

# Project report

Date: Sun Nov 26 2023 14:12:40  
Build with: Z+FLaserControl 9.0.2.24038  
Project: Biblioteca Virgil Carianopol 2  
Master scan position: 1

210 of 210 scan positions used for registration.

## Quality standard deviation of the cloud to cloud registration

d:3.73 mm

## Superior matrix

1.000000	0.000000	0.000000	0.0000 m
0.000000	1.000000	0.000000	0.0000 m
0.000000	0.000000	1.000000	0.0000 m
0.000000	0.000000	0.000000	1.0000

# Scan position '1'

Scan position is member of group(s):  
Status registration '[23h] preregistered'  
Registration matrix:

-0.224757	-0.974415	0.000000	0.0000 m
0.974415	-0.224757	0.000000	0.0000 m
0.000000	0.000000	1.000000	0.0000 m
0.000000	0.000000	0.000000	1.0000

## Scan '1'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
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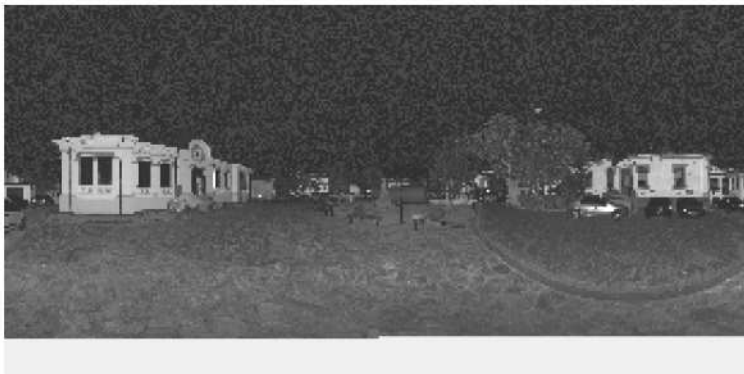
comment  
operator

Scan command: c:\1\_RCServer 9.0.3\memorize 1 file "1" -scpos "1" -path "Biblioteca Virgil Caranopol 2" -project "Biblioteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast -resolution h -quality default -f from "0" -to "101" -interval "20" -to "340"

### Sensor

sensors: 3100 ' barometer translation rotation gps'  
Barometer: 1.014529 bar -10.6411 m  
nav translation: 0.0000 m 0.0000 m -11.6878 m accuracies: 5.1000 m S. 1000 m 0.0001 m  
nav rotation: 0.0000 0.0000 257.0114 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:44.110455 long:24.349180 satellites:7 height:146.4m hdop:2.0 vdop:2.1m hacc:8.4m vacc:7.6 flags:G3 'stand alone 3D solution'  
north:4887557.818 m east:287865.094 m zone:35T  
Initial pre position (3:outdoor)  
-0.225 -0.974 0.000 0.000  
0.974 -0.225 0.000 0.000  
0.000 0.000 1.000 0.000  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



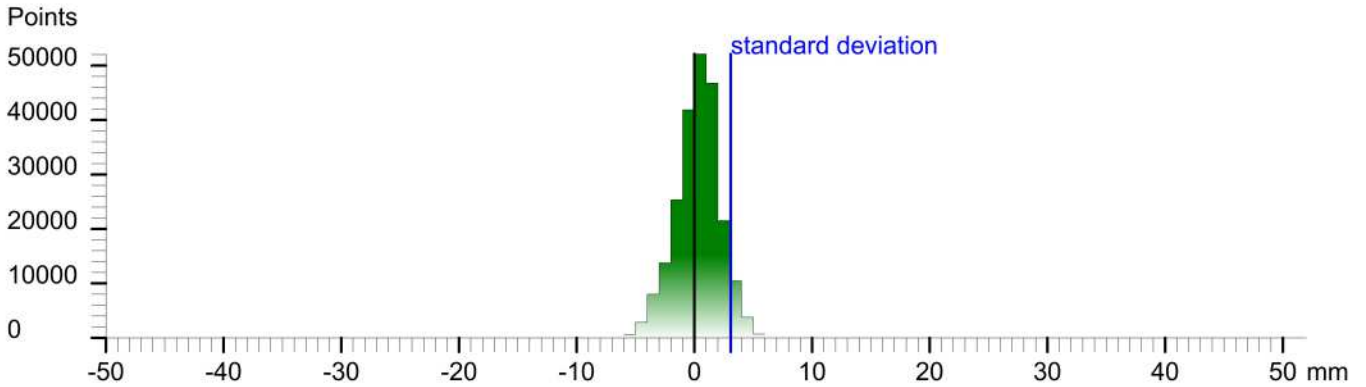
# Scan position '10'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.301457 -0.953479 -0.001446 -13.6981 m
0.953479 0.301455 0.001547 41.1225 m
-0.001039 -0.001845 0.999998 -0.8371 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.1 mm

## Deviation histogram



## Scan '10'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "10" -scanspot "10" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast -resolution h -quality default -fcom "0" -do "101" -rfcom "20" -Hot "340"
Sensor
sensors: 3100 * barometer translation rotation gps*
Barometer: 1.014047 bar -6.63114 m
nav translation: -7.3958 m 7.4992 m -7.1963 m accuracies: 10.4211 m 10.4211 m 0.0001 m
nav rotation: 0.0000 0.0000 284.3176 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110859 long:24.349112 satellites:3 height:146.6m hdop:3.0 vdop:1.0m hacc:11.0m vacc:18.0 flags:G2 *stand alone 2D solution*
north:4887602.908 m east:287861.047 m zone:35T
Initial pre position (3:outdoor)
0.247 -0.969 0.000 -3.042
0.969 0.247 0.000 35.974
0.000 0.000 1.000 3.739
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '100'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

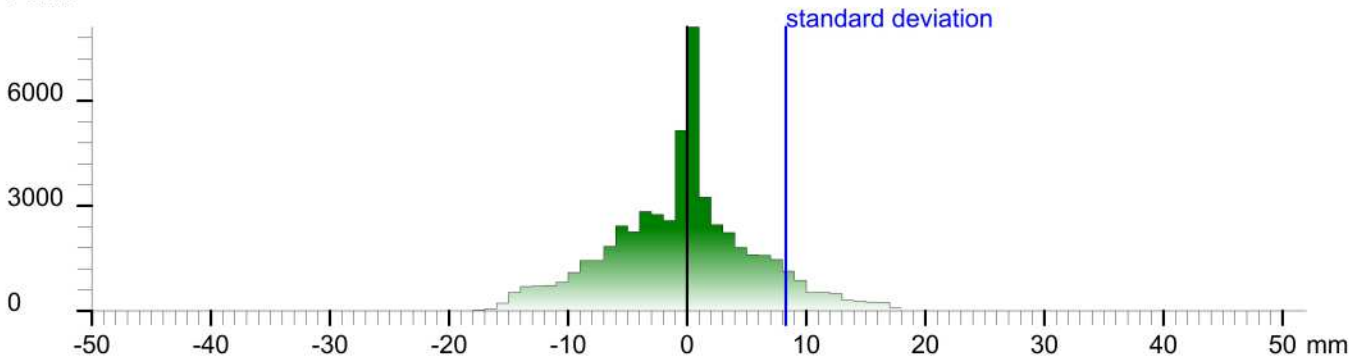
Registration matrix:

```
-0.930543 -0.366174 -0.002098 -34.0229 m
0.366174 -0.930547 0.001255 29.0924 m
-0.002411 0.000401 0.999997 1.1540 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:8.3 mm

## Deviation histogram

Points



## Scan '100'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "100" -scenpos "100" -path "Biblioteca Virgil Caramopol 2" -project "Biblioteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor

```
sensors: 3096 'barometer translation rotation'
Barometer: 1.000992 bar 102.548 m
nav translation: -1.1048 m 0.6182 m 102.6420 m accuracies: 5.7408 m 5.7408 m 0.0000 m
nav rotation: 0.0000 0.0000 203.5529 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.917 -0.400 0.000 -39.399
0.400 -0.917 0.000 -15.818
0.000 0.000 1.000 113.577
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '101'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

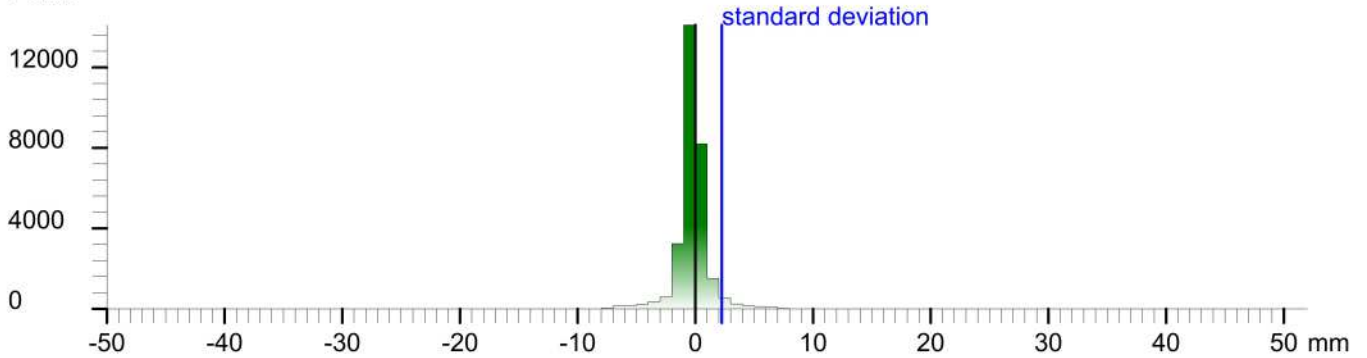
Registration matrix:

```
-0.731747 -0.681570 -0.002385 -36.3139 m
0.681571 -0.731752 0.001532 31.1225 m
-0.002788 -0.000503 0.999996 1.1412 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.3 mm

## Deviation histogram

Points



## Scan '101'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

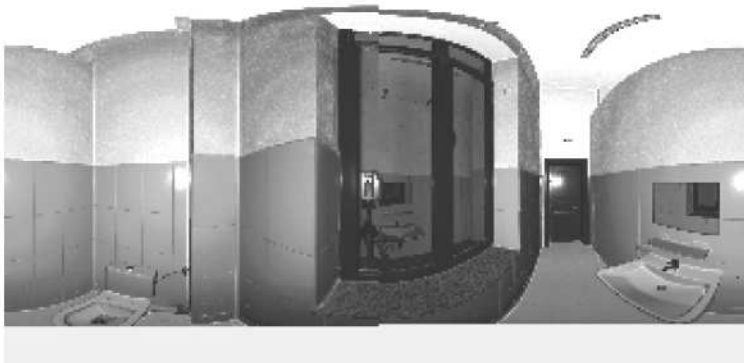
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "101" -scenpos "101" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hkom1 "20" -ho1 "340"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.000902 bar 103.308 m  
nav translation: -6.0671 m -2.3664 m 103.0729 m accuracies: 8.3783 m 8.3783 m 0.0001 m  
nav rotation: 0.0000 0.0000 224.9464 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.706 -0.706 0.000 -45.466  
0.706 -0.706 0.000 -18.185  
0.000 0.000 1.000 114.008  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



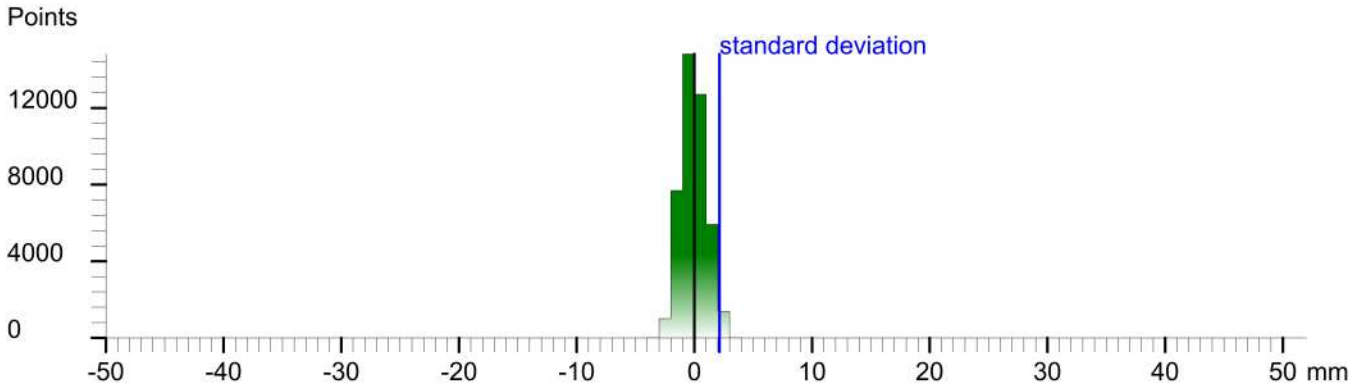
# Scan position '102'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.953940	-0.299986	-0.002494	-36.6646 m
0.299984	-0.953944	0.001574	25.6616 m
-0.002851	0.000754	0.999996	1.1482 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.1 mm

## Deviation histogram



## Scan '102'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 5016" -memorize 1 -file "102" -scenpos "102" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test -resolution h -quality default -frown "0" -fo "101" -hkonf "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.000847 bar 103.773 m  
nav translation: -3.9636 m -2.3492 m 103.5888 m accuracies: 7.4279 m 7.4279 m 0.0000 m  
nav rotation: 0.0000 0.0000 193.5763 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.972 -0.235 0.000 -49.430  
0.235 -0.972 0.000 -20.534  
0.000 0.000 1.000 114.524  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '103'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

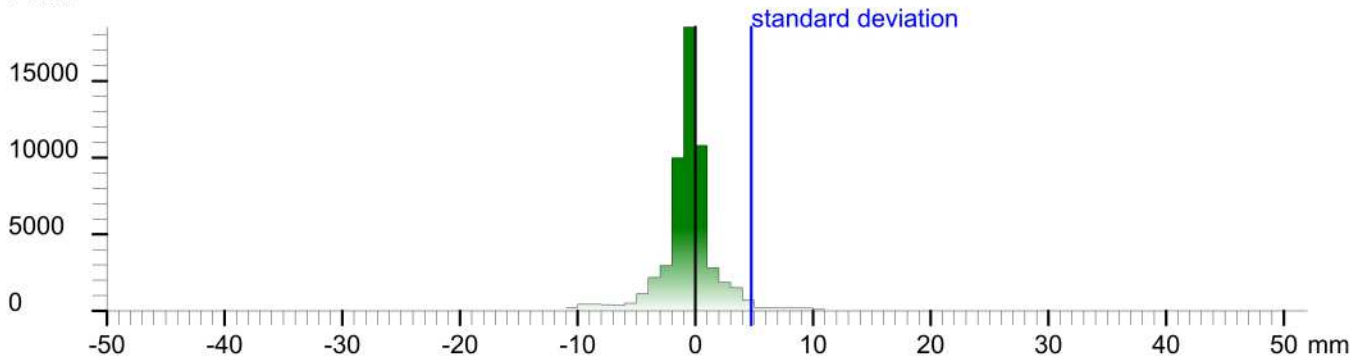
Registration matrix:

```
-0.287119 -0.957893 -0.001761 -39.2084 m
0.957894 -0.287121 0.001343 27.4608 m
-0.001793 -0.001301 0.999998 1.1380 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.7 mm

## Deviation histogram

Points



## Scan '103'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "103" -scenpos "103" -path "Bibloteca Virgil Caramopol 2" -project "Bibloteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test -resolution h -quality default -froom "0" -fo "101" -hnorm1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.000729 bar 104.761 m  
nav translation: -3.4717 m 0.0514 m 103.9963 m accuracies: 6.8429 m 6.8429 m 0.0000 m  
nav rotation: 0.0000 0.0000 256.5035 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.233 -0.972 0.000 -52.902  
0.972 -0.233 0.000 -20.483  
0.000 0.000 1.000 114.931  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '104'

Scan position is member of group(s):

Status registration '[10023h] preregistered, manually'

Registration matrix:

0.826269	-0.563274	0.000132	-37.5269 m
0.563274	0.826271	0.000193	29.6462 m
-0.000218	-0.000086	1.000000	1.1553 m
0.000000	0.000000	0.000000	1.0000

## Scan '104'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'c:\1\_PCServer 9.0.3' -memorize 1 -file "104" -scaepos "104" -path "Bibloteca Virgil Caranopol 2" -project "Bibloteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams fast -resolution h -quality default -ifrom "0" -ilo "101" -ifrom1 "20" -ilo1 "340"

### Sensor

sensors: 3096 'barometer translation rotation'

Barometer: 1.000585 bar 105.975 m

nav translation: 0.7721 m 2.3617 m 105.6902 m accuracies: 6.3489 m 6.3489 m 0.0000 m

nav rotation: 0.0000 0.0000 331.7681 accuracies: 0.0000 0.0000 15.0000

upside-down: no

Initial pre position (0-indoor)

0.881 -0.473 0.000 -52.130

0.473 0.881 0.000 -18.121

0.000 0.000 1.000 116.625

0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '105'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

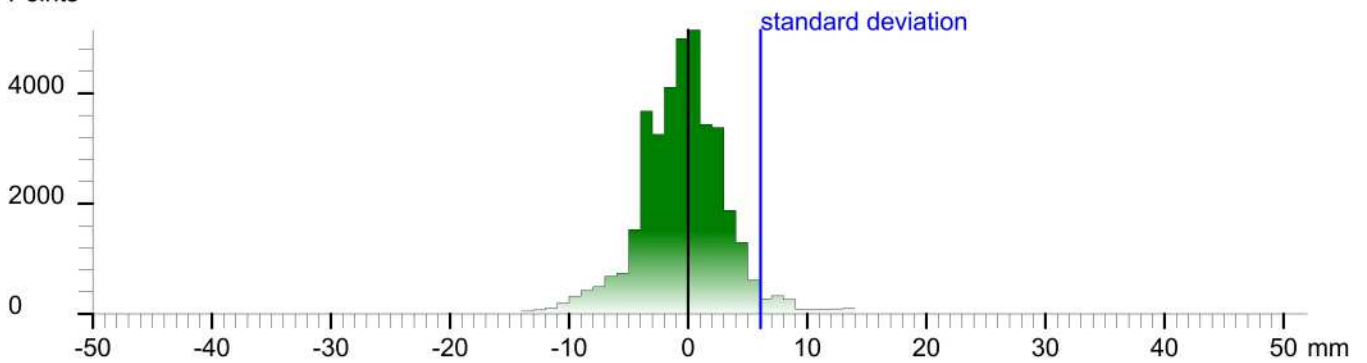
Registration matrix:

```
0.856786 0.515668 0.001936 -37.5046 m
-0.515671 0.856788 0.000402 28.4249 m
-0.001451 -0.001344 0.999998 1.1606 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:6.1 mm

## Deviation histogram

Points



## Scan '105'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "105" -scenpos "105" -path "Biblioteca Virgil Caramopol 2" -project "Biblioteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test -resolution h -quality default -from "0" -to "101" -interval "20" -to1 "340"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.000457 bar 107.051 m  
nav translation: 0.0000 m 0.0000 m 106.5344 m accuracies: 5.2242 m 5.2242 m 0.0000 m  
nav rotation: 0.0000 0.0000 31.6672 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.851 0.525 0.000 -52.130  
-0.525 0.851 0.000 -18.121  
0.000 0.000 1.000 117.470  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '106'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

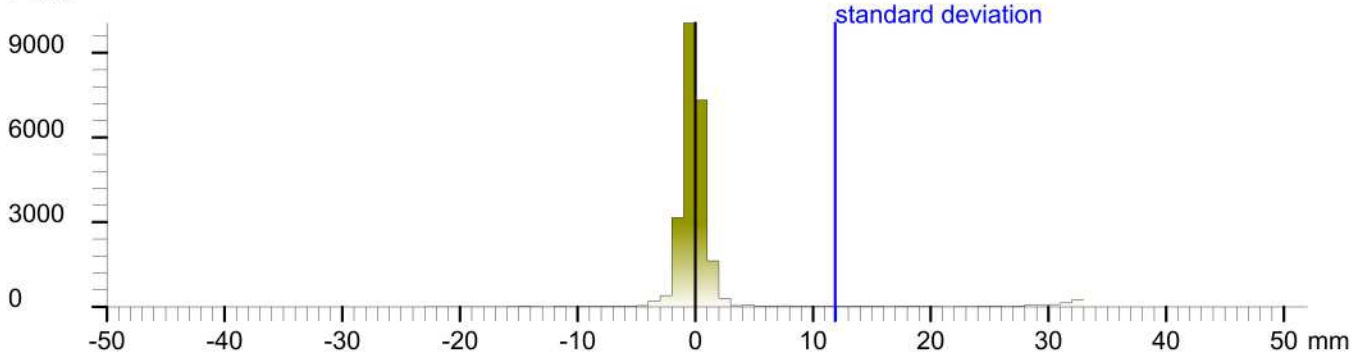
Registration matrix:

```
-0.268880  0.963172  0.001745 -36.5091 m
-0.963174 -0.268881 -0.000502  28.5789 m
-0.000013 -0.001816  0.999999   1.1576 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation:11.9 mm

## Deviation histogram

Points



## Scan '106'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

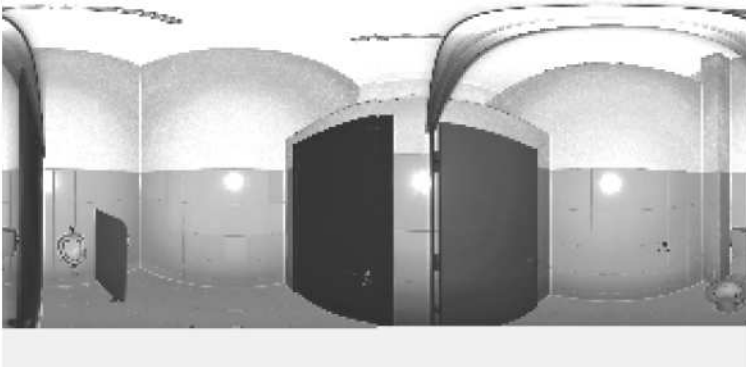
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "106" -scenpos "106" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.000315 bar 108.247 m  
nav translation: 4.9310 m -2.2336 m 107.7241 m accuracies: 7.8527 m 7.8527 m 0.0000 m  
nav rotation: 0.0000 0.0000 105.0001 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.259 0.966 0.000 -47.199  
-0.966 -0.259 0.000 -20.355  
0.000 0.000 1.000 118.659  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '107'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

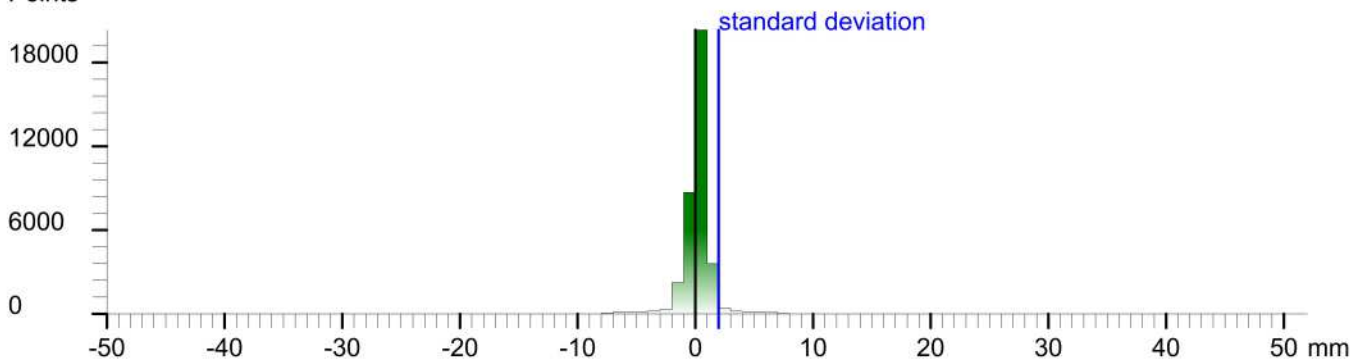
Registration matrix:

-0.272105	0.962265	0.001940	-35.7971 m
-0.962268	-0.272107	0.000029	29.0796 m
0.000557	-0.001859	0.999998	1.1548 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram

Points



## Scan '107'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

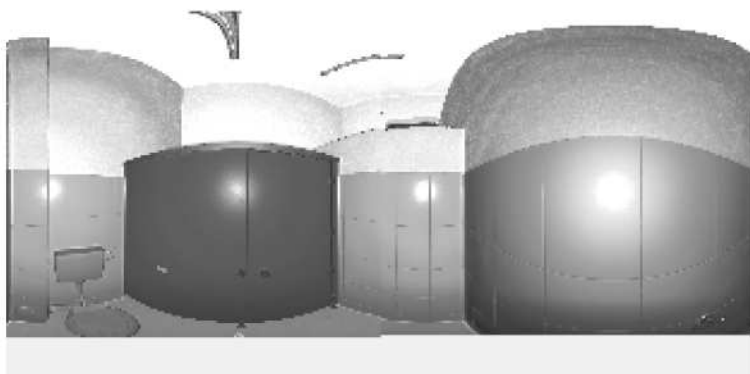
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3\memorize 1 -file "107" -scenpos "107" -path "Bibikoteza Virgi Cataropol 2" -project "Bibikoteza Virgi Cataropol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -interval "20" -to1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.000206 bar 109.164 m  
nav translation: 0.2200 m -1.3018 m 108.7456 m accuracies: 5.7711 m 5.7711 m 0.0000 m  
nav rotation: 0.0000 0.0000 109.9267 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.341 0.940 0.000 -46.979  
-0.940 -0.341 0.000 -21.656  
0.000 0.000 1.000 119.681  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '108'

Scan position is member of group(s):

Status registration '[10023h] preregistered, manually'

Registration matrix:

-0.993804	-0.111141	0.000072	-40.1536 m
0.111142	-0.993806	0.000100	25.7534 m
0.000061	0.000108	1.000000	1.1210 m
0.000000	0.000000	0.000000	1.0000

## Scan '108'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

### Metadata Value comment operator

Scan command: 'cd \\.\RCServer 9.0.3' & memorize 1 & file "108" & scapox "108" & path "Biblioteka Virgi Carlanopol 2" & project "Biblioteka Virgi Carlanopol 2" & projectTemplate "" & compensator -nav & temperature "20" & camera "z-cam" & panoramaparams fast-resolution h-quality default -f from "0" -fo "101" -f from "20" -fo "1340"

#### Sensor

sensors: 3096 ' barometer translation rotation'

Barometer: 1.000104 bar 110.022 m

nav translation: -6.1328 m -2.5323 m 109.6817 m accuracies: 8.4263 m 8.4263 m 0.0000 m

nav rotation: 0.0000 0.0000 189.5778 accuracies: 0.0000 0.0000 15.0000

upside-down: no

Initial pre position (0:indoor)

-0.986 -0.166 0.000 -53.111

0.166 -0.986 0.000 -24.189

0.000 0.000 1.000 120.617

0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '109'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

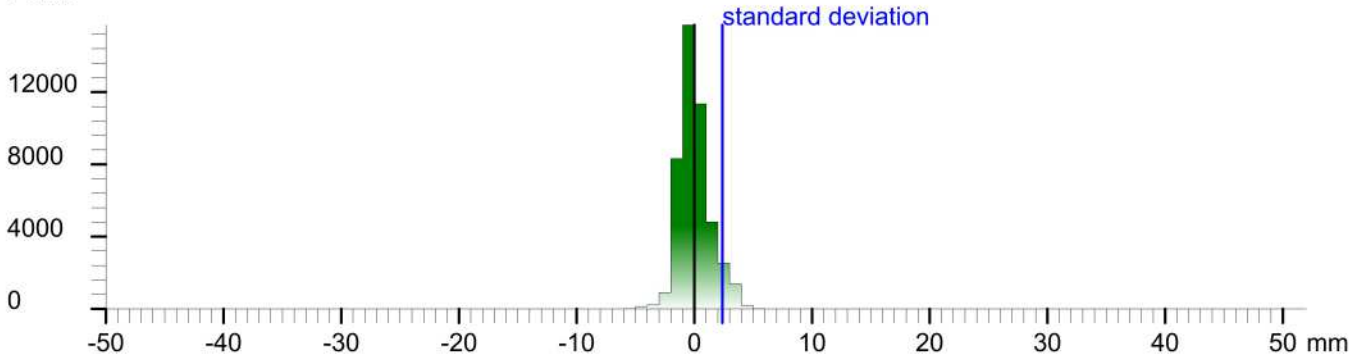
Registration matrix:

```
-0.988793  0.149292  0.000343 -38.8380 m  
-0.149290 -0.988794  0.000927  24.3989 m  
0.000478  0.000866  1.000000  1.1281 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.4 mm

## Deviation histogram

Points



## Scan '109'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

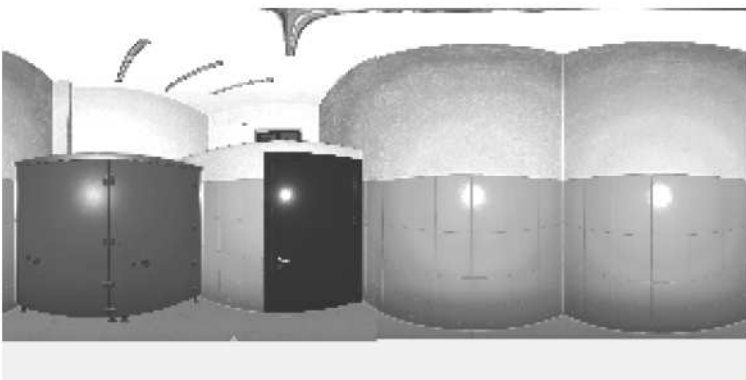
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "109" -scapos "109" -path "Bibikoteza Virgi Cataractop 2" -project "Bibikoteza Virgi Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test -resolution h -quality default -frown "0" -fo "101" -hnorm1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.999980 bar 111.059 m  
nav translation: -2.0699 m -1.2138 m 110.8056 m accuracies: 6.3131 m 6.3131 m 0.0000 m  
nav rotation: 0.0000 0.0000 168.2579 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.979 0.204 0.000 -55.181  
-0.204 -0.979 0.000 -25.403  
0.000 0.000 1.000 121.741  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '11'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

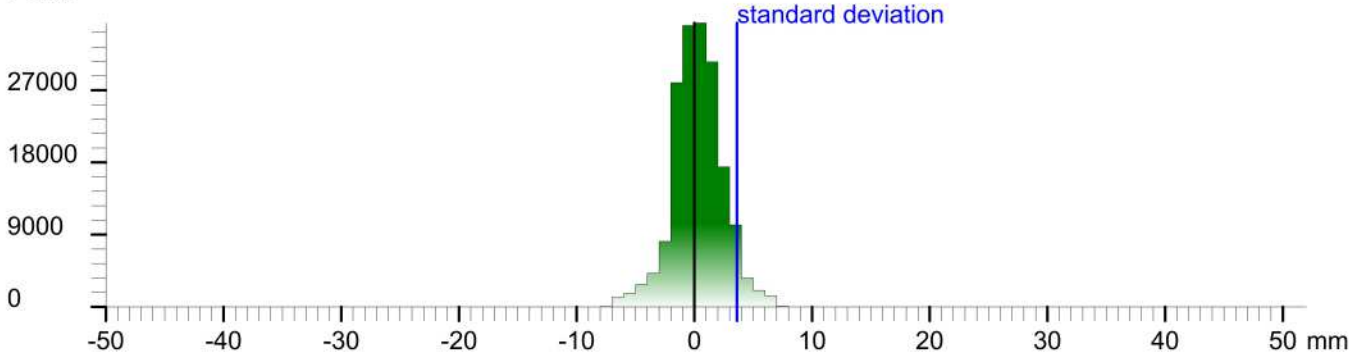
Registration matrix:

```
-0.586346 -0.810059 -0.001604 -16.7915 m
0.810058 -0.586348 0.001555 43.8228 m
-0.002201 -0.000388 0.999997 -0.0729 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram

Points



## Scan '11'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "11" -scanspos "11" -path "Bibloteca Virgil Cataropol 2" -project "Bibloteca Virgil Cataropol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test-resolution h-quality default -fhom "0" -fo "181" -fhoriz "20" -fsta1 "340"
Sensor
sensors: 3100 * barometer translation rotation gps*
Barometer: 1.013867 bar -5.13443 m
nav translation: -4.6684 m 2.9656 m -5.6994 m accuracies: 7.9205 m 7.9205 m 0.0000 m
nav rotation: 0.0000 0.0000 231.0177 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110825 long:24.348951 satellites:3 height:143.9m hdop:4.1 vdop:1.0m hacc:13.8m vacc:21.0 flags:G2 'stand alone 2D solution'
north:4887599.508 m east:287848.102 m zone:35T
Initial pre position (0:indoor)
-0.629 -0.777 0.000 -7.710
0.777 -0.629 0.000 38.939
0.000 0.000 1.000 5.236
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



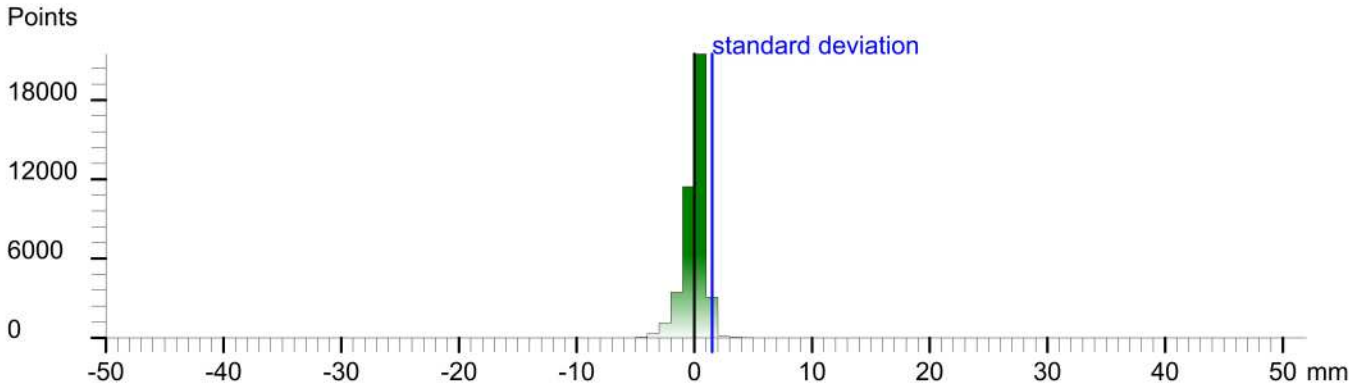
# Scan position '110'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.974024  0.226442 -0.000065 -39.5674 m  
-0.226442 -0.974026 -0.000208  24.2151 m  
-0.000110 -0.000187  1.000000   1.1266 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram



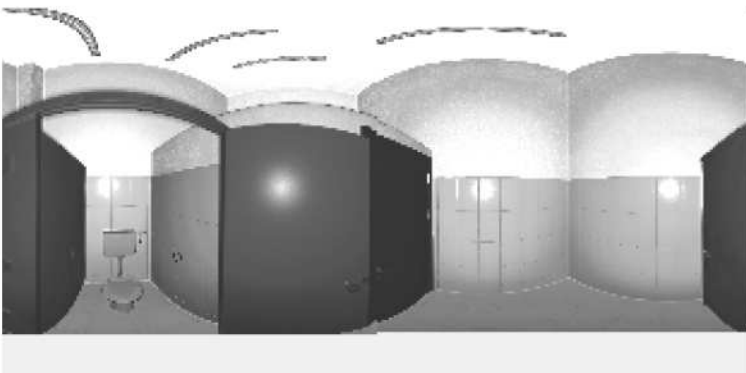
## Scan '110'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "110" -scanspos "110" -path "Biblioteca Virgil Caranecopol 2" -project "Biblioteca Virgil Caranecopol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "z-cam" -panoramaparams fast-resolution h-quality default -froom "0" -fo "101" -froom "20" -fo1 "240"  
Sensor  
sensors: 3096 " barometer translation rotation"  
Barometer: 0.999783 bar 112.718 m  
nav translation: -4.0904 m -0.4425 m 112.3966 m accuracies: 7.1835 m 7.1835 m 0.0000 m  
nav rotation: 0.0000 0.0000 164.9005 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.965 0.260 0.000 -59.272  
-0.260 -0.965 0.000 -25.845  
0.000 0.000 1.000 123.332  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





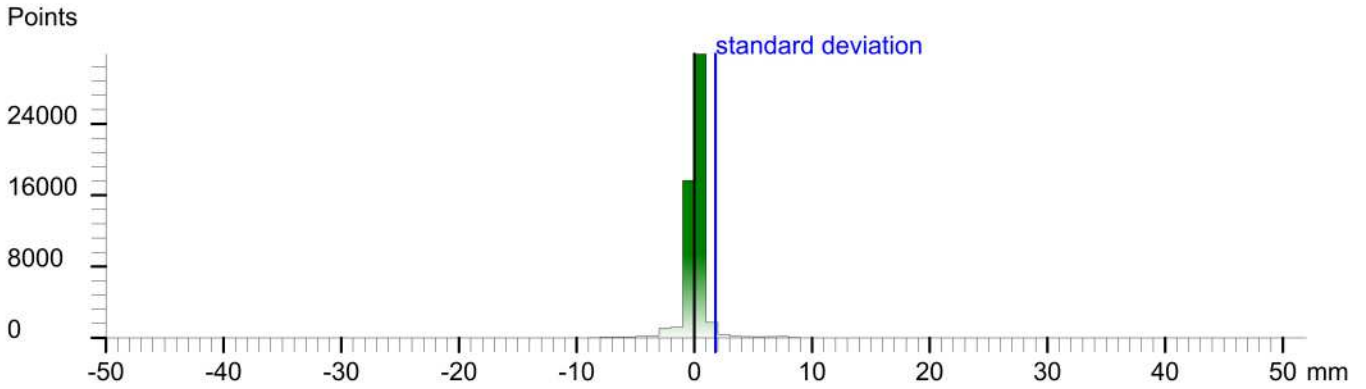
# Scan position '111'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.966013  0.258491  0.000173 -39.0203 m  
-0.258491 -0.966014 -0.000670  23.8048 m  
-0.000005 -0.000691  1.000000   1.1273 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan '111'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "ZRCSensor 9.0.3" -memorize 1 -file "111" -scanspos "111" -path "Biblioteca Virgil Catenacol 2" -project "Biblioteca Virgil Catenacol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast -resolution h -quality default -from "0" -to "181" -interval "20" -hd1 "360"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.999672 bar 113.659 m  
nav translation: -1.8239 m -5.9966 m 113.0268 m accuracies: 8.2926 m 8.2926 m 0.0000 m  
nav rotation: 0.0000 0.0000 163.9440 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.961 0.277 0.000 -61.096  
-0.277 -0.961 0.000 -31.842  
0.000 0.000 1.000 123.962  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





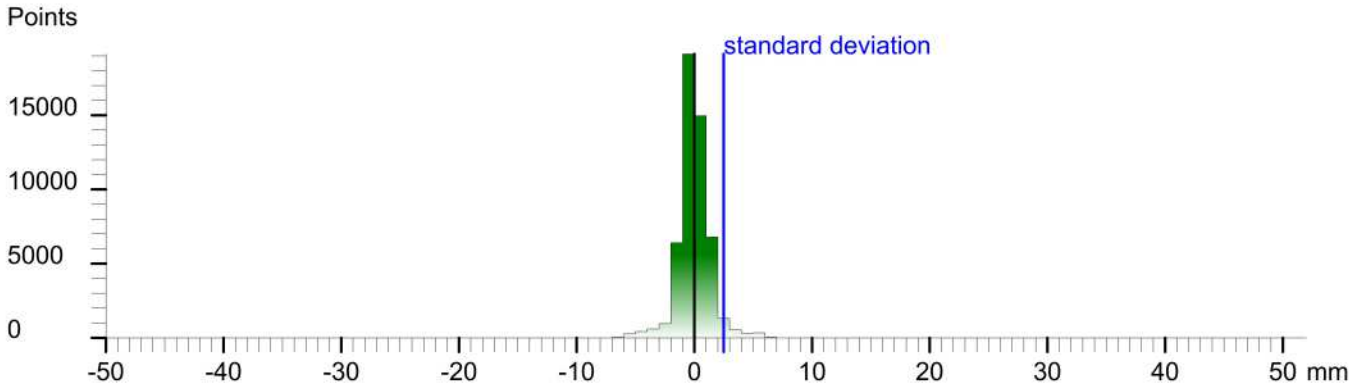
# Scan position '112'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.960223 -0.279212 -0.003597 -26.2230 m  
0.279212 -0.960230 0.000625 27.7081 m  
-0.003628 -0.000403 0.999993 1.1604 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.5 mm

## Deviation histogram



## Scan '112'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "112" -scanspos "112" -path "Biblioteca Virgil Caranopol 2" -project "Biblioteca Virgil Caranopol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "z-cam" -panoramaparams fast-resolution h-quality default -fboon "0" -fb "101" -fboom "20" -fo1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.999425 bar 115.73 m  
nav translation: 10.6876 m 6.5402 m 115.0957 m accuracies: 11.3949 m 11.3949 m 0.0000 m  
nav rotation: 0.0000 0.0000 198.4041 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.949 -0.316 0.000 -50.408  
0.316 -0.949 0.000 -25.301  
0.000 0.000 1.000 126.031  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '113'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

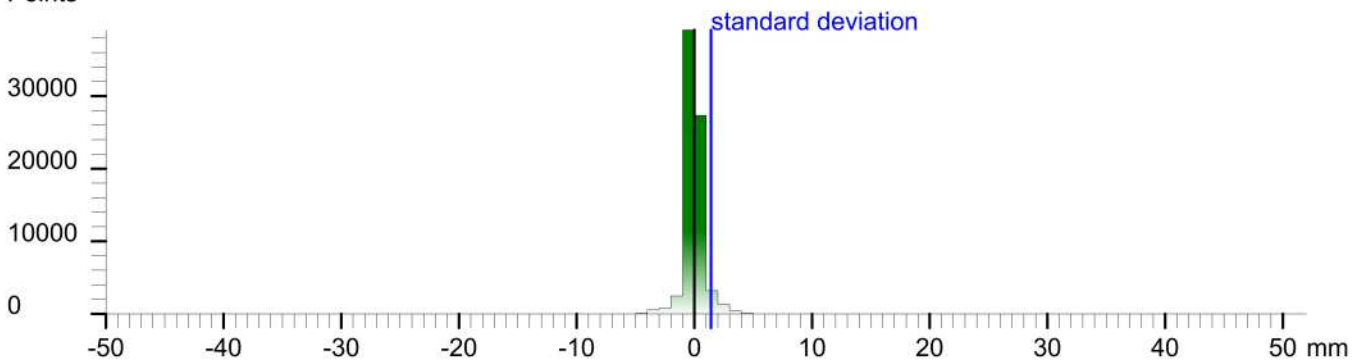
Registration matrix:

```
-0.996270 -0.086215 -0.003606 -27.5672 m
0.086215 -0.996277 0.000157 27.3494 m
-0.003606 -0.000153 0.999993 1.1474 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram

Points



## Scan '113'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

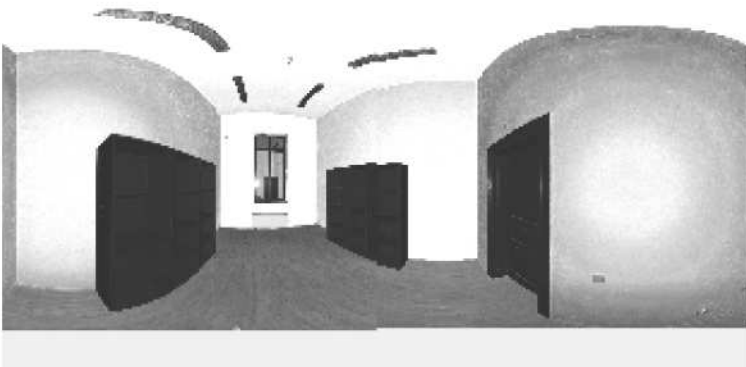
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "113" -scanspos "113" -path "Biblioteca Virgil Caranicol 2" -project "Biblioteca Virgil Caranicol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "z-cam" -panoramaparams fast-resolution h-quality default -fboon "0" -fo "1131" -fboom "20" -fo1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.999209 bar 117.556 m  
nav translation: -3.2649 m -1.1951 m 117.0768 m accuracies: 6.8403 m 6.8403 m 0.0000 m  
nav rotation: 0.0000 0.0000 185.3561 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.996 -0.093 0.000 -53.673  
0.093 -0.996 0.000 -26.497  
0.000 0.000 1.000 128.012  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '114'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

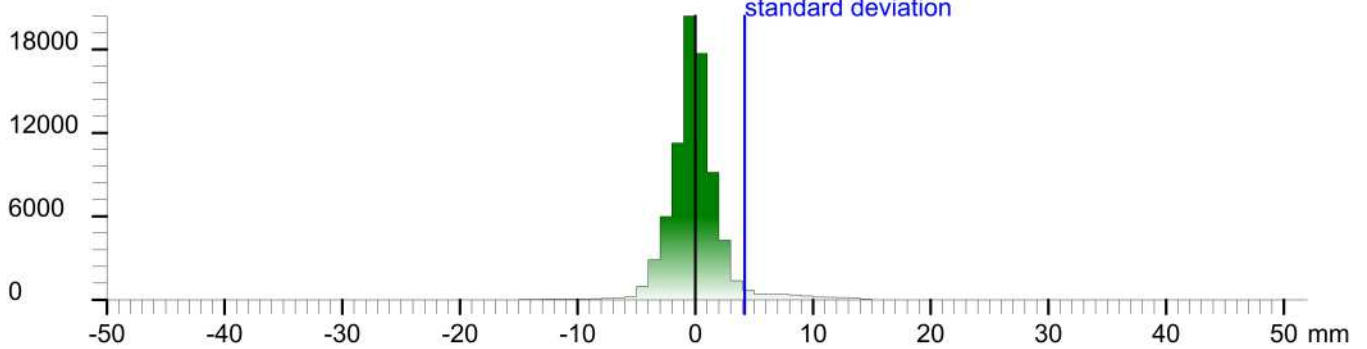
Registration matrix:

```
-0.507824 -0.861455 -0.003010 -29.4642 m
0.861460 -0.507827 0.000480 30.2507 m
-0.001943 -0.002348 0.999995 1.1316 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.2 mm

## Deviation histogram

Points



## Scan '114'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

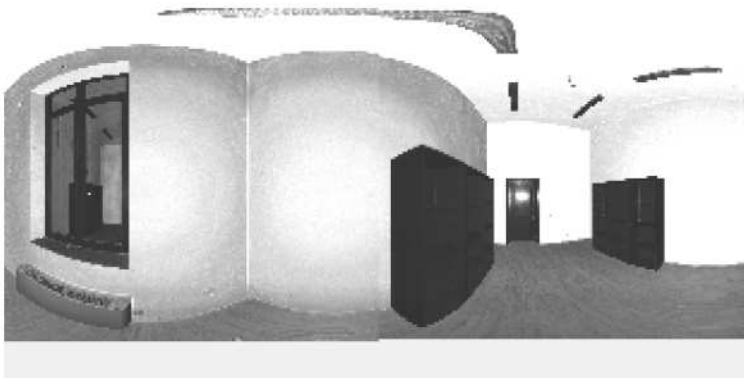
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "114" -scanspos "114" -path "Bibliteca Virgil Caransepsol 2" -project "Bibliteca Virgil Caransepsol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "z-cam" -panoramaparams fast-resolution h-quality default -fboom "0" -fo "101" -fboom1 "20" -fo1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.999131 bar 118.21 m  
nav translation: -2.0406 m 0.2548 m 118.1463 m accuracies: 6.1385 m 6.1385 m 0.0001 m  
nav rotation: 0.0000 0.0000 240.5194 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.492 -0.871 0.000 -55.714  
0.871 -0.492 0.000 -26.242  
0.000 0.000 1.000 129.081  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





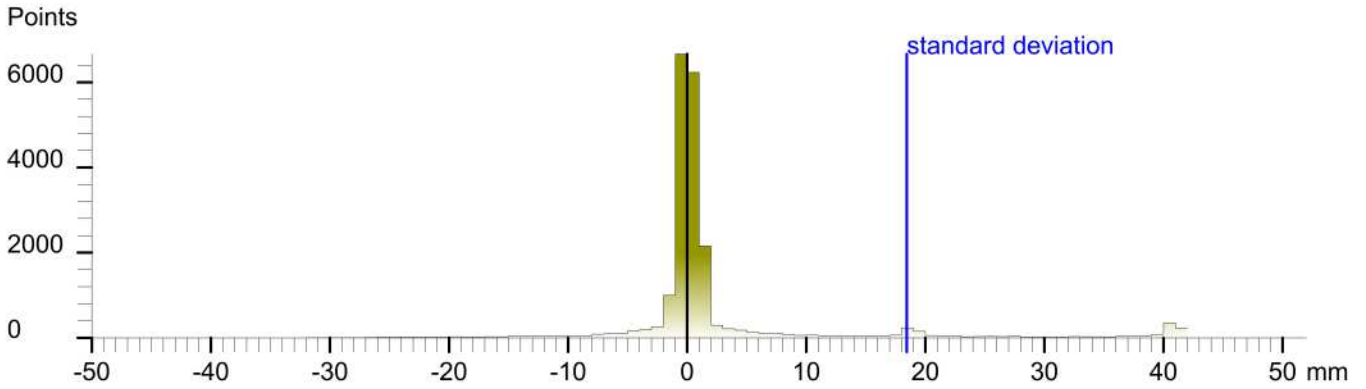
# Scan position '116'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.287627	-0.957732	-0.004402	-25.9849 m
0.957737	-0.287639	0.002319	35.5098 m
-0.003488	-0.003548	0.999987	1.1310 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 18.4 mm

## Deviation histogram



## Scan '116'

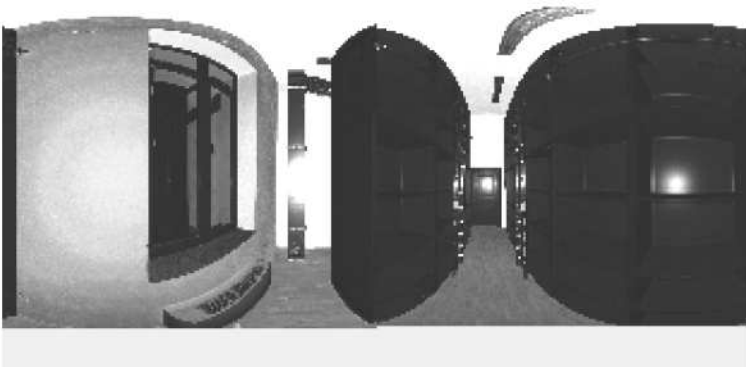
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "116" -scanspos "116" -path "Biblioteca Virgil Caranecopol 2" -project "Biblioteca Virgil Caranecopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "cam" -panoramaparams fast-resolution h-quality default -froom "0" -to "181" -froom1 "20" -to1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.998663 bar 122.15 m  
nav translation: -0.9940 m 1.5340 m 121.8843 m accuracies: 6.0194 m 6.0194 m 0.0001 m  
nav rotation: 0.0000 0.0000 255.0188 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.259 -0.966 0.000 -57.199  
0.966 -0.259 0.000 -24.484  
0.000 0.000 1.000 132.819  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '117'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

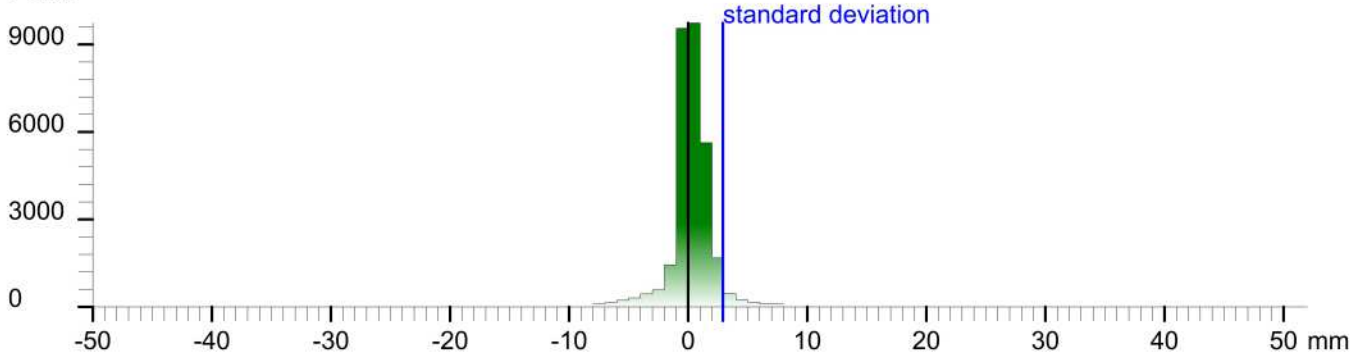
Registration matrix:

0.851805	-0.523845	-0.003783	-24.9278 m
0.523857	0.851799	0.003610	36.9178 m
0.001330	-0.005058	0.999986	1.1332 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:2.9 mm

## Deviation histogram

Points



## Scan '117'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

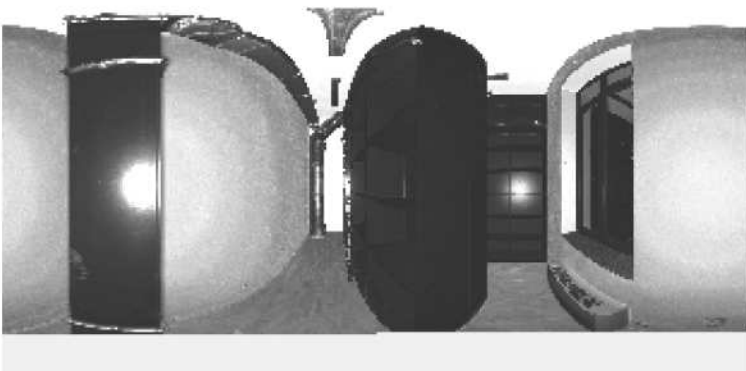
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "117" -scanspos "117" -path "Bibiteca Virgil Caranopol 2" -project "Bibiteca Virgil Caranopol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "cam" -panoramaparams fast-resolution h-quality default -fboon "0" -fb "0" -fboom "20" -fo1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.998633 bar 122.406 m  
nav translation: 0.5860 m 2.1102 m 122.5236 m accuracies: 6.2179 m 6.2179 m 0.0003 m  
nav rotation: 0.0000 0.0000 319.0447 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.755 -0.655 0.000 -56.613  
0.655 0.755 0.000 -22.374  
0.000 0.000 1.000 133.459  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





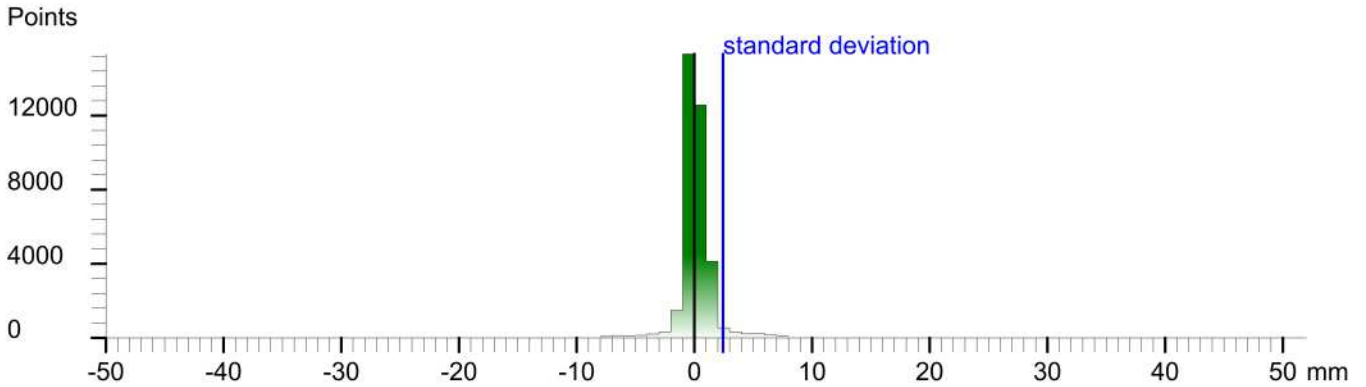
# Scan position '118'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.310599	0.950538	-0.002407	-21.9151 m
-0.950534	0.310606	0.003206	34.3972 m
0.003796	0.001291	0.999992	1.1486 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.4 mm

## Deviation histogram



## Scan '118'

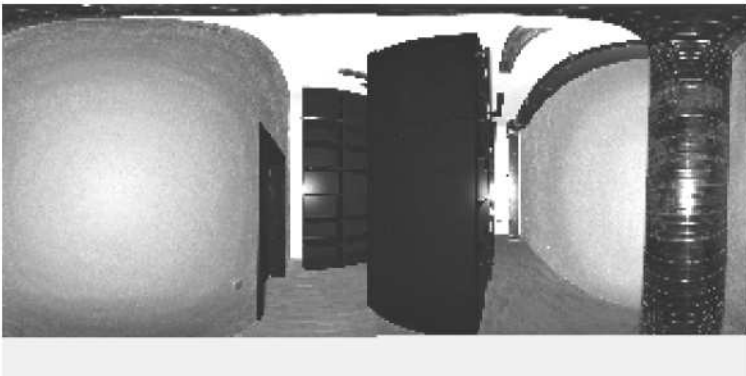
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "118" -scanspos "118" -path "Biblioteca Virgil Caranecopol 2" -project "Biblioteca Virgil Caranecopol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "z-cam" -panoramaparams fast-resolution h-quality default -froom "0" -fo "181" -froom1 "20" -fo1 "240"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.998486 bar 123.643 m  
nav translation: 3.7832 m -0.5032 m 123.0575 m accuracies: 7.0208 m 7.0208 m 0.0001 m  
nav rotation: 0.0000 0.0000 62.1068 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.468 0.884 0.000 -52.830  
-0.884 0.468 0.000 -22.877  
0.000 0.000 1.000 133.993  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '119'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

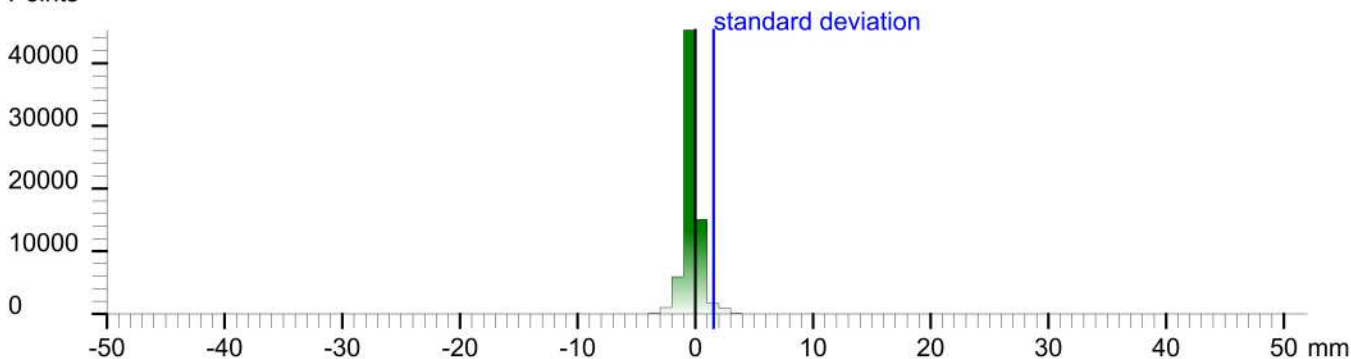
Registration matrix:

```
-0.343579 -0.939115 -0.003924 -24.2174 m
0.939120 -0.343588 0.001863 39.0389 m
-0.003099 -0.003044 0.999991 1.1350 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram

Points



## Scan '119'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZCSense 9.0.3" -memorize 1 -file "119" -scanspos "119" -path "Biblioteca Virgil Caranicol 2" -project "Biblioteca Virgil Caranicol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "z-cam" -panoramaparams fast-resolution h-quality default -froom "0" -to "101" -froom1 "0" -to1 "340"
Sensor
sensors: 3096 "barometer translation rotation"
Barometer: 0.998370 bar 124.615 m
nav translation: -5.4772 m -1.5142 m 124.0040 m accuracies: 7.9800 m 7.9800 m 0.0000 m
nav rotation: 0.0000 0.0000 254.2929 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.271 -0.963 0.000 -58.307
0.963 -0.271 0.000 -24.391
0.000 0.000 1.000 134.939
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



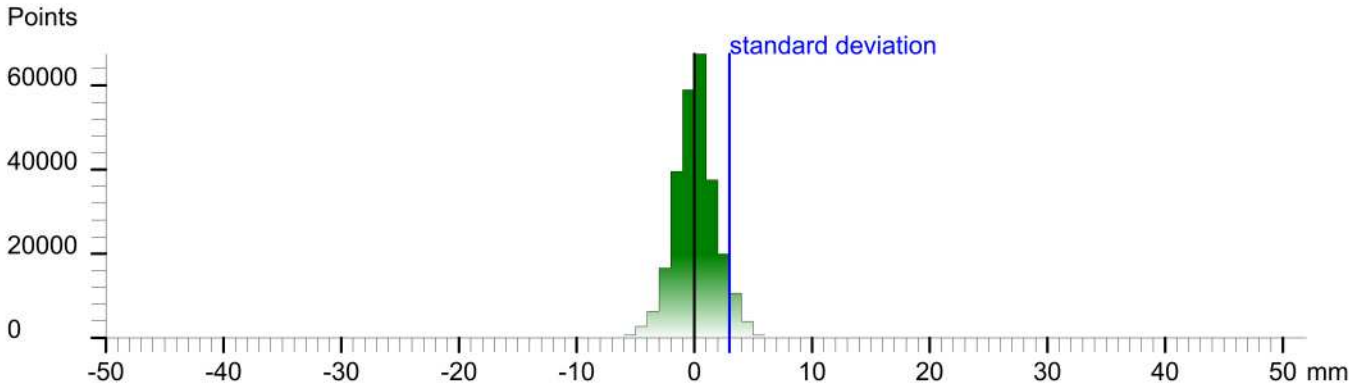
# Scan position '12'

Scan position is member of group(s):  
 Status registration '[102h] registered with cloud to cloud'  
 Registration matrix:

```
0.835697 0.549192 0.000195 -10.9796 m
-0.549191 0.835695 0.001811 46.0610 m
0.000832 -0.001621 0.999998 -0.8412 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.0 mm

## Deviation histogram



## Scan '12'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
 Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "12" -scenarios "12" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -iformat "20" -iso1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.013859 bar -5.06797 m
nav translation: 4.5838 m 1.6454 m -5.8314 m accuracies: 7.6617 m 7.6617 m 0.0000 m
nav rotation: 0.0000 0.0000 34.0044 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110840 long:24.349174 satellites:3 height:139.2m hdop:6.2 vdop:1.0m hacc:7.4m vacc:8.4 flags:G2 'stand alone 2D solution'
north:4887600.627 m east:287866.015 m zone:35T
Initial pre position (3:outdoor)
0.829 0.559 0.000 -3.127
-0.559 0.829 0.000 40.585
0.000 0.000 1.000 5.104
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '120'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

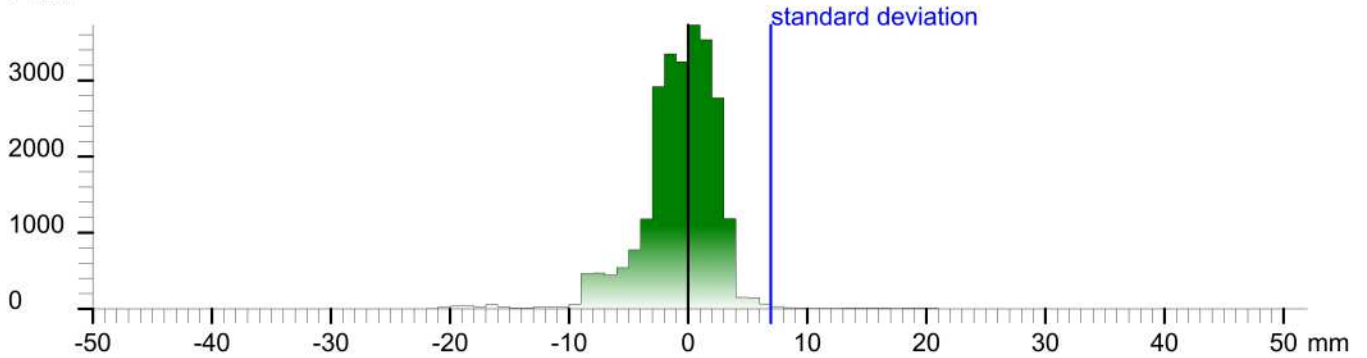
Registration matrix:

```
-0.315104 -0.949049 -0.003701 -25.2724 m
0.949048 -0.315116 0.003399 39.8543 m
-0.004393 -0.002440 0.999987 1.1267 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:6.9 mm

## Deviation histogram

Points



## Scan '120'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

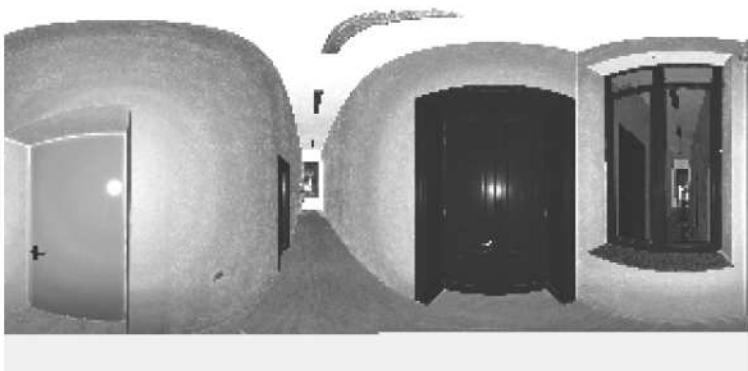
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "120" -scenpos "120" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -ffrom "0" -to "101" -hfrom "20" -to1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.998424 bar 124.165 m  
nav translation: -0.9258 m 0.9822 m 124.1524 m accuracies: 5.7818 m 5.7818 m 0.0000 m  
nav rotation: 0.0000 0.0000 263.3971 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.115 -0.993 0.000 -59.233  
0.993 -0.115 0.000 -23.409  
0.000 0.000 1.000 135.088  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



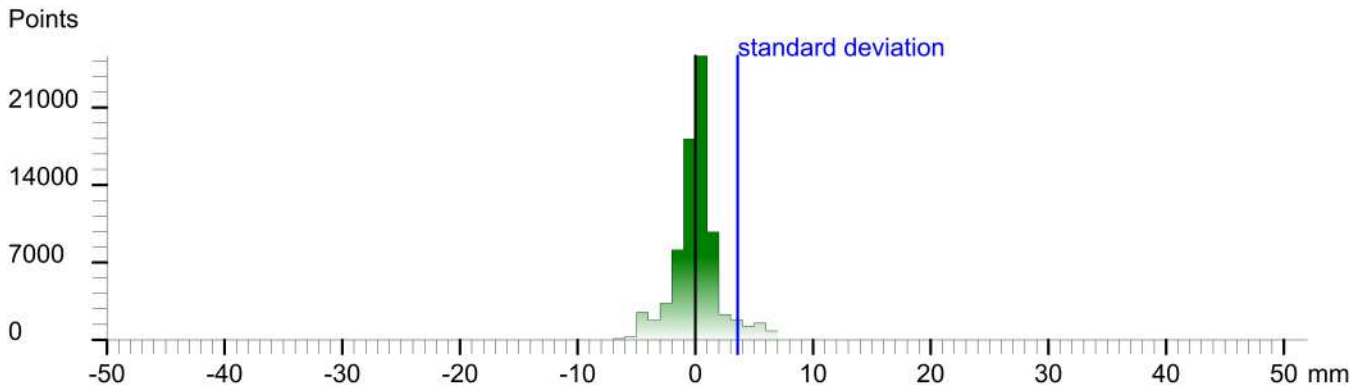
# Scan position '121'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.670976	-0.741472	-0.003067	-20.5164 m
0.741478	0.670965	0.004380	45.8845 m
-0.001191	-0.005213	0.999986	1.1221 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram



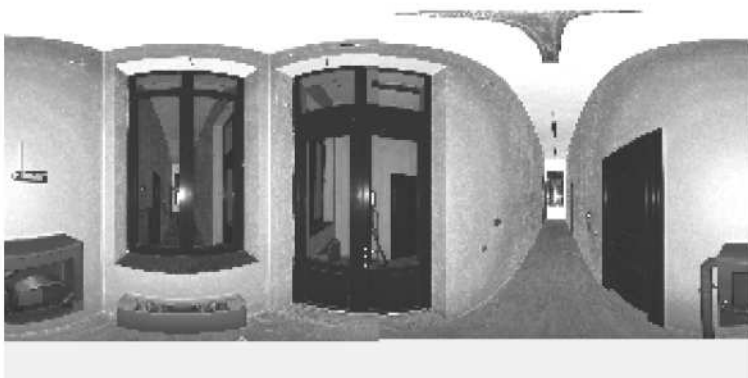
## Scan '121'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "LRCServer 9.0.3" -memorize 1 -file "121" -scenpos "121" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "l-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hkom1 "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.998463 bar 123.834 m
nav translation: 1.8741 m 8.0449 m 123.6149 m accuracies: 9.2424 m 9.2424 m 0.0000 m
nav rotation: 0.0000 0.0000 334.4624 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.902 -0.431 0.000 -57.359
0.431 0.902 0.000 -15.364
0.000 0.000 1.000 134.550
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '122'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

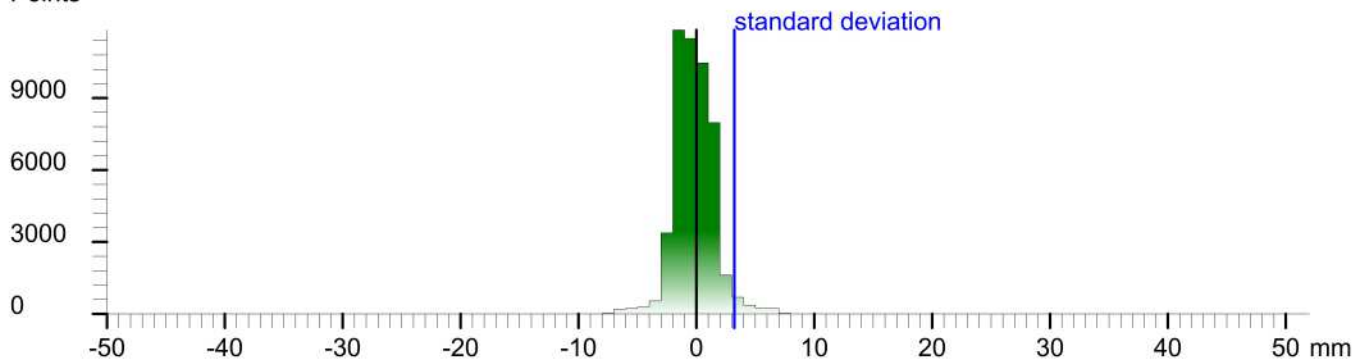
Registration matrix:

```
-0.965114 -0.261799 -0.003774 -21.8352 m
0.261790 -0.965121 0.003045 45.4823 m
-0.004440 0.001952 0.999988 1.1175 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.2 mm

## Deviation histogram

Points



## Scan '122'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "122" -scenpos "122" -path "Bibloteca Virgil Catalanopol 2" -project "Bibloteca Virgil Catalanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm1 "20" -ho1 "340"

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.998432 bar 124.097 m  
nav translation: -0.1566 m 0.2568 m 124.3661 m accuracies: 5.2586 m 5.2586 m 0.0000 m  
nav rotation: 0.0000 0.0000 194.6932 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.967 -0.254 0.000 -57.515  
0.254 -0.967 0.000 -15.107  
0.000 0.000 1.000 135.301  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '123'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

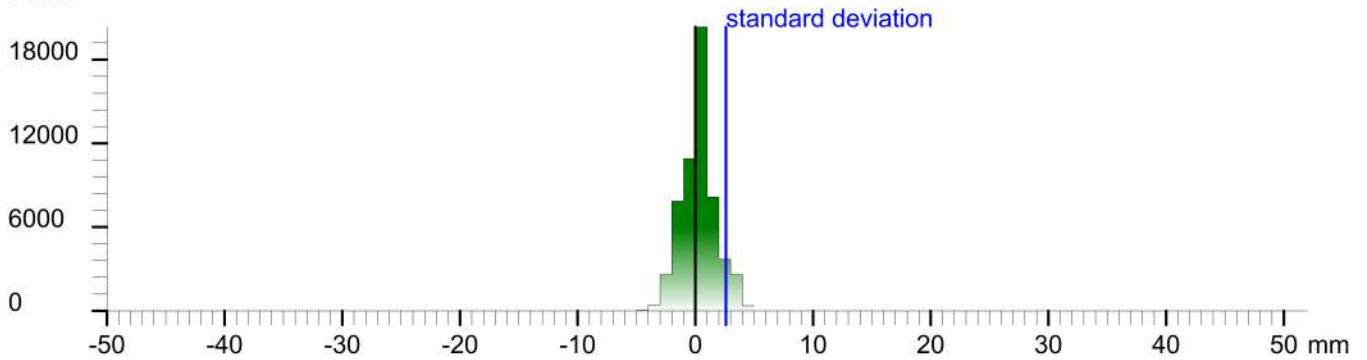
Registration matrix:

```
0.818622 -0.574326 -0.002540 -23.0509 m
0.574332 0.818617 0.003583 47.7435 m
0.000020 -0.004392 0.999990 1.1069 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.6 mm

## Deviation histogram

Points



## Scan '123'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

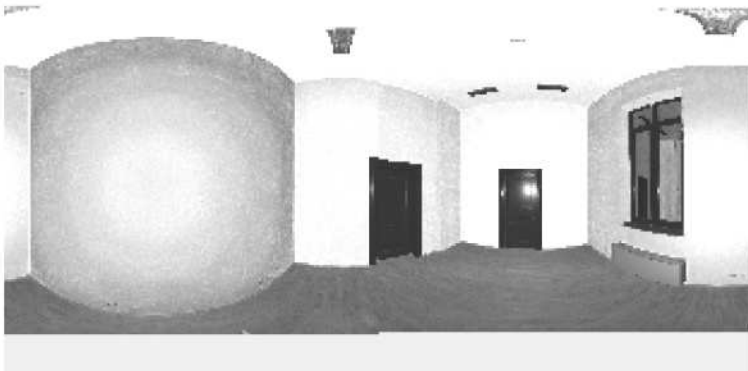
Metadata	Value
comment	
operator	

Scan command: `cd /home/RCSEner 9.0.3/ -memorize 1 -file "123" -scapos "123" -path "Bibikotea Virgi Cateanopol 2" -project "Bibikotea Virgi Cateanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -interval "20" -to1 "340"`

Sensor

```
sensors: 3096 'barometer translation rotation'
Barometer: 0.998373 bar 124.594 m
nav translation: -2.6590 m 1.6175 m 124.6602 m accuracies: 6.6817 m 6.6817 m 0.0000 m
nav rotation: 0.0000 0.0000 327.7617 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.846 -0.533 0.000 -60.174
0.533 0.846 0.000 -13.490
0.000 0.000 1.000 135.595
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '124'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

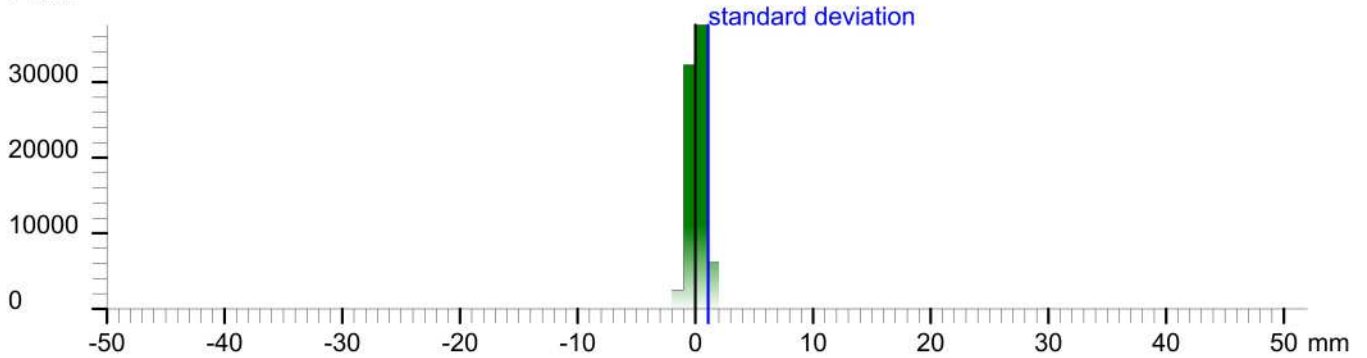
Registration matrix:

```
0.935376 -0.353644 -0.002632 -24.7475 m
0.353650 0.935373 0.003312 45.0479 m
0.001289 -0.004030 0.999991 1.1062 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.1 mm

## Deviation histogram

Points



## Scan '124'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "124" -scenpos "124" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.998342 bar 124.856 m  
nav translation: 1.4729 m 1.3106 m 124.9395 m accuracies: 6.0954 m 6.0954 m 0.0002 m  
nav rotation: 0.0000 0.0000 340.6687 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.944 -0.331 0.000 -58.701  
0.331 0.944 0.000 -12.179  
0.000 0.000 1.000 135.875  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '125'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

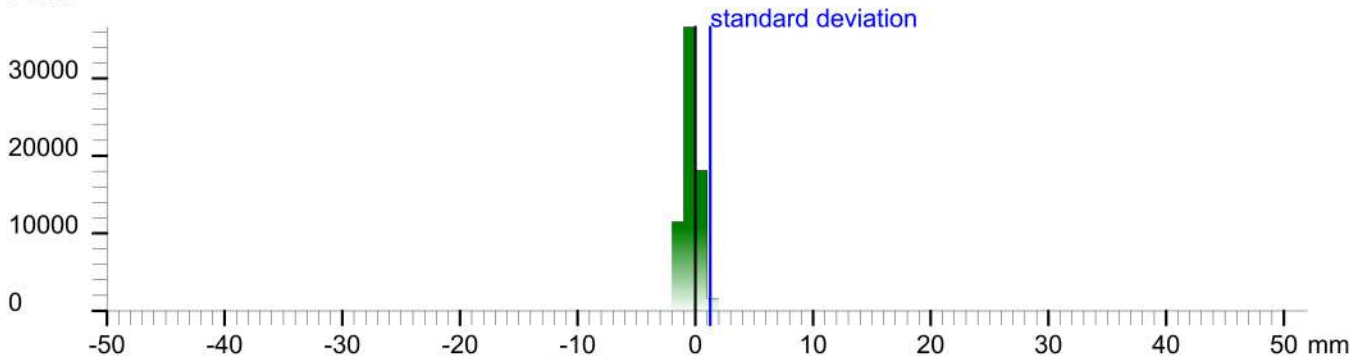
Registration matrix:

```
-0.054561 -0.998504 -0.003365 -26.5268 m
0.998510 -0.054567 0.001928 43.0538 m
-0.002110 -0.003254 0.999993 1.1055 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.3 mm

## Deviation histogram

Points



## Scan '125'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

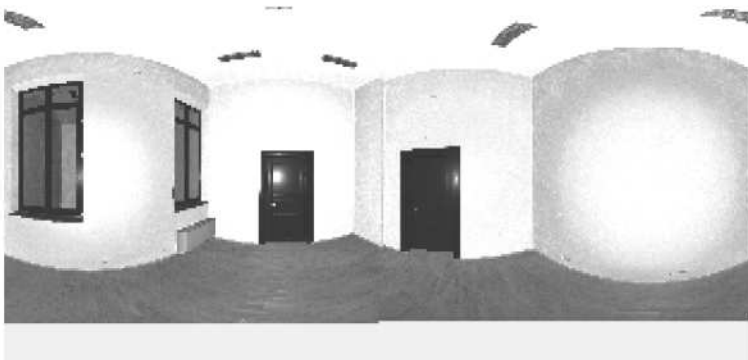
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCServer 9.0.3/ -memorize 1 -file "125" -scanspos "125" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 0.998204 bar 126.015 m  
nav translation: -1.6193 m 0.8456 m 125.5872 m accuracies: 6.0198 m 6.0198 m 0.0001 m  
nav rotation: 0.0000 0.0000 272.6472 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.046 -0.999 0.000 -60.321  
0.999 0.046 0.000 -11.333  
0.000 0.000 1.000 136.522  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



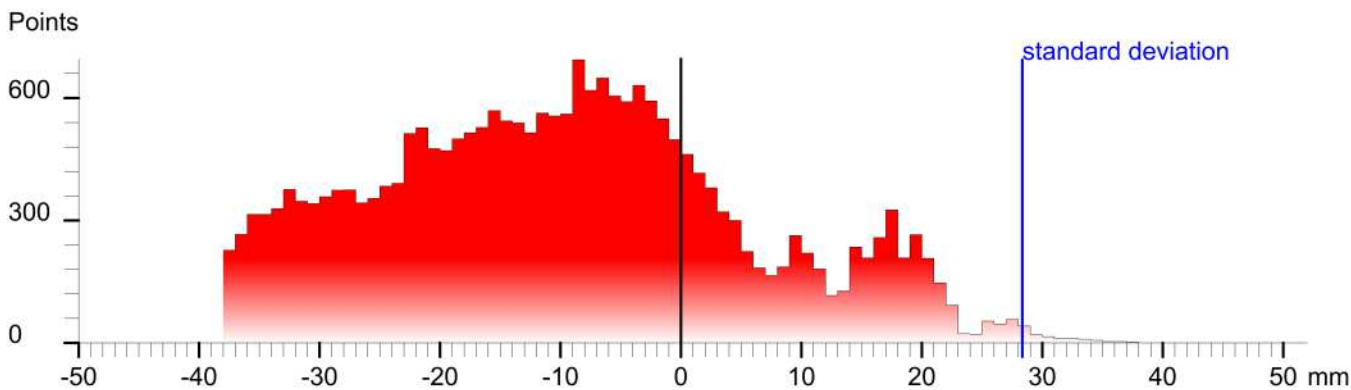
# Scan position '126'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.039023	-0.999091	-0.017125	-26.1803 m
0.999213	0.038893	0.007916	39.9330 m
-0.007244	-0.017420	0.999822	1.1254 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 28.3 mm

## Deviation histogram



## Scan '126'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "126" -scenpos "126" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -interval "20" -to1 "340"
```

Sensor

sensors: 3096 'barometer translation rotation'  
Barometer: 0.998086 bar 127.013 m  
nav translation: -2.8774 m 3.1620 m 126.5220 m accuracies: 7.2784 m 7.2784 m 0.0004 m  
nav rotation: 0.0000 0.0000 262.0108 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.139 -0.990 0.000 -63.198  
0.990 -0.139 0.000 -8.171  
0.000 0.000 1.000 137.457  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '127'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

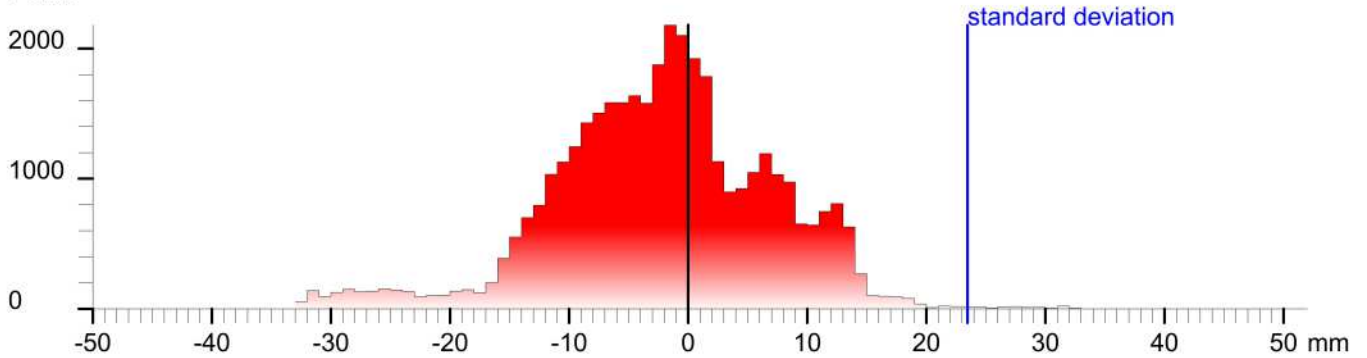
Registration matrix:

```
0.947323 -0.319327 -0.024649 -28.6866 m
0.319772 0.947347 0.016825 42.0977 m
0.017978 -0.023822 0.999555 1.0491 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:23.5 mm

## Deviation histogram

Points



## Scan '127'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

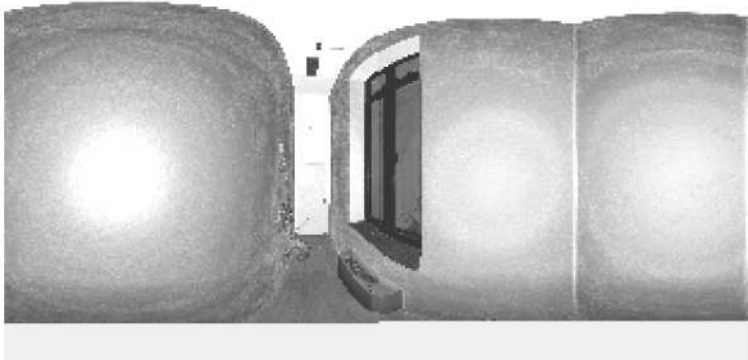
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "127" -scenpos "127" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho1 "340"

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.998041 bar 127.39 m  
nav translation: -1.4408 m 3.2930 m 127.1059 m accuracies: 6.9247 m 6.9247 m 0.0000 m  
nav rotation: 0.0000 0.0000 349.5193 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.983 -0.182 0.000 -64.639  
0.182 0.983 0.000 -4.878  
0.000 0.000 1.000 138.041  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '128'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

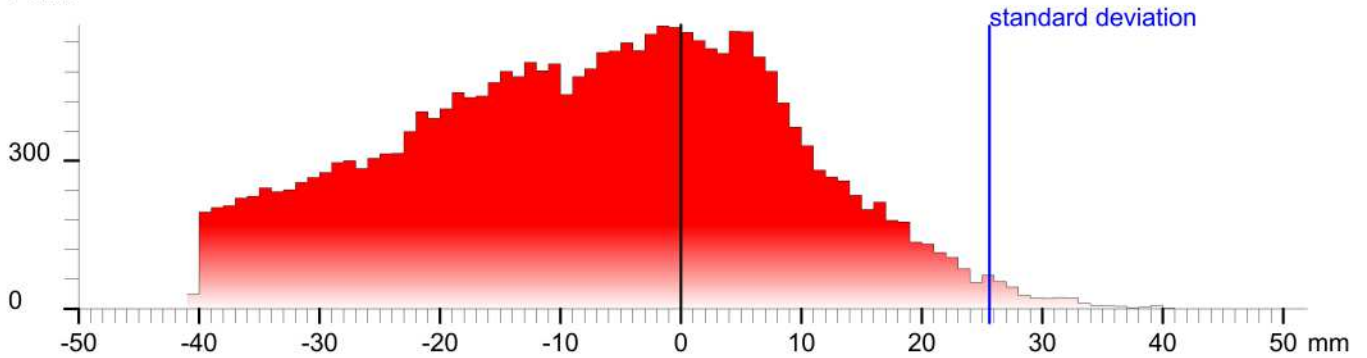
Registration matrix:

```
0.839939 -0.542674 -0.002445 -22.7665 m
0.542643 0.839822 0.015453 39.3627 m
-0.006333 -0.014307 0.999878 1.1311 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:25.6 mm

## Deviation histogram

Points



## Scan '128'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

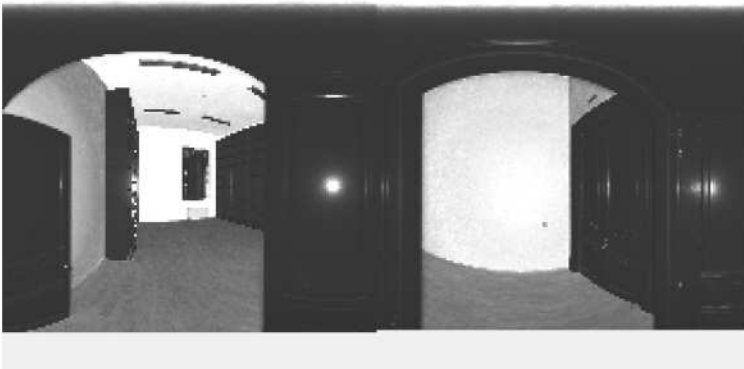
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "128" -scenpos "128" -path "Bibikotea Virgil Cernanopol 2" -project "Bibikotea Virgil Cernanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hkonm "20" -ho1 "340"
```

```
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 0.997836 bar 129.121 m
nav translation: 5.2152 m 4.0795 m 128.5049 m accuracies: 8.4276 m 8.4276 m 0.0000 m
nav rotation: 0.0000 0.0000 317.1011 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.733 -0.681 0.000 -59.424
0.681 0.733 0.000 -0.799
0.000 0.000 1.000 139.440
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '129'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

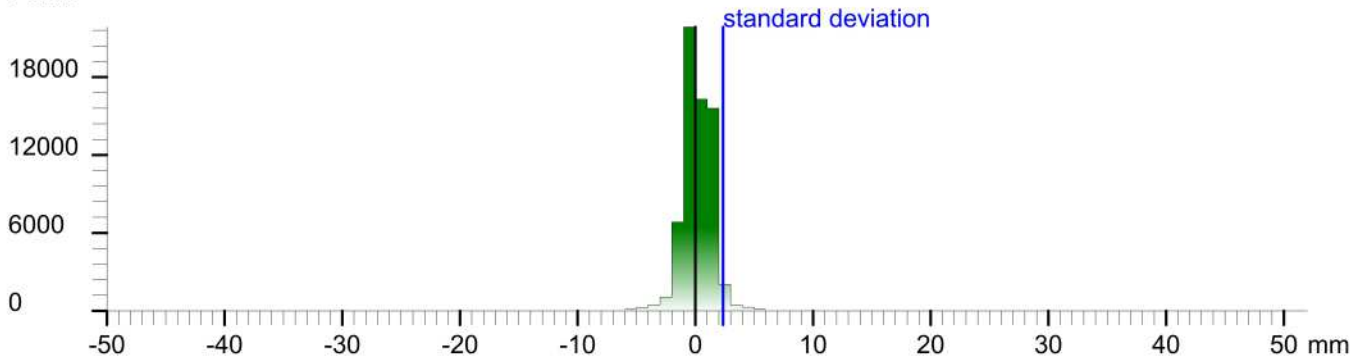
Registration matrix:

0.780202	-0.625525	-0.001175	-18.6476 m
0.625468	0.780104	0.015130	39.9519 m
-0.008548	-0.012540	0.999885	1.1321 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.4 mm

## Deviation histogram

Points



## Scan '129'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

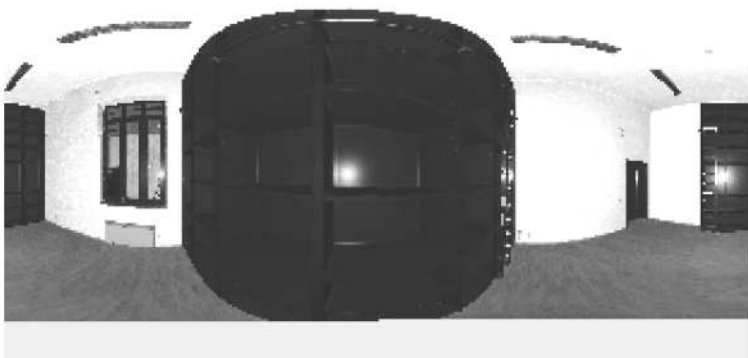
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCServer 9.0.3/ -memorize 1 -file "129" -scenpos "129" -path "Bibikoteza Virgil Cazanopol 2" -project "Bibikoteza Virgil Cazanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997724 bar 130.065 m  
nav translation: 3.0066 m 5.7135 m 129.5240 m accuracies: 8.3582 m 8.3582 m 0.0000 m  
nav rotation: 0.0000 0.0000 333.6267 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.896 -0.444 0.000 -56.417  
0.444 0.896 0.000 4.915  
0.000 0.000 1.000 140.459  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '13'

Scan position is member of group(s):

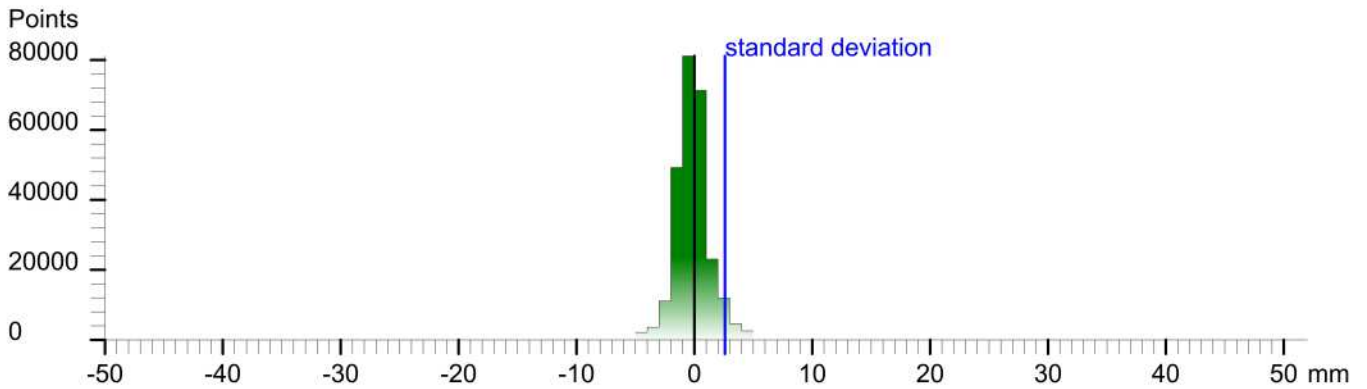
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.138744 -0.990327 -0.001718 -13.9355 m
0.990327 -0.138746 0.001256 48.7592 m
-0.001482 -0.001527 0.999998 -0.9549 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.6 mm

## Deviation histogram



## Scan '13'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "13" -scanspot "13" -path "Bibloteca Virgil Caranopol 2" -project "Bibloteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h-quality default -fcom "0" -do "101" -rfcom1 "20" -Ho1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.013793 bar -4.51545 m
nav translation: 1.5587 m 2.0393 m -4.9760 m accuracies: 6.4256 m 6.4256 m 0.0001 m
nav rotation: 0.0000 0.0000 0.0000 259.9730 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110912 long:24.349092 satellites:4 height:144.3m hdop:4.2 vdop:5.7m hacc:7.4m vacc:13.0 flags:G3 'stand alone 3D solution'
north:4887608.889 m east:287859.711 m zone:35T
Initial pre position (3:outdoor)
-0.174 -0.985 0.000 -1.568
0.985 -0.174 0.000 42.624
0.000 0.000 1.000 5.959
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '130'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

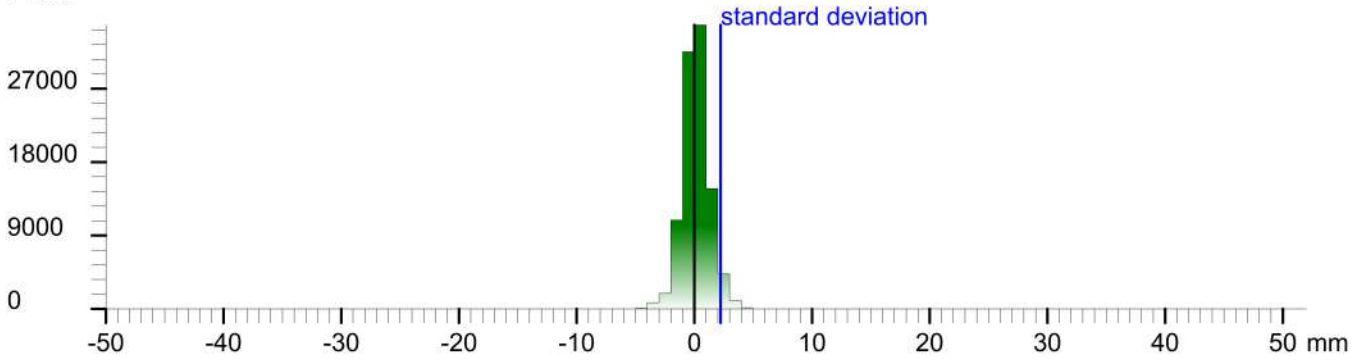
Registration matrix:

```
0.196031 -0.980595 -0.001891 -20.4042 m
0.980481 0.195978 0.015882 42.3776 m
-0.015204 -0.004967 0.999872 1.0923 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram

Points



## Scan '130'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "130" -scenpos "130" -path "Bibikoteza Virgi Cataropol 2" -project "Bibikoteza Virgi Cataropol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho1 "340"
```

```
Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997642 bar 130.752 m  
nav translation: -0.6653 m 1.9273 m 130.3973 m accuracies: 6.1453 m 6.1453 m 0.0000 m  
nav rotation: 0.0000 0.0000 283.8969 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.240 -0.971 0.000 -57.082  
0.971 0.240 0.000 6.842  
0.000 0.000 1.000 141.332  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



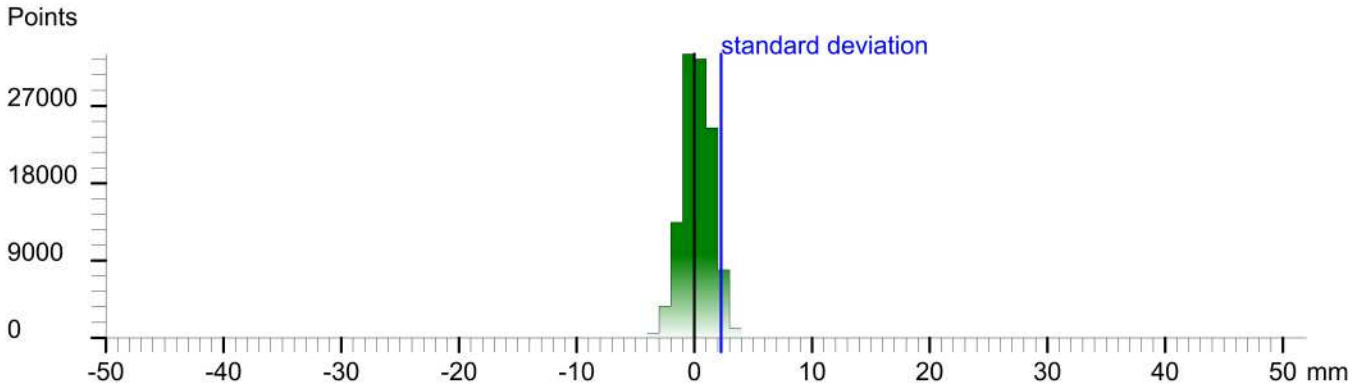
# Scan position '131'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.852021	0.523499	-0.003008	-18.5639 m
-0.523494	0.852026	0.002904	36.1855 m
0.004083	-0.000901	0.999991	1.1807 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram



## Scan '131'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "131" -scenpos "131" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -interval "20" -to1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997558 bar 131.462 m  
nav translation: -2.5286 m -2.9983 m 131.1016 m accuracies: 7.0744 m 7.0744 m 0.0000 m  
nav rotation: 0.0000 0.0000 36.6065 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.803 0.596 0.000 -59.611  
-0.596 0.803 0.000 3.844  
0.000 0.000 1.000 142.037  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '132'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

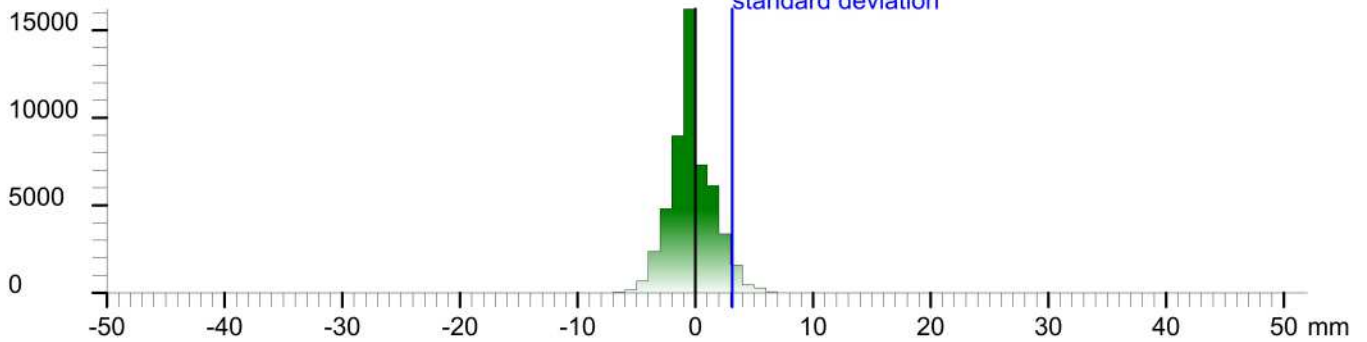
Registration matrix:

```
0.981992 -0.188892 -0.003195 -17.0901 m
0.188899 0.981994 0.002634 37.4802 m
0.002639 -0.003191 0.999991 1.1754 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.1 mm

## Deviation histogram

Points



## Scan '132'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

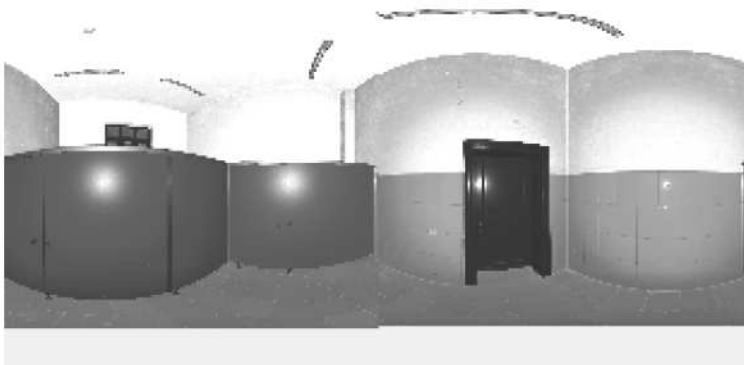
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCServer 9.0.3/ -memorize 1 -file "132" -scaepos "132" -path "Bibikoteca Virgil Caramopol 2" -project "Bibikoteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997481 bar 132.112 m  
nav translation: 2.2094 m -0.9797 m 132.0055 m accuracies: 6.3162 m 6.3162 m 0.0000 m  
nav rotation: 0.0000 0.0000 357.6397 accuracies: 0.0000 0.0000 126.9816  
upside-down: no  
Initial pre position (0:indoor)  
0.999 -0.041 0.000 -57.402  
0.041 0.999 0.000 2.864  
0.000 0.000 1.000 142.941  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '133'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

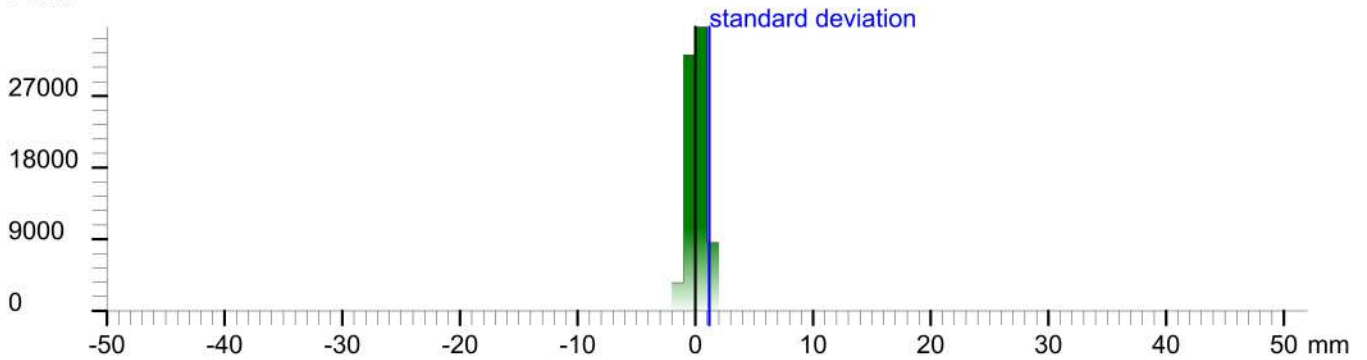
Registration matrix:

```
0.726785 -0.686860 -0.002137 -15.3795 m
0.686864 0.726786 0.001713 36.7490 m
0.000375 -0.002713 0.999996 1.1855 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan '133'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

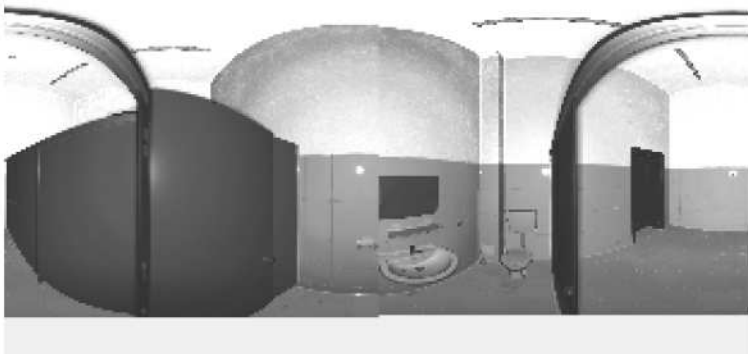
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "133" -scaepos "133" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-f" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hnorm "20" -ho "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997405 bar 132.751 m  
nav translation: 3.0573 m 1.5175 m 132.4946 m accuracies: 6.8200 m 6.8200 m 0.0000 m  
nav rotation: 0.0000 0.0000 328.5413 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.853 -0.522 0.000 -54.344  
0.522 0.853 0.000 4.381  
0.000 0.000 1.000 143.430  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '134'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

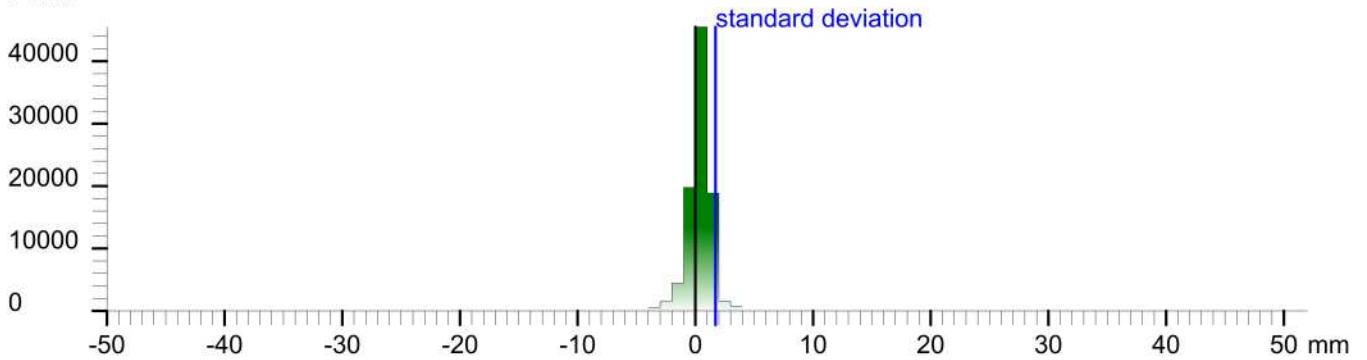
Registration matrix:

```
0.972928 -0.231085 -0.003074 -17.1225 m
0.231094 0.972927 0.003463 38.8429 m
0.002189 -0.004081 0.999989 1.1731 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram

Points



## Scan '134'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

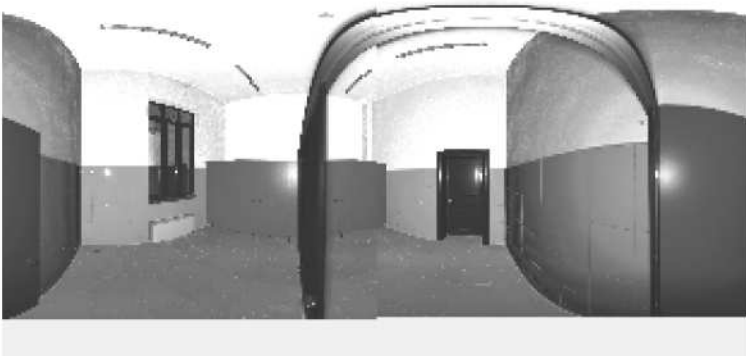
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "134" -scenpos "134" -path "Bibloteca Virgil Caramopol 2" -project "Bibloteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution-h-quality-default-ffrom "0" -fo "101" -hnorm "20" -ho1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997439 bar 132.463 m  
nav translation: 0.4351 m 2.4702 m 132.3698 m accuracies: 6.3828 m 6.3828 m 0.0000 m  
nav rotation: 0.0000 0.0000 357.7672 accuracies: 0.0000 0.0000 175.0231  
upside-down: no  
Initial pre position (0-indoor)  
0.999 -0.039 0.000 -53.909  
0.039 0.999 0.000 6.852  
0.000 0.000 1.000 143.325  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '135'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

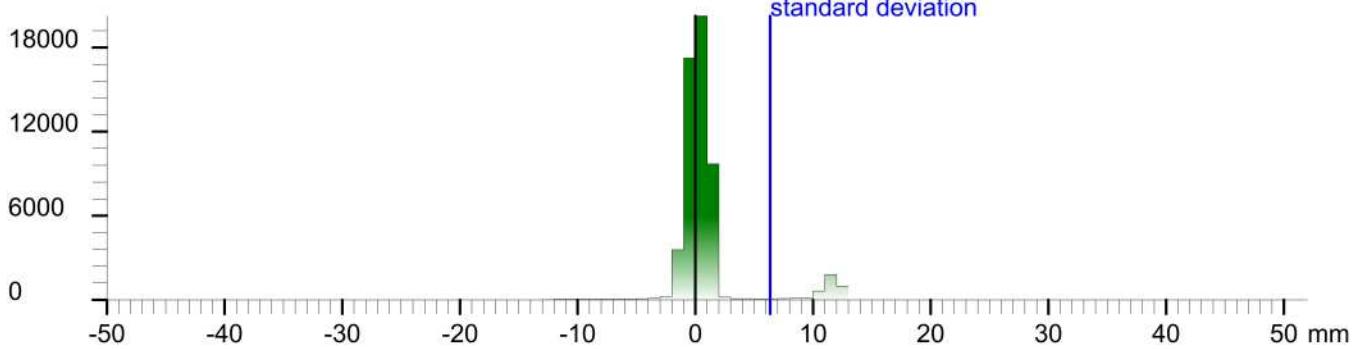
Registration matrix:

```
0.632776 0.774332 -0.002013 -14.7380 m
-0.774332 0.632779 0.001802 37.6086 m
0.002669 0.000417 0.999996 1.1812 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:6.4 mm

## Deviation histogram

Points



## Scan '135'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

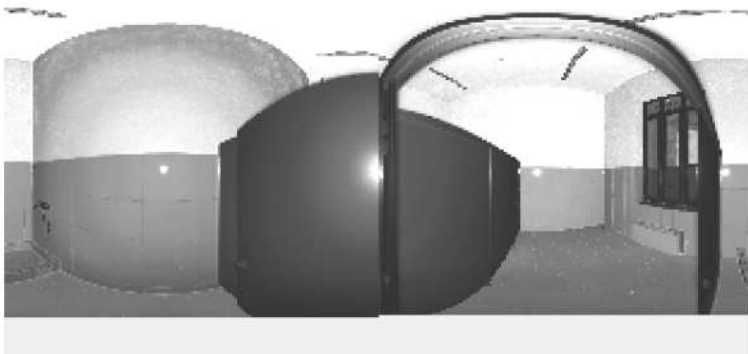
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCServer 9.0.3/ -memorize 1 -file "135" -scenpos "135" -path "Bibikoteza Virgi Cataropol 2" -project "Bibikoteza Virgi Cataropol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test -resolution h -quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997408 bar 132.725 m  
nav translation: 2.6558 m -1.3479 m 132.3772 m accuracies: 6.5965 m 6.5965 m 0.0000 m  
nav rotation: 0.0000 0.0000 54.9558 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.574 0.819 0.000 -51.253  
-0.819 0.574 0.000 5.504  
0.000 0.000 1.000 143.312  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



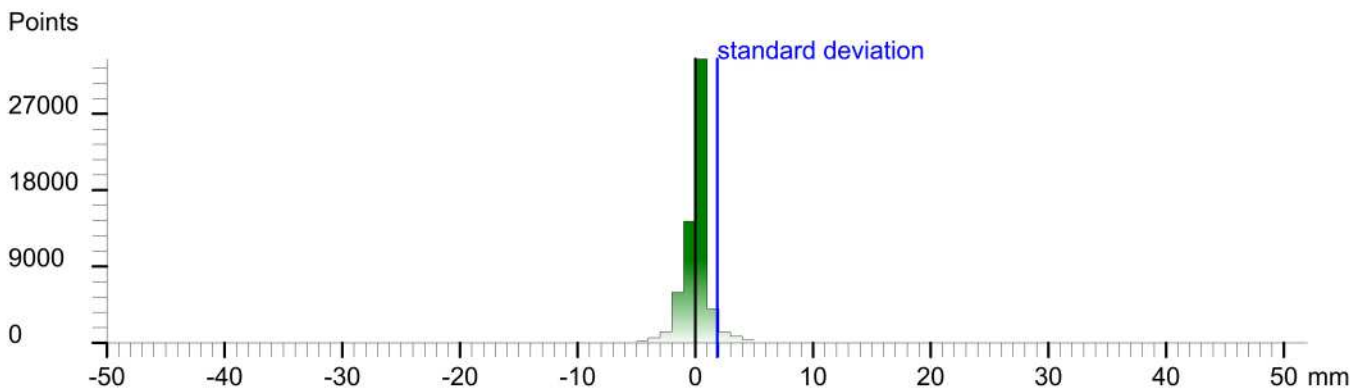
# Scan position '136'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.311573 -0.950217 -0.002996 -15.1931 m
0.950221 0.311567 0.002788 33.7457 m
-0.001718 -0.003716 0.999992 1.1890 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram



## Scan '136'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "136" -scaepos "136" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 0.997416 bar 132.659 m
nav translation: 2.5601 m 1.0122 m 132.3768 m accuracies: 6.4812 m 6.4812 m 0.0000 m
nav rotation: 0.0000 0.0000 298.8094 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.482 -0.876 0.000 -48.693
0.876 0.482 0.000 6.516
0.000 0.000 1.000 143.312
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '137'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

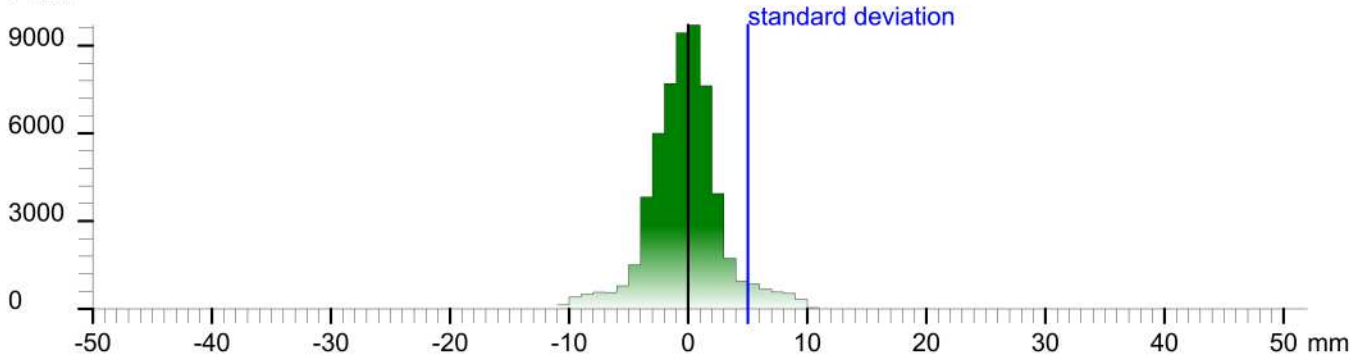
Registration matrix:

```
0.877611 -0.479370 -0.001823 -11.5558 m
0.479372 0.877600 0.004711 36.7733 m
-0.000660 -0.005010 0.999988 1.1829 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.0 mm

## Deviation histogram

Points



## Scan '137'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

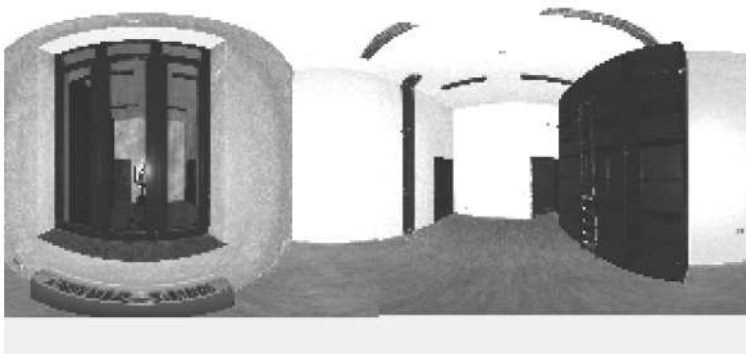
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "137" -scenpos "137" -path "Biblioteca Virgil Caranopol 2" -project "Biblioteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom "20" -ho "1340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997520 bar 131.784 m  
nav translation: 2.3778 m 4.4742 m 131.8734 m accuracies: 7.6647 m 7.6647 m 0.0000 m  
nav rotation: 0.0000 0.0000 346.4042 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.972 -0.235 0.000 -46.315  
0.235 0.972 0.000 10.990  
0.000 0.000 1.000 142.809  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '138'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

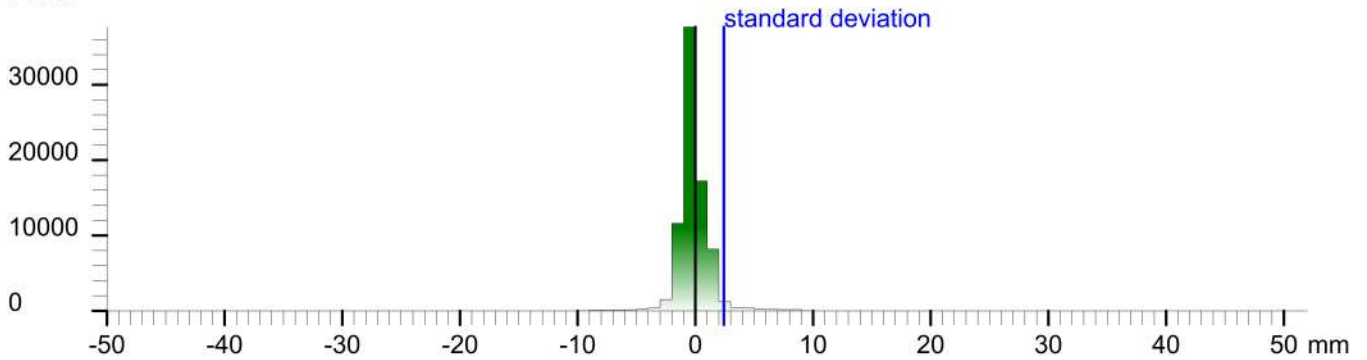
Registration matrix:

```
-0.298932 -0.954271 -0.002547 -11.7191 m
0.954271 -0.298937 0.002462 32.4677 m
-0.003112 -0.001694 0.999994 1.1955 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.4 mm

## Deviation histogram

Points



## Scan '138'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCServer 9.0.3 -memorize 1 -file "138" -scenpos "138" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom "20" -ho "138"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997330 bar 133.385 m  
nav translation: 0.0000 m 0.0000 m 133.0552 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 255.1198 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.257 -0.966 0.000 -46.315  
0.966 -0.257 0.000 10.990  
0.000 0.000 1.000 143.990  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



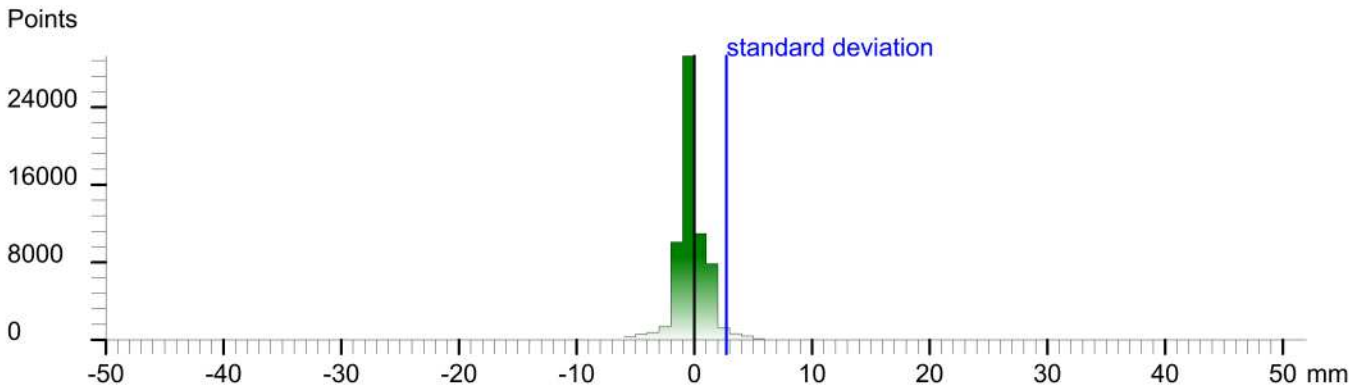
# Scan position '139'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.927972  0.372646 -0.001284 -10.4700 m  
-0.372643 0.927970  0.003429  32.2793 m  
0.002469 -0.002705  0.999994   1.1874 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 2.7 mm

## Deviation histogram



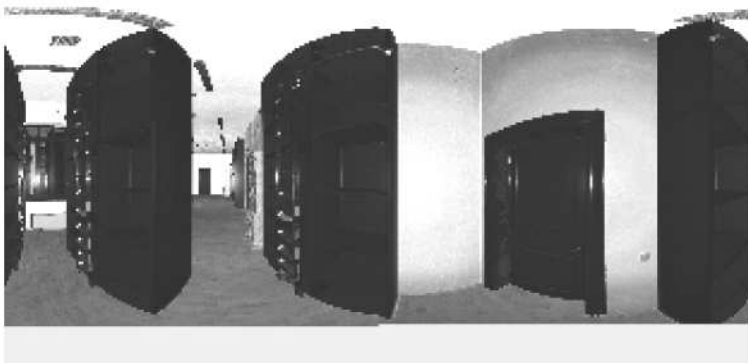
## Scan '139'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZRCServer 9.0.3" -memorize 1 -file "139" -scaepos "139" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom "20" -ho "1340"  
Sensor  
sensors: 3096 " barometer translation rotation"  
Barometer: 0.997386 bar 132.909 m  
nav translation: 0.2861 m 0.0345 m 133.0898 m accuracies: 5.2583 m 5.2583 m 0.0000 m  
nav rotation: 0.0000 0.0000 28.9933 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.875 0.485 0.000 -46.029  
-0.485 0.875 0.000 11.025  
0.000 0.000 1.000 144.025  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '14'

Scan position is member of group(s):

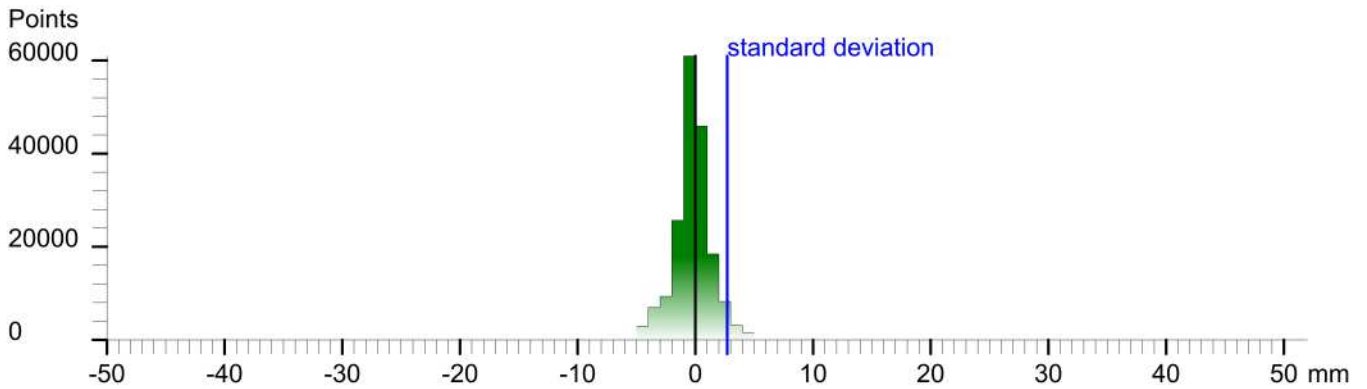
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
0.128820 -0.991667 -0.001649 -19.5425 m
0.991668 0.128818 0.001237 50.2875 m
-0.001014 -0.001794 0.999998 -1.2207 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.7 mm

## Deviation histogram



## Scan '14'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "14" -scorpio "14" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -efcom "20" -Ho1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.013700 bar -3.74365 m
nav translation: -3.0031 m 8.5295 m -4.4286 m accuracies: 9.6934 m 9.6934 m 0.0001 m
nav rotation: 0.0000 0.0000 274.4290 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.111004 long:24.349037 satellites:3 height:147.8m hdop:17.6 vdop:1.0m hacc:13.4m vacc:8.9 flags:G2 'stand alone 2D solution'
north:4887619.201 m east:287855.613 m zone:35T
Initial pre position (3:outdoor)
0.077 -0.997 0.000 -4.571
0.997 0.077 0.000 51.154
0.000 0.000 1.000 6.507
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '140'

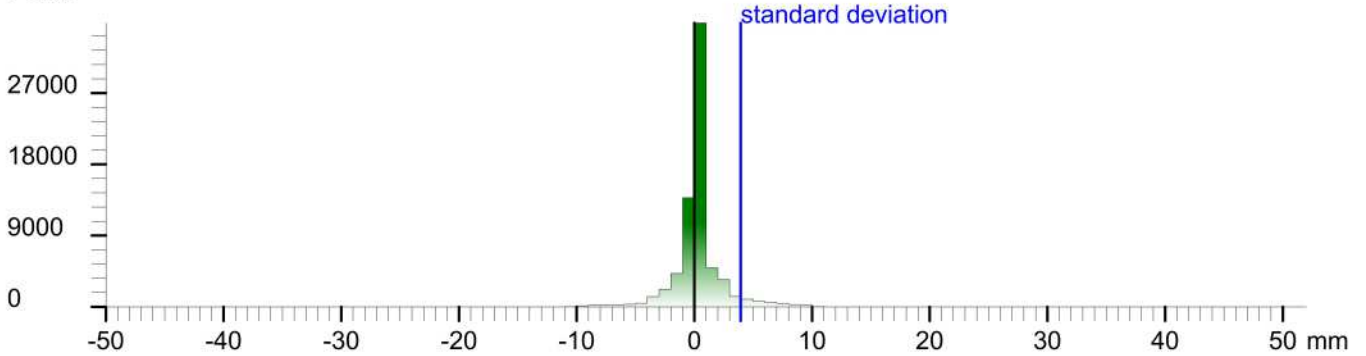
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.807999 -0.589183 -0.001433 -8.1506 m  
0.589179 -0.807998 0.003330 34.5814 m  
-0.003120 0.001848 0.999994 1.1847 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.9 mm

## Deviation histogram

Points



## Scan '140'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "140" -scaepos "140" -path "Bibikoteza Virgil Cazanopol 2" -project "Bibikoteza Virgil Cazanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hkonm1 "20" -ho1 "340"
```

Sensor

```
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997373 bar 133.022 m  
nav translation: -0.7208 m -0.1859 m 133.1422 m accuracies: 5.5081 m 5.5081 m 0.0000 m  
nav rotation: 0.0000 0.0000 213.6956 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.832 -0.555 0.000 -46.750  
0.555 -0.832 0.000 10.839  
0.000 0.000 1.000 144.077  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '141'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

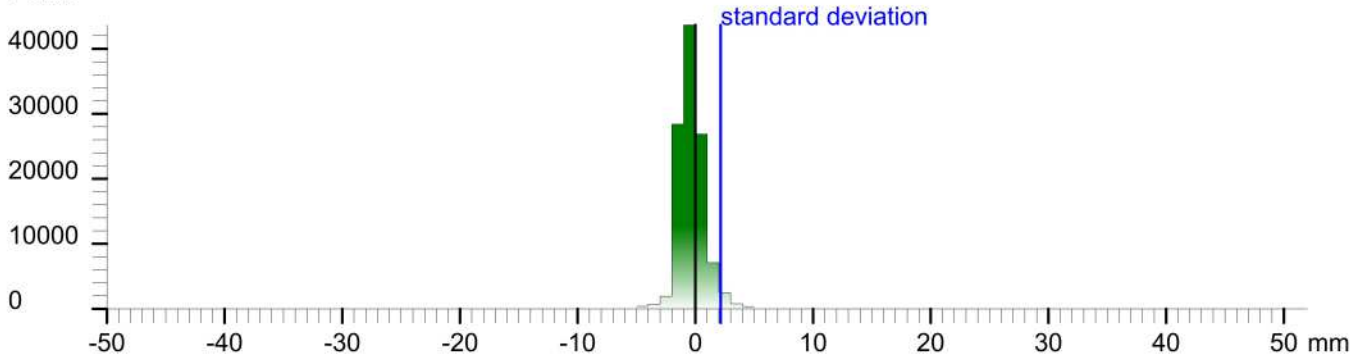
Registration matrix:

```
0.997789 -0.066437 -0.001405 -7.0853 m
0.066440 0.997785 0.003654 32.5129 m
0.001158 -0.003741 0.999993 1.1968 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.1 mm

## Deviation histogram

Points



## Scan '141'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "141" -scenpos "141" -path "Biblioteca Virgil Caramopol 2" -project "Biblioteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997335 bar 133.343 m  
nav translation: 3.6585 m -2.0871 m 132.9849 m accuracies: 7.2250 m 7.2250 m 0.0000 m  
nav rotation: 0.0000 0.0000 357.5554 accuracies: 0.0000 0.0000 162.0498  
upside-down: no  
Initial pre position (0:indoor)  
0.999 -0.043 0.000 -43.092  
0.043 0.999 0.000 8.751  
0.000 0.000 1.000 143.920  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '142'

Scan position is member of group(s):

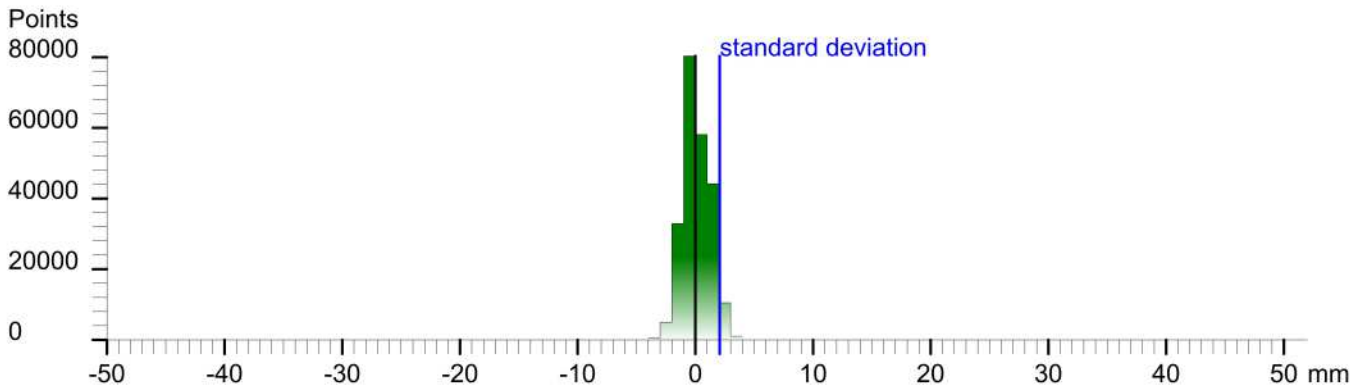
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
0.994290  0.106704 -0.001228 -4.9246 m
-0.106702 0.994287  0.003201 29.4356 m
0.001562 -0.003054  0.999994  1.2091 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.1 mm

## Deviation histogram



## Scan '142'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "RCSense 9.0.3" -memorize 1 -file "142" -scenpos "142" -path "Bibloteca Virgil Caranopol 2" -project "Bibloteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams test -resolution h -quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997215 bar 134.356 m  
nav translation: 2.8376 m 0.7578 m 133.9928 m accuracies: 6.5750 m 6.5750 m 0.0000 m  
nav rotation: 0.0000 0.0000 9.6185 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.986 0.167 0.000 -40.254  
-0.167 0.986 0.000 9.509  
0.000 0.000 1.000 144.928  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '143'

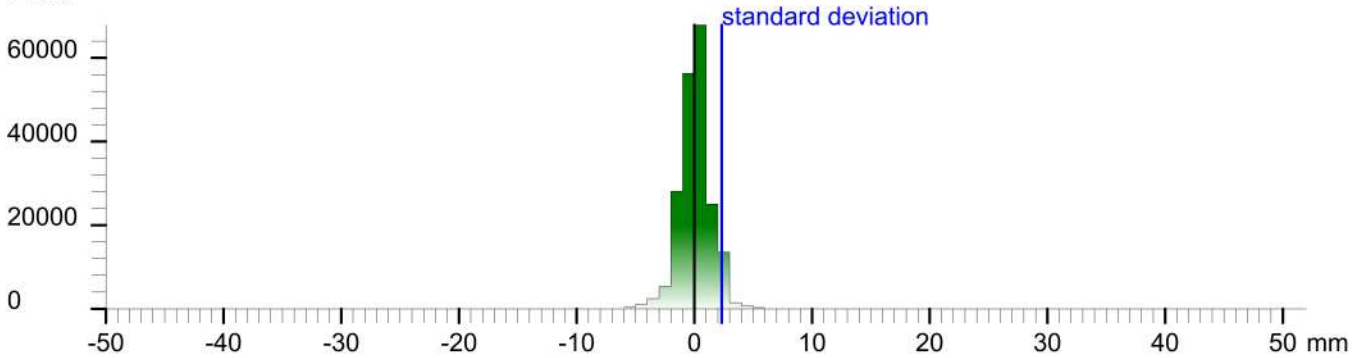
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.642290 0.766462 -0.000175 0.3474 m  
-0.766461 0.642288 0.002395 26.7703 m  
0.001949 -0.001405 0.999997 1.2182 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram

Points



## Scan '143'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSEnser 9.0.3/ -memorize 1 -file "143" -scanspos "143" -path "Bibloteca Virgil Catedral 2" -project "Bibloteca Virgil Catedral 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test -resolution h -quality default -ffrom "0" -to "101" -hfrom "20" -to "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997355 bar 133.173 m  
nav translation: 3.4979 m 0.1236 m 134.2902 m accuracies: 6.8574 m 6.8574 m 0.0000 m  
nav rotation: 0.0000 0.0000 54.6608 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.578 0.816 0.000 -36.756  
-0.816 0.578 0.000 9.633  
0.000 0.000 1.000 145.225  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '144'

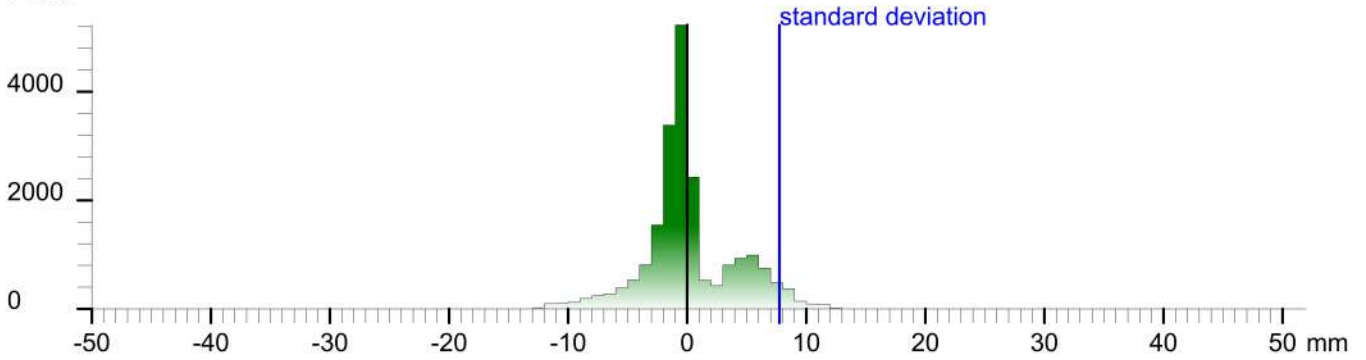
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.408496	0.912758	0.001487	1.8074 m
-0.912759	0.408490	0.002911	25.0665 m
0.002051	-0.002548	0.999995	1.2212 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 7.7 mm

## Deviation histogram

Points



## Scan '144'

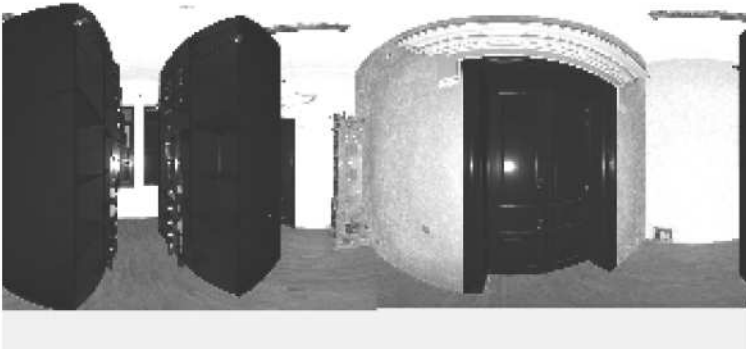
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "RCSense 9.0.3" -memorize 1 -file "144" -scenpos "144" -path "Biblioteca Virgil Caramopol 2" -project "Biblioteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hnorm1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997646 bar 130.721 m  
nav translation: 1.0077 m -0.6125 m 130.9131 m accuracies: 5.6920 m 5.6920 m 0.0000 m  
nav rotation: 0.0000 0.0000 67.5440 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.382 0.924 0.000 -35.748  
-0.924 0.382 0.000 9.020  
0.000 0.000 1.000 141.848  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



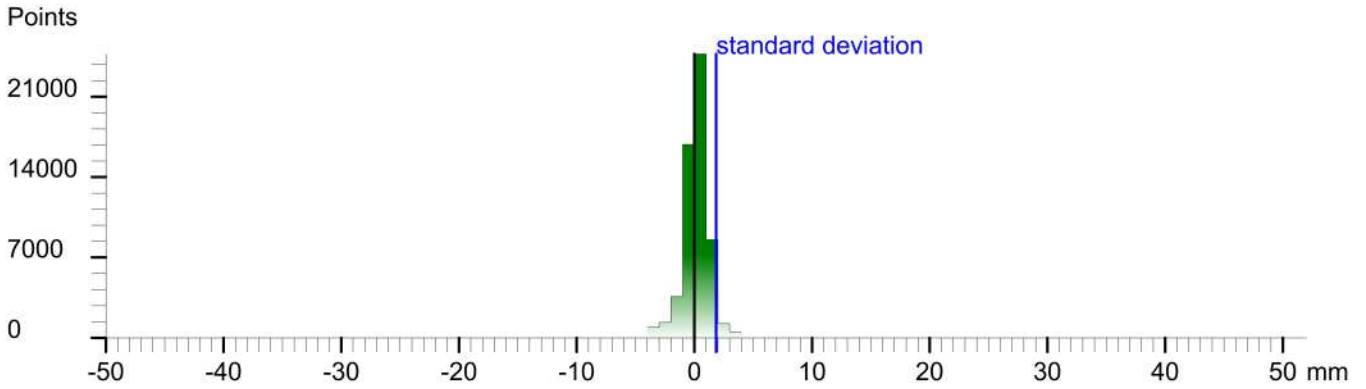
# Scan position '145'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.853388	-0.521276	0.000019	2.7761 m
0.521270	0.853382	0.004223	26.4322 m
-0.002219	-0.003595	0.999991	1.2147 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram



## Scan '145'

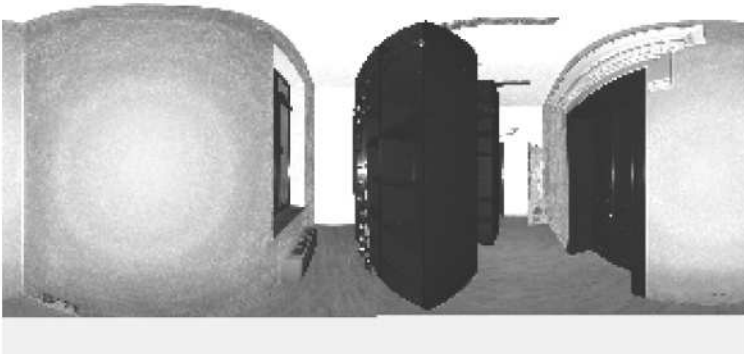
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "145" -scenpos "145" -path "Biblioteca Virgil Caramopol 2" -project "Biblioteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution-h-quality-default-ffrom "0" -fo "101" -hnorm "20" -ho "1" "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997636 bar 130.801 m  
nav translation: 0.5144 m 0.6072 m 131.2661 m accuracies: 5.5018 m 5.5018 m 0.0000 m  
nav rotation: 0.0000 0.0000 332.4247 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.886 -0.463 0.000 -35.234  
0.463 0.886 0.000 9.628  
0.000 0.000 1.000 142.201  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '146'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

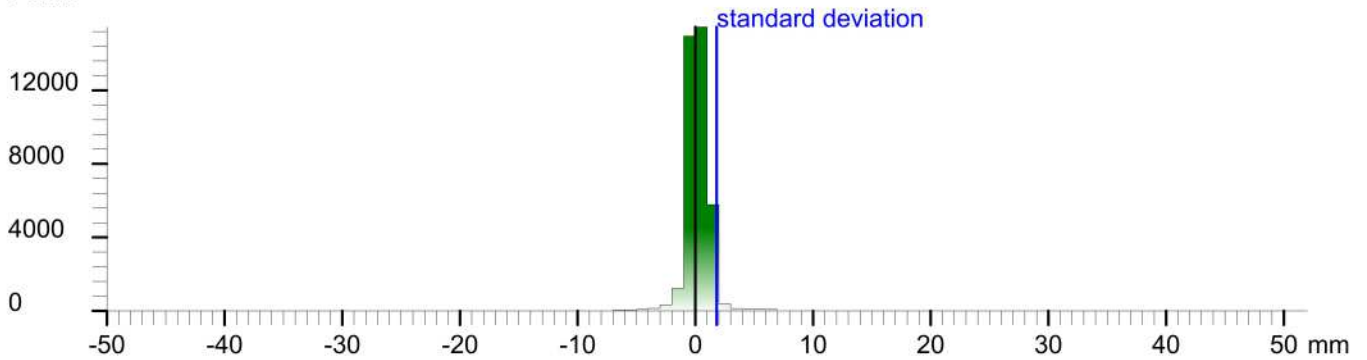
Registration matrix:

0.412702	0.910865	0.001570	5.2903 m
-0.910865	0.412694	0.003419	24.5678 m
0.002467	-0.002842	0.999993	1.2147 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan '146'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 5016" -memorize 1 -file "146" -scaepos "146" -path "Bibikoteza Virgil Cazanopol 2" -project "Bibikoteza Virgil Cazanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hnorm "20" -ho "1" "340"
```

Sensor

sensors: 3100 \* barometer translation rotation gps\*

Barometer: 0.997720 bar 130.096 m

nav translation: 1.2272 m 0.2859 m 129.9252 m accuracies: 5.7452 m 5.7452 m 0.0000 m

nav rotation: 0.0000 0.0000 68.0558 accuracies: 0.0000 0.0000 15.0000

upside-down: no

GPS lat:44.110676 long:24.349119 satellites:3 height:122.3m hdop:6.3 vdop:1.0m hacc:18.8m vacc:13.8 flags:G2 'stand alone 2D solution'

north:4887582.550 m east:287861.002 m zone:35T

Initial pre position (0:indoor)

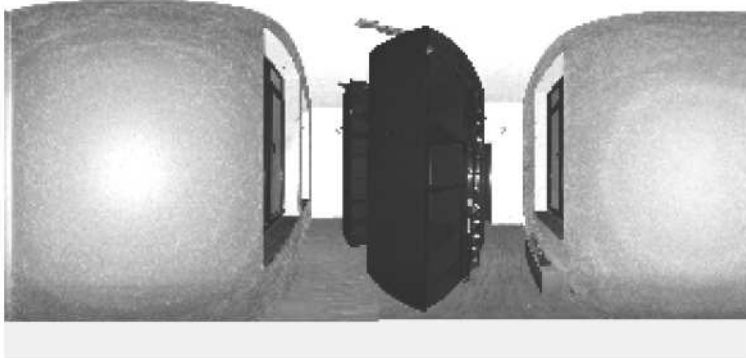
0.374 0.928 0.000 -34.007

-0.928 0.374 0.000 9.914

0.000 0.000 1.000 140.860

0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '147'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

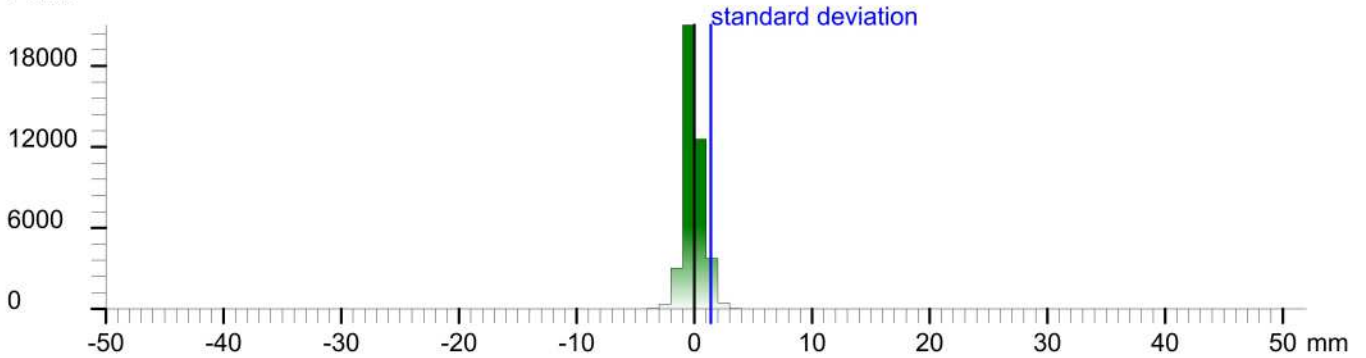
Registration matrix:

0.990371	0.138434	-0.000434	3.0960 m
-0.138434	0.990367	0.003429	22.0735 m
0.000904	-0.003337	0.999994	1.2252 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram

Points



## Scan '147'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

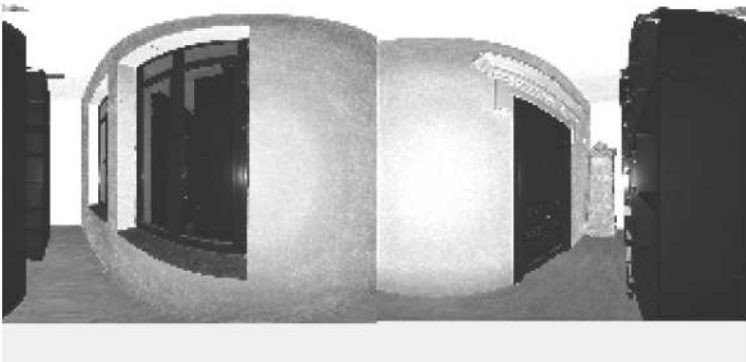
Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./memorize -s "147" -scans "147" -path "Bibikotea Virgi Cataract 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-f" -panoramaparams test-resolution-h-quality-default -from "0" -to "101" -interval "20" -to1 "347"`

Sensor

sensors: 3096 'barometer translation rotation'  
Barometer: 0.997612 bar 131.006 m  
nav translation: 1.1657 m 0.2070 m 130.4548 m accuracies: 5.7180 m 5.7180 m 0.0000 m  
nav rotation: 0.0000 0.0000 10.6323 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.983 0.185 0.000 -32.841  
-0.185 0.983 0.000 10.121  
0.000 0.000 1.000 141.390  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



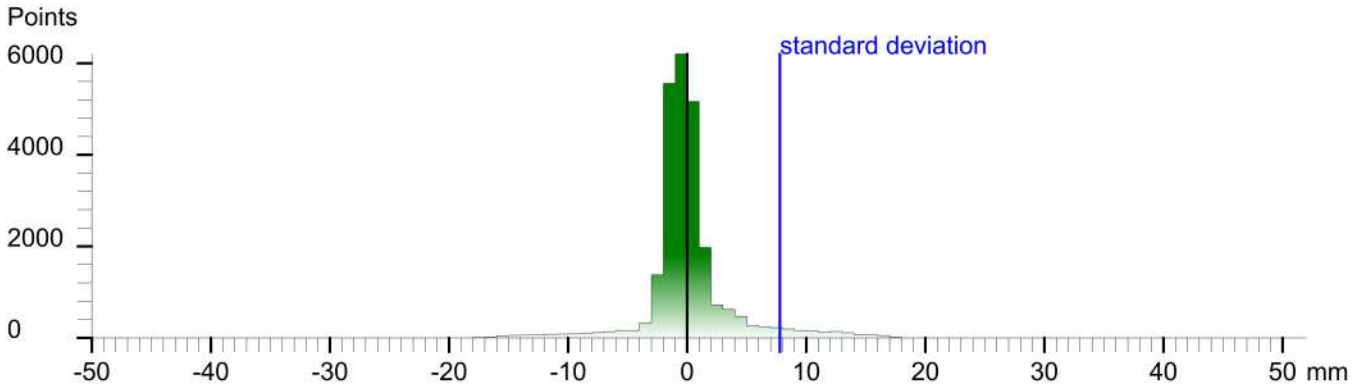
# Scan position '148'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.714638 -0.699492 -0.001707 1.1179 m  
0.699492 -0.714640 0.001654 22.0517 m  
-0.002378 -0.000010 0.999997 1.2244 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 7.8 mm

## Deviation histogram



## Scan '148'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "148" -scenpos "148" -path "Biblioteca Virgil Caramopol 2" -project "Biblioteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hnorm1 "20" -ho1 "340"  
Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997506 bar 131.903 m  
nav translation: 0.0000 m 0.0000 m 131.0615 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 223.2195 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.729 -0.685 0.000 -32.841  
0.685 -0.729 0.000 10.121  
0.000 0.000 1.000 141.997  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



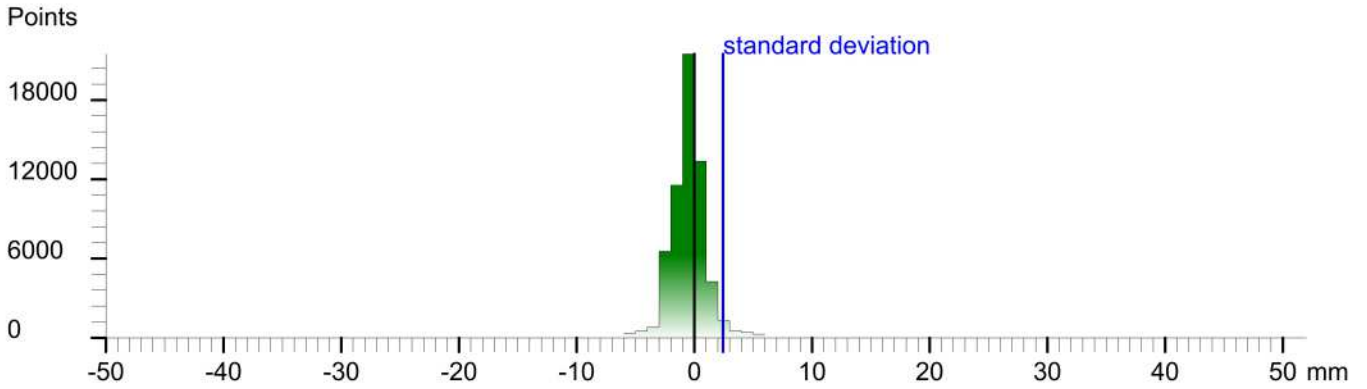
# Scan position '149'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.576751	0.816919	-0.001734	-1.0875 m
-0.816921	0.576752	0.001050	18.5380 m
0.001859	0.000810	0.999998	1.2221 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.4 mm

## Deviation histogram



## Scan '149'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "149" -scaepos "149" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom "20" -ho "1349"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997406 bar 132.745 m  
nav translation: 2.7298 m -0.4718 m 132.7675 m accuracies: 6.5062 m 6.5062 m 0.0000 m  
nav rotation: 0.0000 0.0000 56.7593 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.548 0.836 0.000 -30.111  
-0.836 0.548 0.000 9.649  
0.000 0.000 1.000 143.703  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '15'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

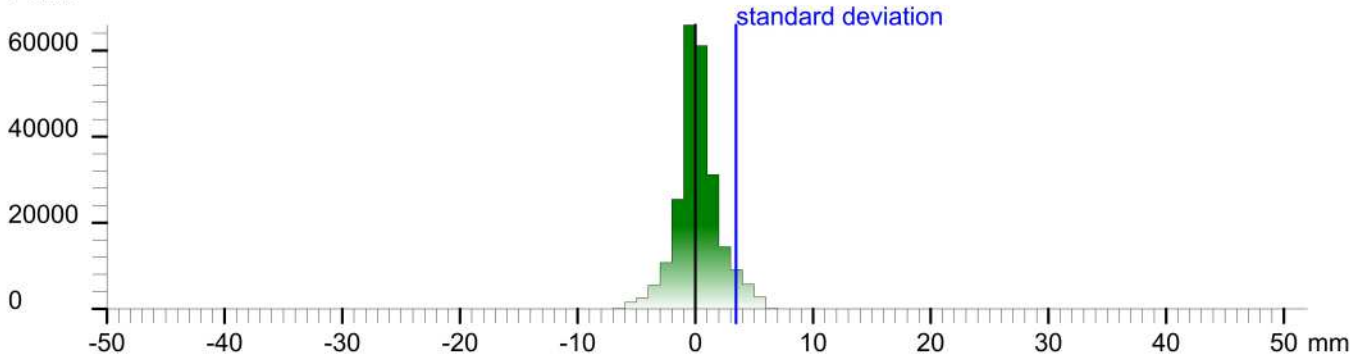
Registration matrix:

```
0.714072 -0.700070 -0.001635 -10.2954 m
0.700071 0.714073 0.000463 -1.7060 m
0.000843 -0.001476 0.999999 -0.0394 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.5 mm

## Deviation histogram

Points



## Scan '15'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -ctrl 'Z+F IMAGER 9.0.3' -memorize 1 -file '15' -scapros '10' -path 'Bibloteca Virgil Caranopol 2' -project 'Bibloteca Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera 'zcam' -panoramaparams fast-resolution h-quality default -fcom '0' -do '101' -rfcom1 '20' -Ho1 '340'
```

Sensor  
sensors: 3100 ' barometer translation rotation gps'  
Barometer: 1.013386 bar -1.1362 m  
nav translation: -32.2686 m -40.5584 m -2.0006 m accuracies: 31.1747 m 31.1747 m 0.0001 m  
nav rotation: 0.0000 0.0000 328.5029 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:44.110462 long:24.349060 satellites:6 height:144.9m hdop:1.8 vdop:1.8m hacc:6.4m vacc:6.2 flags:G3 'stand alone 3D solution'  
north:4887558.975 m east:287855.505 m zone:35T  
Initial pre position (3:outdoor)  
0.853 -0.522 0.000 -22.428  
0.522 0.853 0.000 -14.143  
0.000 0.000 1.000 8.935  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '150'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

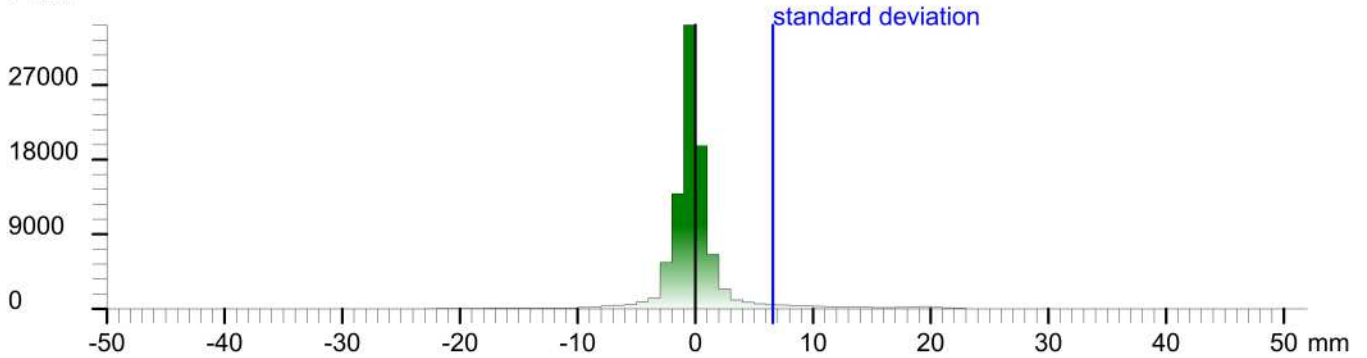
Registration matrix:

```
0.748293 0.663365 -0.002389 -3.3755 m
-0.663364 0.748297 0.001926 21.5668 m
0.003066 0.000142 0.999996 1.2093 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:6.6 mm

## Deviation histogram

Points



## Scan '150'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "150" -scenpos "150" -path "Bibloteca Virgil Catenapoli 2" -project "Bibloteca Virgil Catenapoli 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm1 "20" -ho1 "340"

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997538 bar 131.632 m  
nav translation: 3.0985 m 0.3586 m 131.6591 m accuracies: 6.6733 m 6.6733 m 0.0000 m  
nav rotation: 0.0000 0.0000 44.7468 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.710 0.704 0.000 -27.013  
-0.704 0.710 0.000 10.007  
0.000 0.000 1.000 142.594  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '151'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

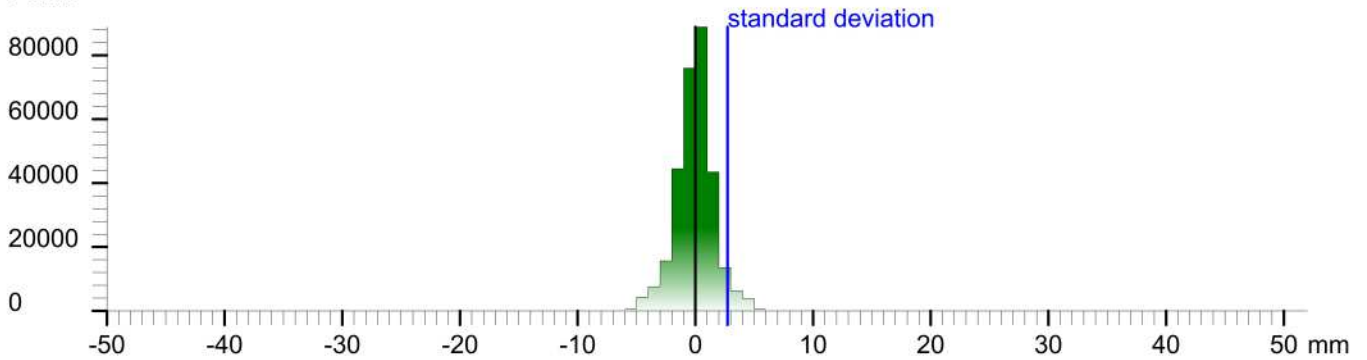
Registration matrix:

```
0.629049 -0.777364 -0.001914 -5.7029 m
0.777366 0.629051 0.000611 23.1260 m
0.000727 -0.001873 0.999998 1.1974 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.7 mm

## Deviation histogram

Points



## Scan '151'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "151" -scenpos "151" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 0.997363 bar 132.941 m  
nav translation: 0.2199 m 1.1669 m 132.2925 m accuracies: 5.7041 m 5.7041 m 0.0000 m  
nav rotation: 0.0000 0.0000 314.7032 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.703 -0.711 0.000 -26.793  
0.711 0.703 0.000 11.174  
0.000 0.000 1.000 143.228  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



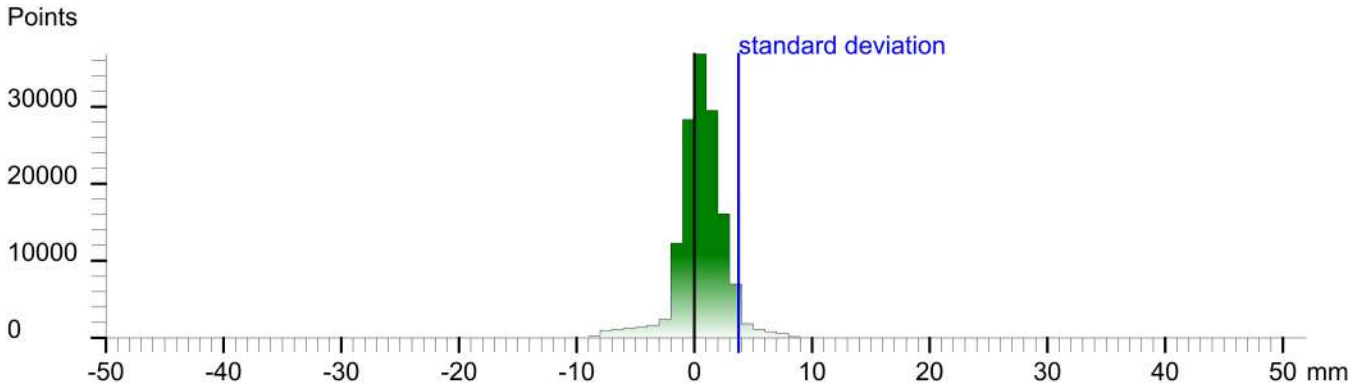
# Scan position '152'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.512603	0.858619	-0.003381	-24.6917 m
-0.858622	0.512609	0.001067	29.7297 m
0.002650	0.002356	0.999993	1.1656 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.8 mm

## Deviation histogram



## Scan '152'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: c:\r\RCServer 9.0.3\memorize 1 -file "152" -scenpos "152" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm1 "20" -ho1 "340"

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.001366 bar 99.4091 m  
nav translation: 0.0000 m 0.0000 m 99.8904 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 66.9688 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.391 0.920 0.000 -26.793  
-0.920 0.391 0.000 11.174  
0.000 0.000 1.000 110.826  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



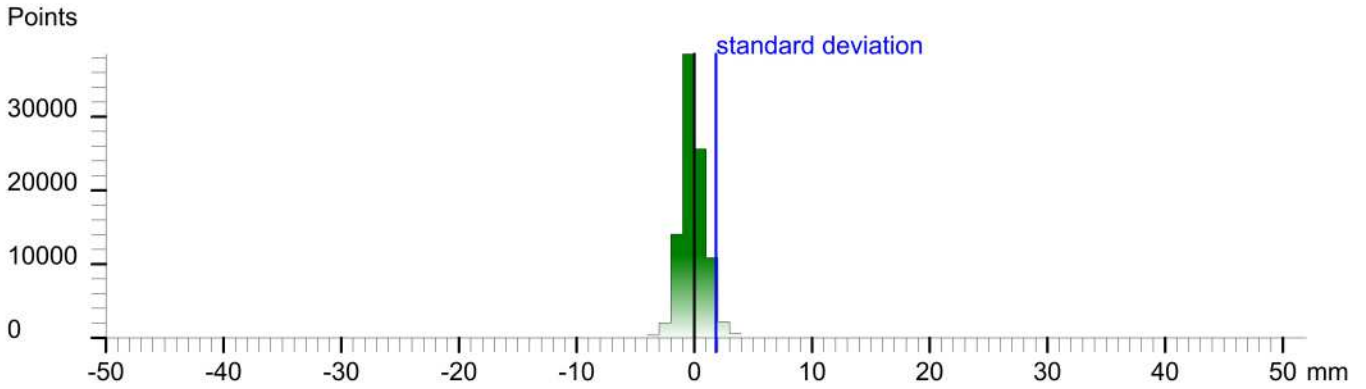
# Scan position '153'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.680998 -0.732270 -0.004718 -28.2499 m  
0.732277 -0.681008 0.000580 32.2709 m  
-0.003638 -0.003059 0.999988 1.1425 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan '153'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "153" -scenpos "153" -path "Bibikotea Virgi Cataractop 2" -project "Bibikotea Virgi Cataractop 2" -projectTemplate "" -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h-quality default -from "0" -to "181" -interval "20" -step "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.001433 bar 98.848 m  
nav translation: -2.0231 m 0.4581 m 98.6422 m accuracies: 6.1432 m 6.1432 m 0.0000 m  
nav rotation: 0.0000 0.0000 227.3918 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.677 -0.736 0.000 -28.816  
0.736 -0.677 0.000 11.632  
0.000 0.000 1.000 109.577  
0.000 0.000 0.000 1.000

Level system info: no information about the level system stored in the zfs header



# Scan position '154'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

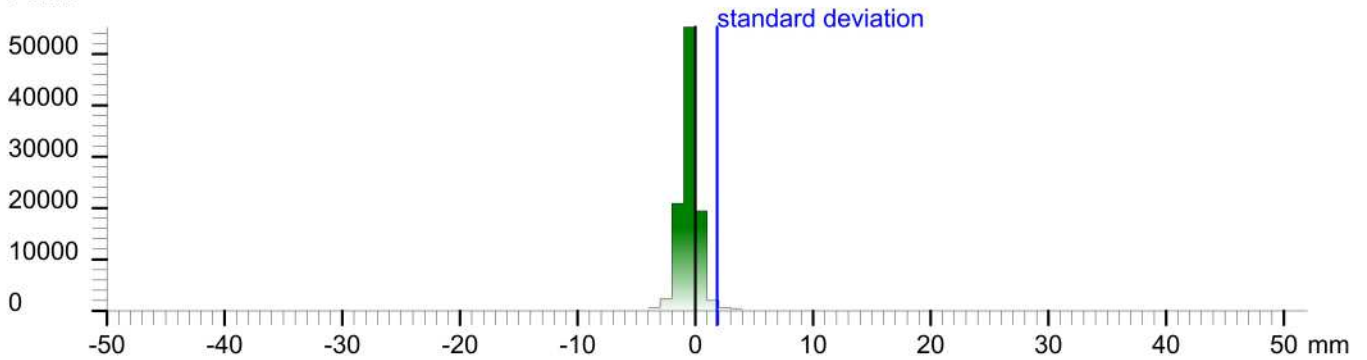
Registration matrix:

```
-0.748573 -0.663042 -0.003671 -25.7314 m
0.663046 -0.748579 0.000574 32.9265 m
-0.003129 -0.002003 0.999993 -0.3793 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan '154'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

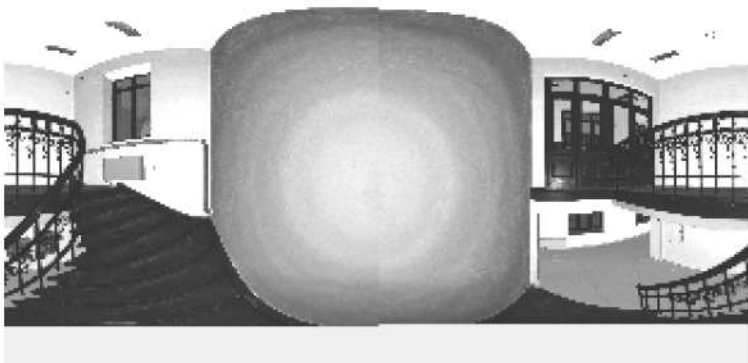
Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFSense 9.0.3" -memorize 1 -file "154" -scaepos "154" -path "Bibikotea Virgi Cataractop 2" -project "Bibikotea Virgi Cataractop 2" -projectTemplate "" -nav -temperature "20" -camera "zcam" -panoramaparams fast-resolution h-quality default -from "0" -to "181" -interval "20" -step "340"
```

Sensor

```
sensors: 3096 'barometer translation rotation'
Barometer: 1.001572 bar 97.6749 m
nav translation: -0.8859 m 2.9430 m 97.4611 m accuracies: 5.6486 m 6.6486 m 0.0000 m
nav rotation: 0.0000 0.0000 217.5339 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.793 -0.609 0.000 -29.702
0.609 -0.793 0.000 14.575
0.000 0.000 1.000 108.396
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





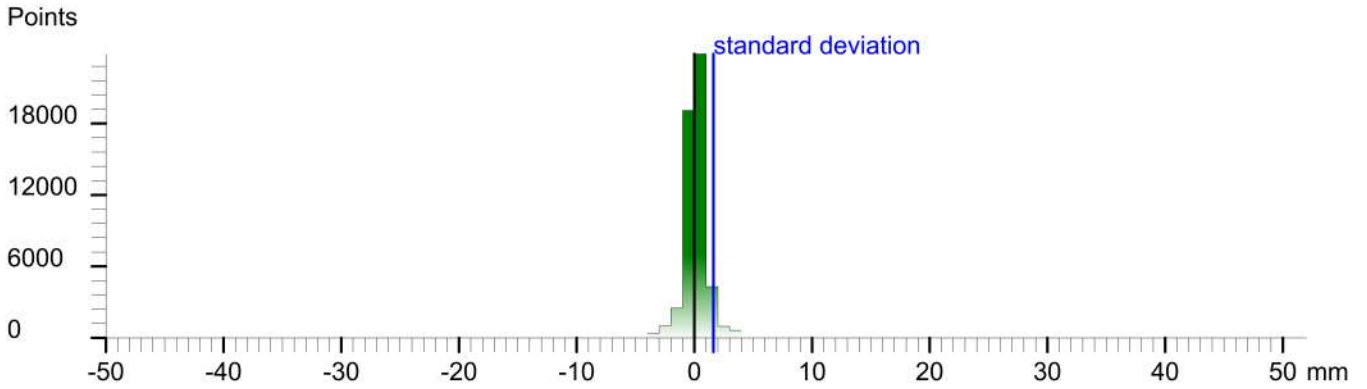
# Scan position '155'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.531908	0.846799	-0.002367	-23.6502 m
-0.846799	0.531912	0.001413	29.4852 m
0.002456	0.001251	0.999996	-1.6684 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram



## Scan '155'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "LRCServer 9.0.3" -memorize 1 -file "155" -scenpos "155" -path "Bibloteca Virgil Caramopol 2" -project "Bibloteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "l-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hnorm "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 1.001784 bar 95.8919 m
nav translation: 4.6363 m 0.9303 m 96.0664 m accuracies: 7.4859 m 7.4859 m 0.0000 m
nav rotation: 0.0000 0.0000 57.2659 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.541 0.841 0.000 -25.065
-0.841 0.541 0.000 15.506
0.000 0.000 1.000 107.002
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



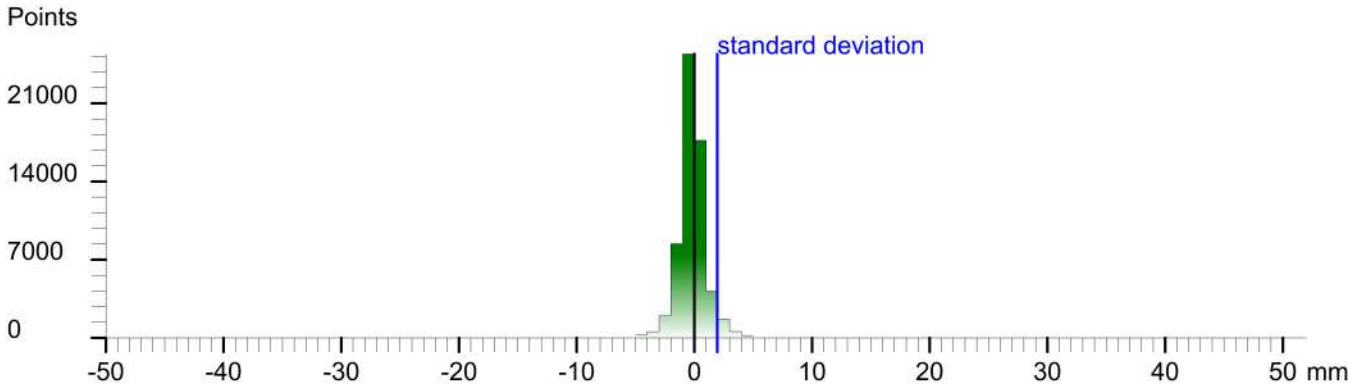
# Scan position '156'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.244519 -0.969635 -0.004234 -27.7631 m  
0.969643 -0.244526 0.001066 32.6033 m  
-0.002070 -0.003844 0.999990 -1.6823 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.0 mm

## Deviation histogram



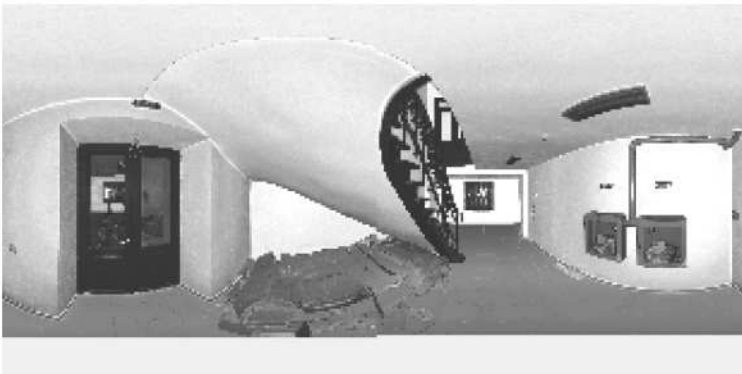
## Scan '156'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "156" -scenpos "156" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hnorm1 "20" -ho1 "340"  
Sensor  
sensors: 3096 " barometer translation rotation"  
Barometer: 1.001864 bar 95.2238 m  
nav translation: 1.5805 m 2.7281 m 95.3119 m accuracies: 6.6801 m 6.6801 m 0.0001 m  
nav rotation: 0.0000 0.0000 257.3589 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.219 -0.976 0.000 -23.505  
0.976 -0.219 0.000 18.234  
0.000 0.000 1.000 106.247  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



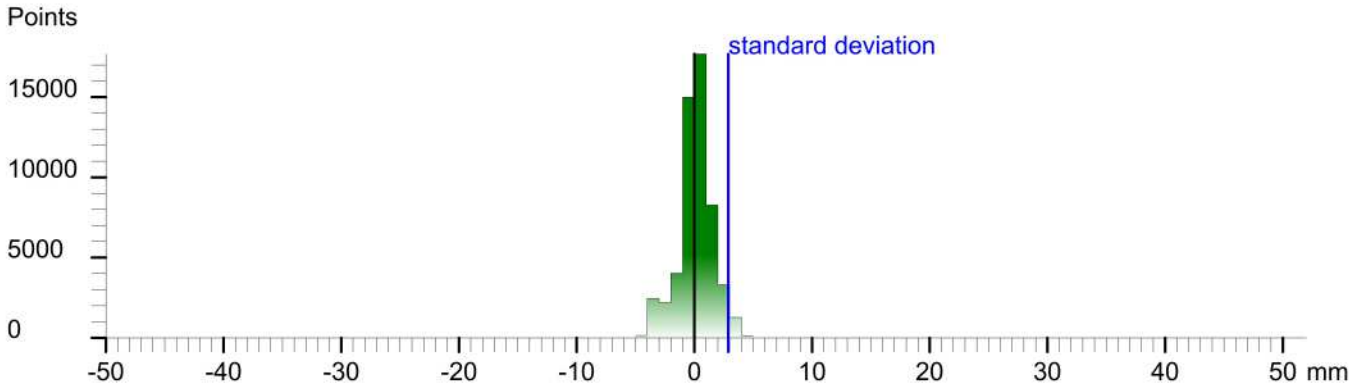
# Scan position '157'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.876971 -0.480528 -0.003875 -27.6782 m  
0.480533 -0.876978 -0.000263 23.9802 m  
-0.003272 -0.002091 0.999992 -1.6943 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.9 mm

## Deviation histogram



## Scan '157'

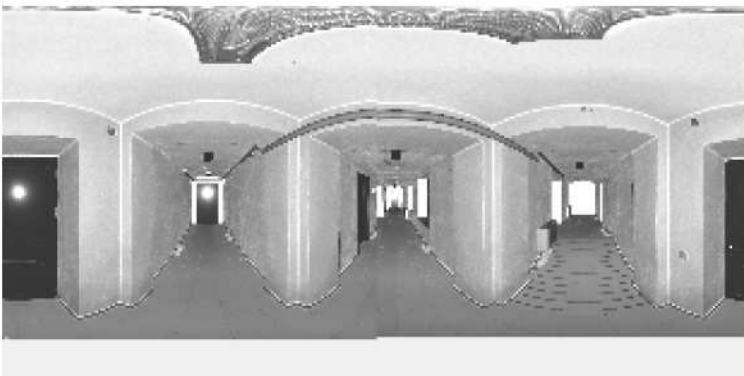
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "157" -scenpos "157" -path "Bibikoteza Virgil Cazanopol 2" -project "Bibikoteza Virgil Cazanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test -resolution h -quality default -froom "0" -fo "101" -hroom "20" -ho "1" "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.001862 bar 95.2418 m  
nav translation: -4.1900 m -0.2960 m 95.7068 m accuracies: 7.2223 m 7.2223 m 0.0000 m  
nav rotation: 0.0000 0.0000 198.7867 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.947 -0.322 0.000 -27.695  
0.322 -0.947 0.000 17.938  
0.000 0.000 1.000 106.642  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '158'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

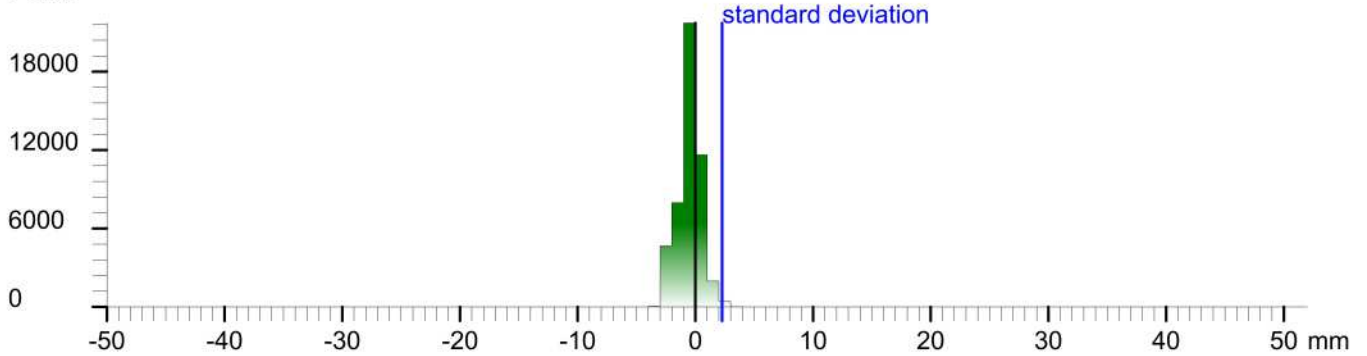
Registration matrix:

0.182565	0.983192	-0.002124	-22.1256 m
-0.983195	0.182566	0.000459	19.4638 m
0.000840	0.002004	0.999997	-1.2874 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram

Points



## Scan '158'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

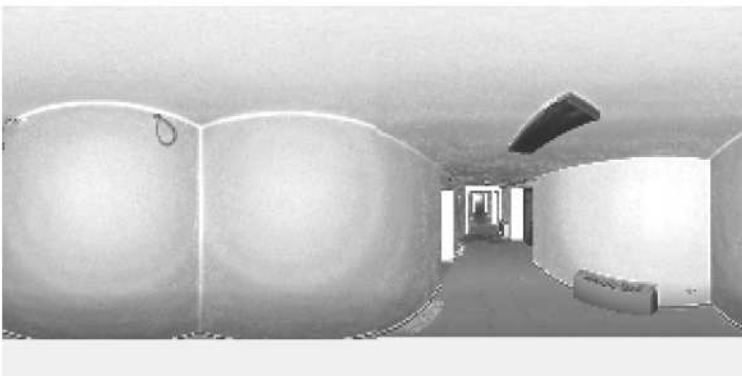
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "158" -scaepos "158" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.001843 bar 95.4021 m  
nav translation: -0.0244 m -2.0909 m 95.4239 m accuracies: 6.1520 m 6.1520 m 0.0000 m  
nav rotation: 0.0000 0.0000 70.7618 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.329 0.944 0.000 -27.719  
-0.944 0.329 0.000 15.847  
0.000 0.000 1.000 106.359  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



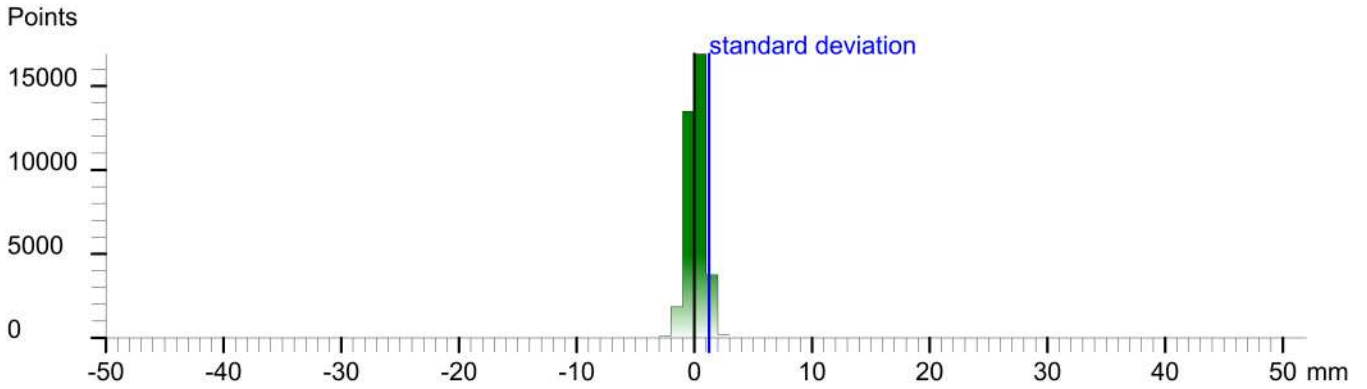
# Scan position '159'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.281733 -0.959483 -0.004482 -30.5760 m  
0.959493 -0.281737 0.000375 26.0749 m  
-0.001624 -0.004194 0.999990 -1.6920 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.3 mm

## Deviation histogram



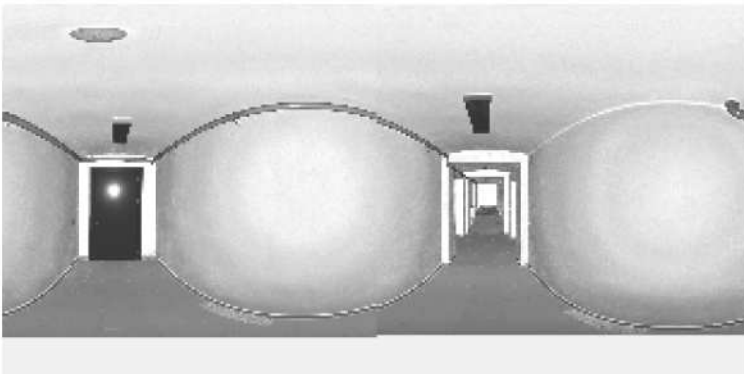
## Scan '159'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZRCServer 9.0.3" -memorize 1 -file "159" -scenpos "159" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.001980 bar 94.2454 m  
nav translation: 1.5328 m 5.0954 m 94.3594 m accuracies: 7.8138 m 7.8138 m 0.0001 m  
nav rotation: 0.0000 0.0000 248.7061 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.363 -0.932 0.000 -26.187  
0.932 -0.363 0.000 20.942  
0.000 0.000 1.000 105.295  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





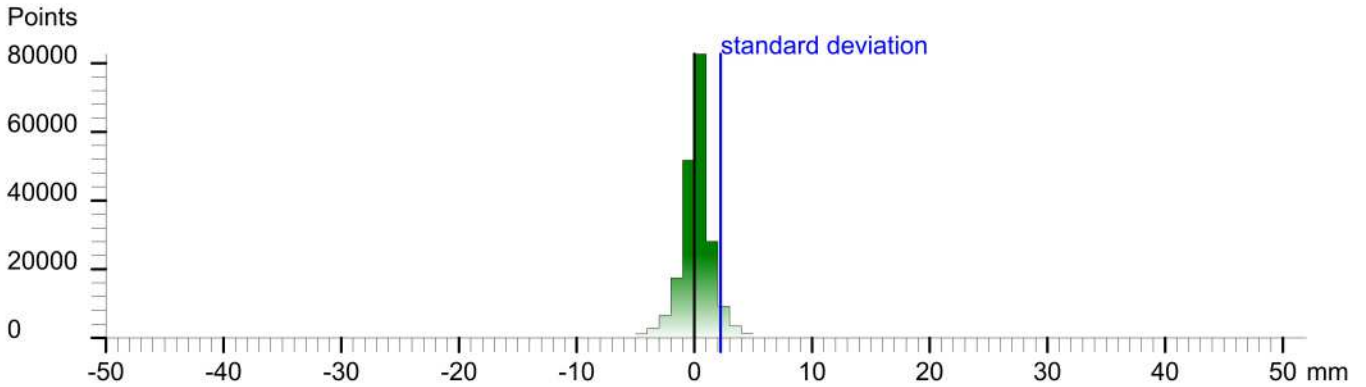
# Scan position '16'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.172604	-0.984990	-0.001828	-14.7022 m
0.984991	0.172604	-0.000229	2.2941 m
0.000541	-0.001761	0.999998	-0.1314 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram



## Scan '16'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "16" -scanspos "16" -path "Biblioteka Virgil Caranopol Z" -project "Biblioteka Virgil Caranopol Z" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rtcom "20" -Hot "340"
```

Sensor  
sensors: 3100 \* barometer translation rotation gps\*  
Barometer: 1.013344 bar -0.781938 m  
nav translation: 2.2256 m 6.6930 m -1.2674 m accuracies: 8.6390 m 8.6390 m 0.0002 m  
nav rotation: 0.0000 0.0000 286.9810 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:44.110527 long:24.349001 satellites:5 height:144.2m hdop:1.6 vdop:2.4m hacc:9.8m vacc:7.9 flags:G3 'stand alone 3D solution'  
north:4887566.331 m east:287851.005 m zone:35T  
Initial pre position (3:outdoor)  
0.292 -0.956 0.000 -26.917  
0.956 0.292 0.000 -6.771  
0.000 0.000 1.000 9.668  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



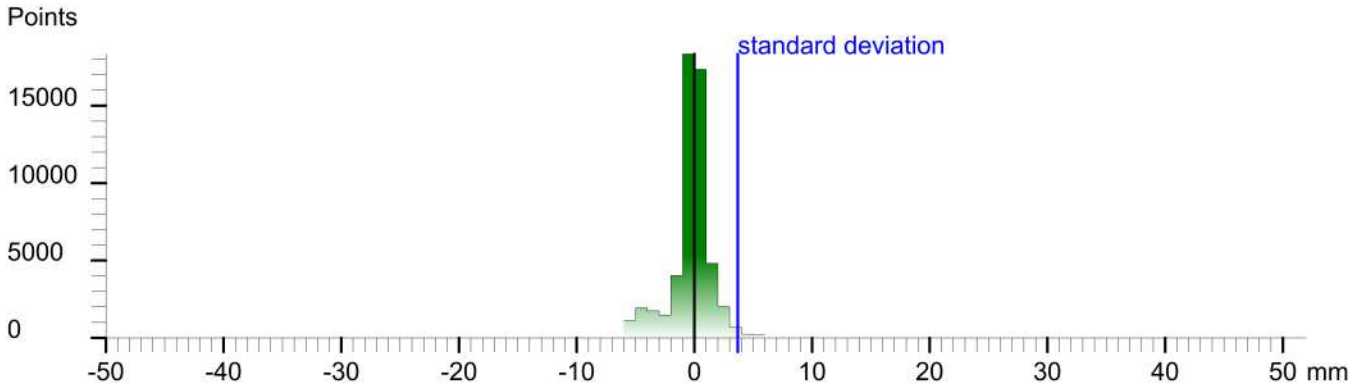
# Scan position '160'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.889965	-0.456016	-0.003379	-18.9268 m
0.456024	0.889966	0.001980	35.5112 m
0.002103	-0.003304	0.999992	-1.6460 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.7 mm

## Deviation histogram



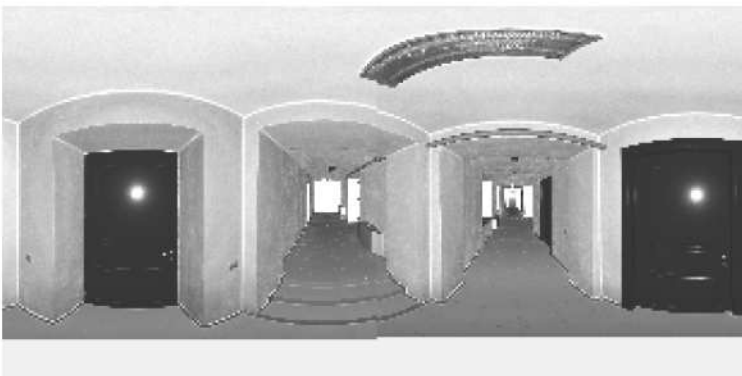
## Scan '160'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "160" -scenpos "160" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution-h-quality-default -from "0" -to "101" -hnorm1 "20" -ho1 "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 1.002001 bar 94.0691 m
nav translation: -1.0256 m 9.3511 m 93.8008 m accuracies: 9.8558 m 9.8558 m 0.0001 m
nav rotation: 0.0000 0.0000 333.5204 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.895 -0.446 0.000 -27.212
0.446 0.895 0.000 30.293
0.000 0.000 1.000 104.736
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '161'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

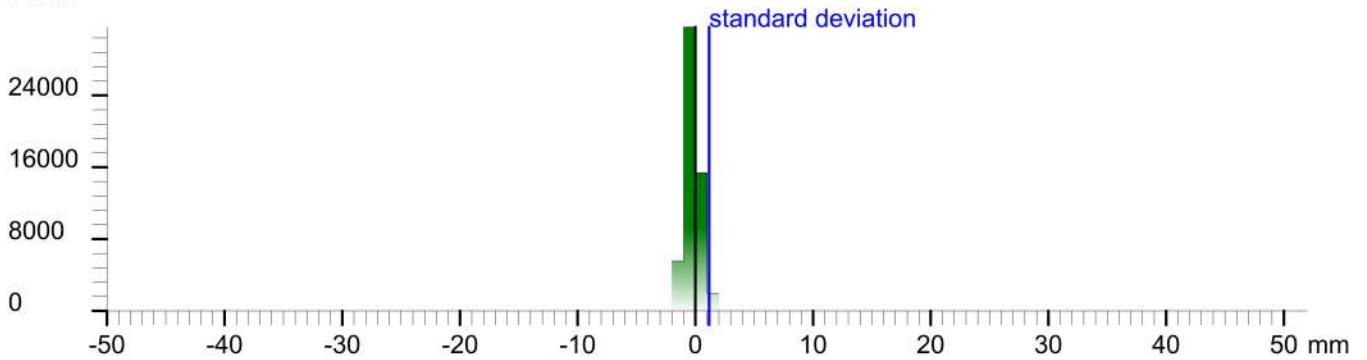
Registration matrix:

0.193444	0.981109	-0.002175	-16.1282 m
-0.981110	0.193448	0.001806	33.7244 m
0.002193	0.001784	0.999996	-1.2712 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan '161'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./memorize 1 -file "161" -scenpos "161" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "161" -room1 "20" -to1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002116 bar 93.1068 m  
nav translation: 1.5906 m 0.2272 m 93.1848 m accuracies: 5.9193 m 5.9193 m 0.0000 m  
nav rotation: 0.0000 0.0000 88.9298 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.019 1.000 0.000 -25.622  
-1.000 0.019 0.000 30.521  
0.000 0.000 1.000 104.120  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '162'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

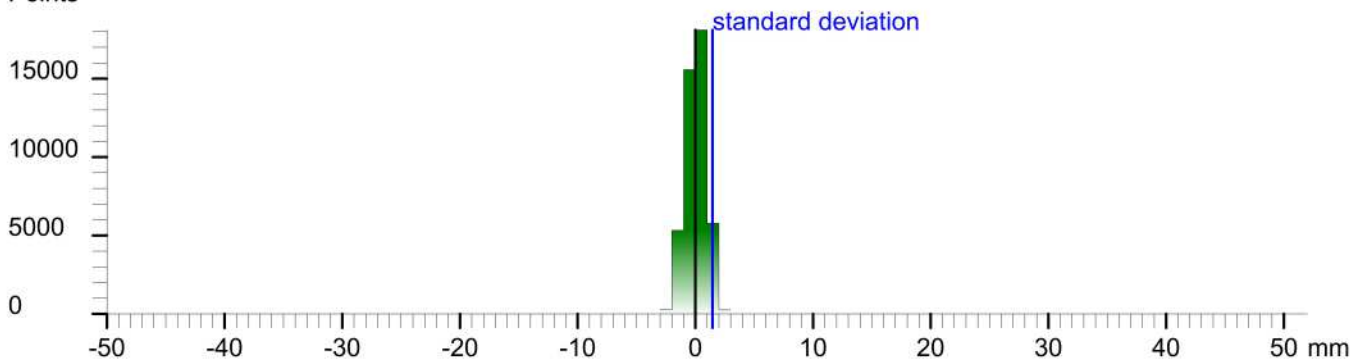
Registration matrix:

0.538094	0.842884	-0.001677	-13.4322 m
-0.842883	0.538096	0.001552	31.0816 m
0.002211	0.000578	0.999997	-1.2720 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram

Points



## Scan '162'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

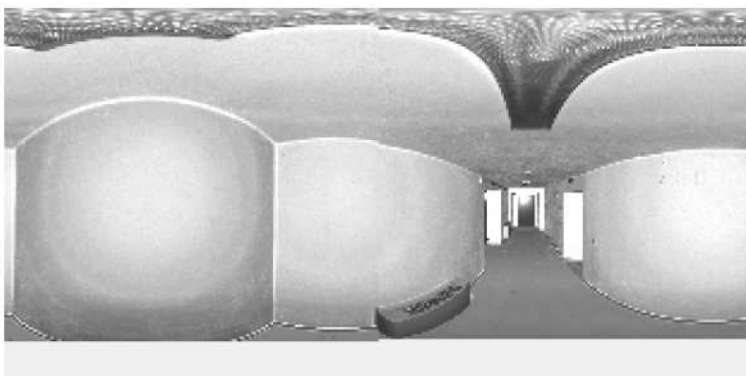
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "162" -scenpos "162" -path "Bibloteca Virgil Caramopol 2" -project "Bibloteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002119 bar 93.0837 m  
nav translation: 1.2407 m -0.9299 m 93.0822 m accuracies: 5.8899 m 5.8899 m 0.0000 m  
nav rotation: 0.0000 0.0000 52.2331 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.612 0.791 0.000 -24.381  
-0.791 0.612 0.000 29.591  
0.000 0.000 1.000 104.017  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



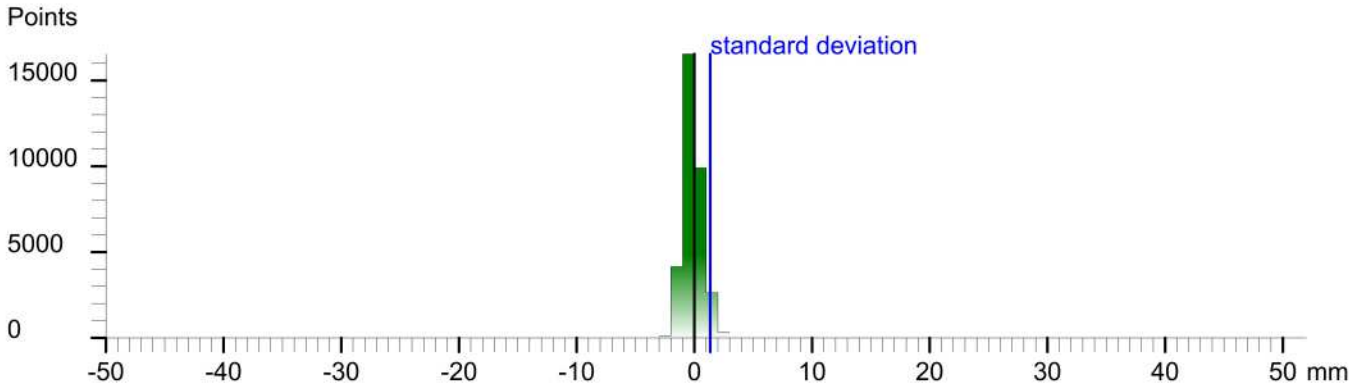
# Scan position '163'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.884109	-0.467269	-0.003527	-24.1926 m
0.467275	-0.884113	-0.000786	20.2169 m
-0.002751	-0.002342	0.999993	-1.4129 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram



## Scan '163'

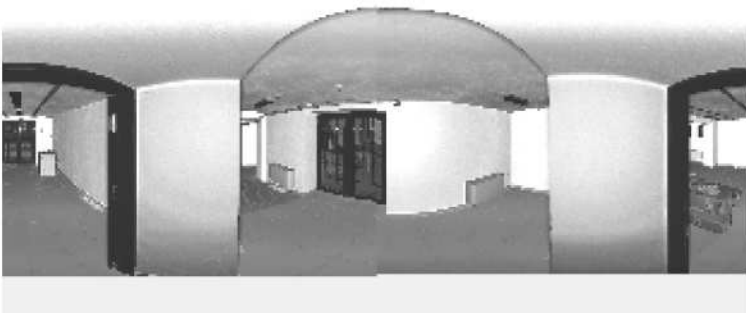
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "163" -scenpos "163" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hnorm1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002298 bar 91.5768 m  
nav translation: -0.2534 m -4.9038 m 91.5983 m accuracies: 7.5898 m 7.5898 m 0.0003 m  
nav rotation: 0.0000 0.0000 197.6475 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.953 -0.303 0.000 -24.634  
0.303 -0.953 0.000 24.687  
0.000 0.000 1.000 102.533  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '164'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

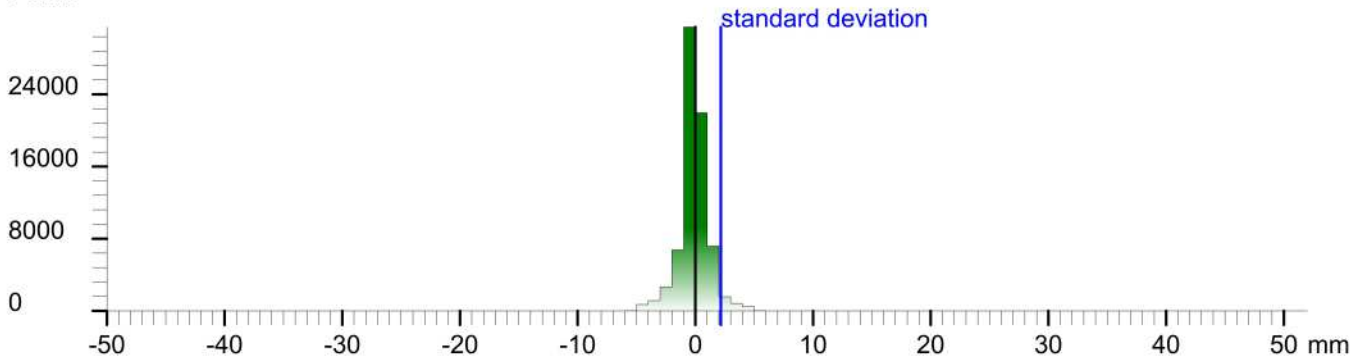
Registration matrix:

```
-0.994355 -0.106043 -0.003692 -24.8826 m
0.106047 -0.994362 -0.000701 19.3583 m
-0.003596 -0.001088 0.999993 -1.5460 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram

Points



## Scan '164'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

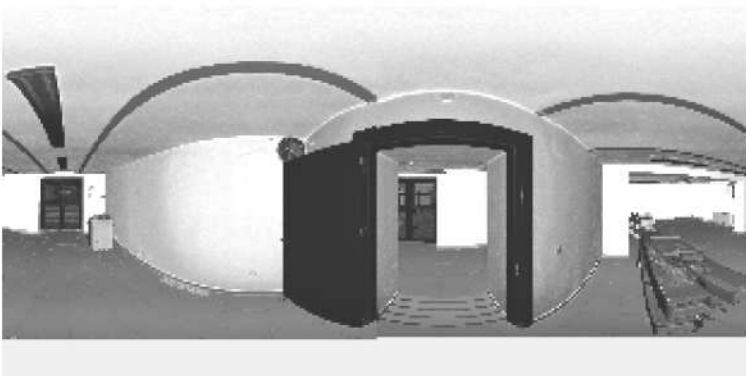
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "ZCSense 9.0.3" -memorize 1 -file "164" -scenpos "164" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -ffrom "0" -to "101" -hfrom "20" -to "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002210 bar 92.3117 m  
nav translation: -1.4945 m -1.1013 m 92.0297 m accuracies: 6.0429 m 6.0429 m 0.0000 m  
nav rotation: 0.0000 0.0000 182.9393 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.999 -0.051 0.000 -26.129  
0.051 -0.999 0.000 23.586  
0.000 0.000 1.000 102.965  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '165'

Scan position is member of group(s):

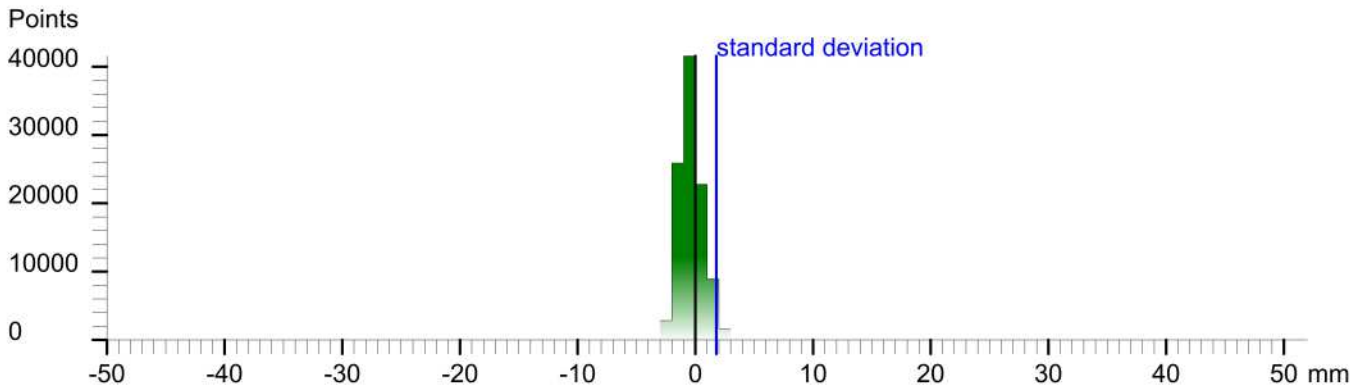
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.206981  0.978340 -0.003164 -24.2248 m  
-0.978346 -0.206983 -0.000131  16.6365 m  
-0.000782  0.003068  0.999995  -1.5444 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan '165'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

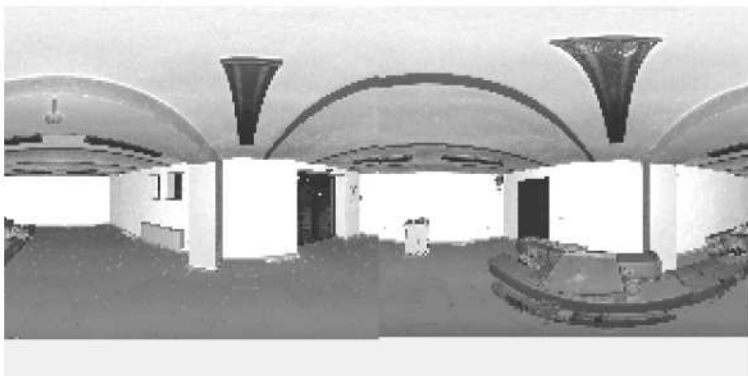
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "165" -scaepos "165" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -interval "20" -to1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002319 bar 91.3976 m  
nav translation: 2.8936 m -0.2132 m 91.3965 m accuracies: 6.5581 m 6.5581 m 0.0000 m  
nav rotation: 0.0000 0.0000 112.5663 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.384 0.923 0.000 -23.235  
-0.923 -0.384 0.000 23.372  
0.000 0.000 1.000 102.332  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '166'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

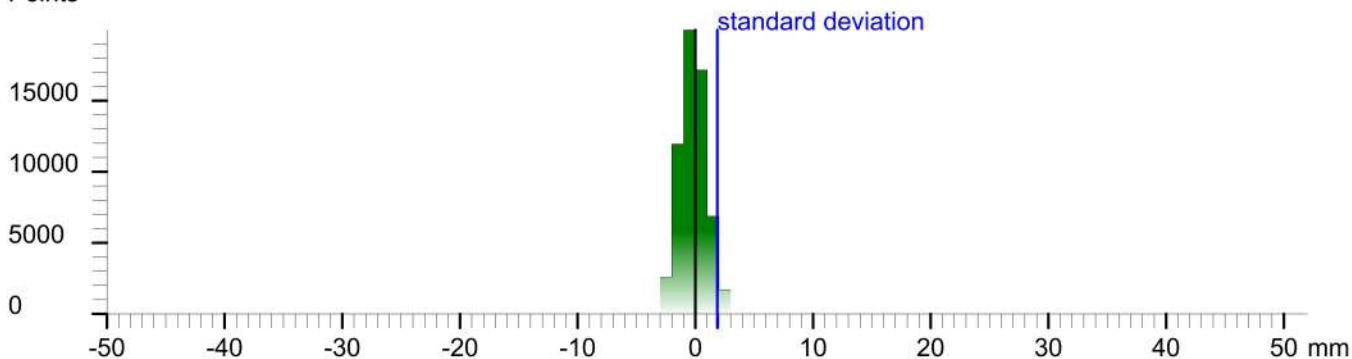
Registration matrix:

```
-0.595737  0.803174 -0.003243 -21.6241 m  
-0.803177 -0.595743 -0.000751  12.8174 m  
-0.002534  0.002157  0.999994  -1.5213 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram

Points



## Scan '166'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

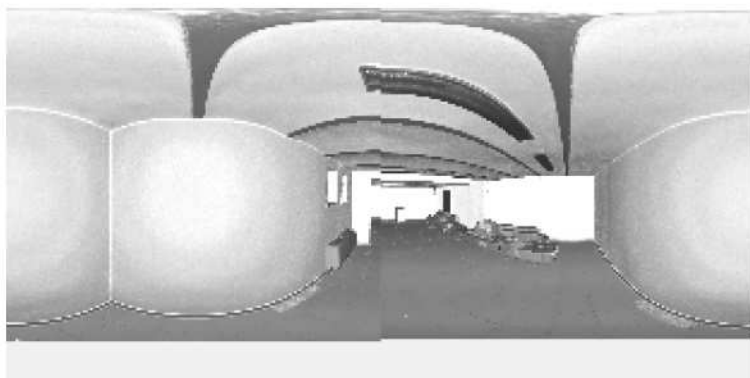
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "166" -scenpos "166" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002329 bar 91.3175 m  
nav translation: -0.3417 m -0.9380 m 91.5846 m accuracies: 5.6125 m 5.6125 m 0.0000 m  
nav rotation: 0.0000 0.0000 133.3020 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.686 0.728 0.000 -23.577  
-0.728 -0.686 0.000 22.434  
0.000 0.000 1.000 102.520  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



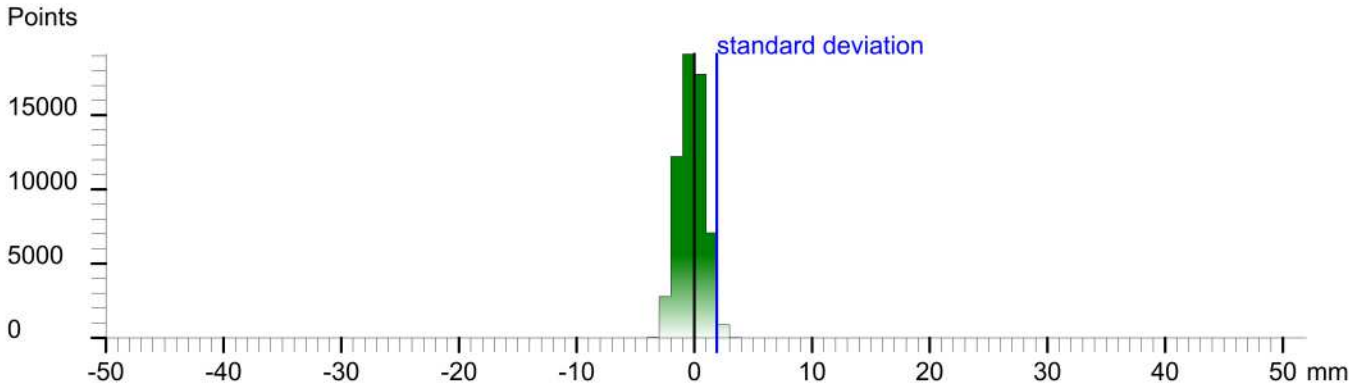
# Scan position '167'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.910363	-0.413793	-0.003912	-19.2098 m
0.413799	0.910369	0.000787	15.5016 m
0.003235	-0.002336	0.999992	-1.5073 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram



## Scan '167'

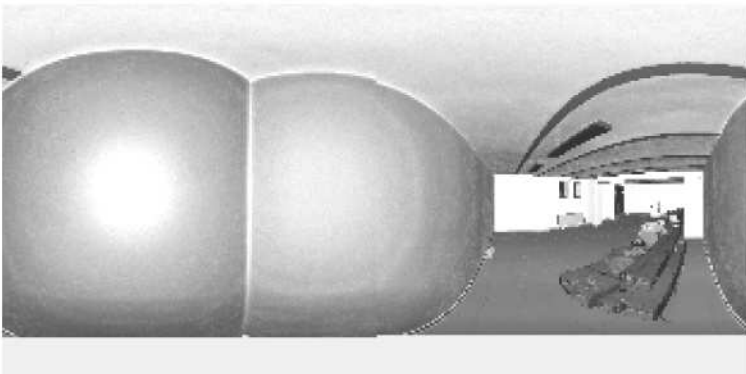
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "167" -scenpos "167" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test -resolution h -quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002439 bar 90.3895 m  
nav translation: 0.6029 m -0.1464 m 90.5204 m accuracies: 5.4205 m 5.4205 m 0.0002 m  
nav rotation: 0.0000 0.0000 331.7701 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.881 -0.473 0.000 -22.974  
0.473 0.881 0.000 22.288  
0.000 0.000 1.000 101.456  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '168'

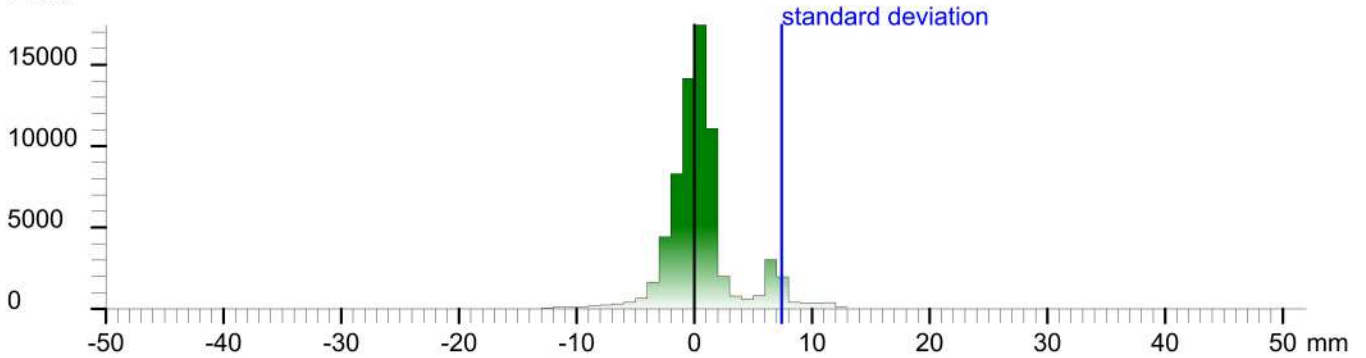
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.914968	0.403509	-0.004004	-27.4865 m
-0.403509	-0.914977	-0.000805	15.5597 m
-0.003987	0.000880	0.999991	-1.5689 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 7.4 mm

## Deviation histogram

Points



## Scan '168'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "168" -scenpos "168" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom "20" -ho "1" "340"`

Sensor

sensors: 3096 'barometer translation rotation'  
Barometer: 1.002435 bar 90.4275 m  
nav translation: -1.0250 m 1.4493 m 89.2635 m accuracies: 6.0063 m 6.0063 m 0.0000 m  
nav rotation: 0.0000 0.0000 157.3570 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.923 0.385 0.000 -23.999  
-0.385 -0.923 0.000 23.737  
0.000 0.000 1.000 100.199  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '169'

Scan position is member of group(s):

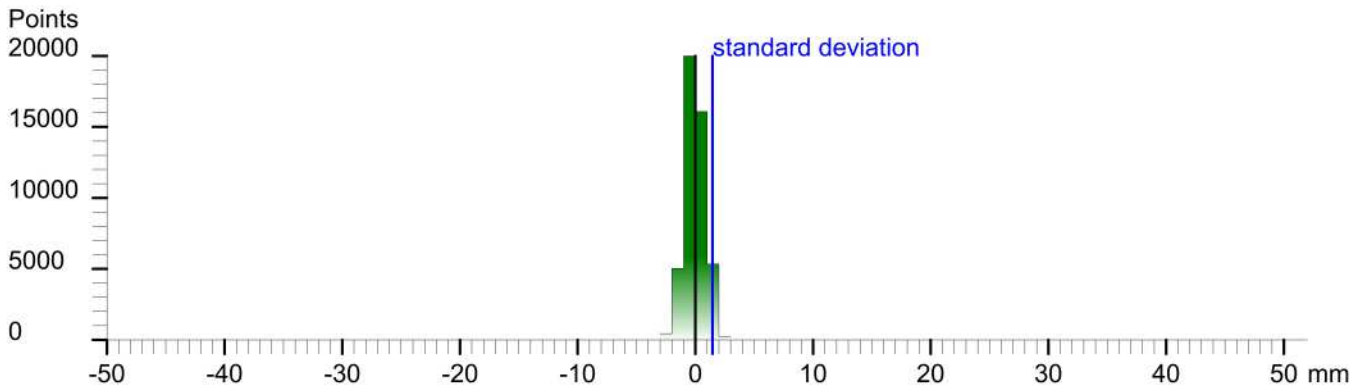
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.952956 -0.303088 -0.003500 -28.3792 m
0.303091 -0.952962 -0.000439 22.8971 m
-0.003202 -0.001478 0.999993 -1.8210 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram



## Scan '169'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "169" -scenpos "169" -path "Biblioteca Virgil Caramopol 2" -project "Biblioteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002491 bar 89.9581 m  
nav translation: -0.3491 m 1.2552 m 90.3844 m accuracies: 5.7758 m 5.7758 m 0.0000 m  
nav rotation: 0.0000 0.0000 186.9334 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.993 -0.121 0.000 -24.348  
0.121 -0.993 0.000 24.992  
0.000 0.000 1.000 101.320  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '17'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

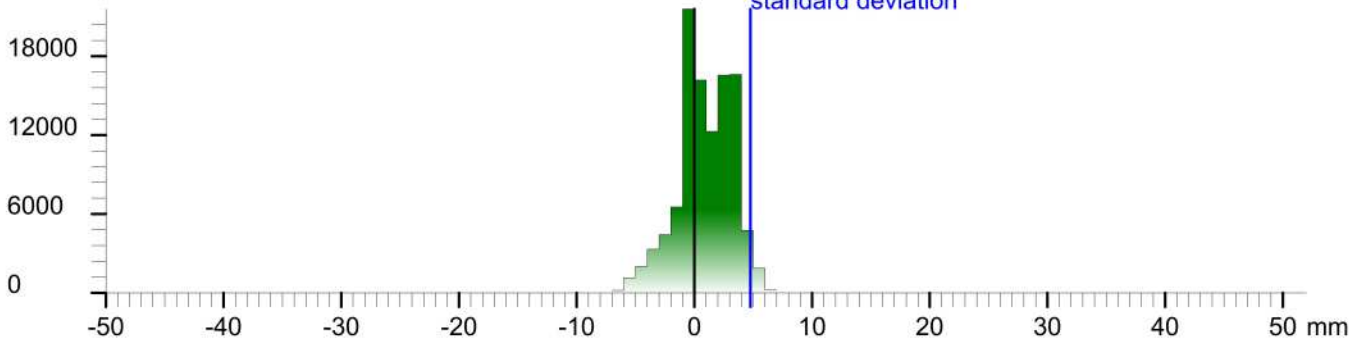
Registration matrix:

```
-0.192086 -0.981376 -0.001907 -19.1298 m
0.981378 -0.192086 -0.000312 6.3974 m
-0.000060 -0.001931 0.999998 -0.2994 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.8 mm

## Deviation histogram

Points



## Scan '17'

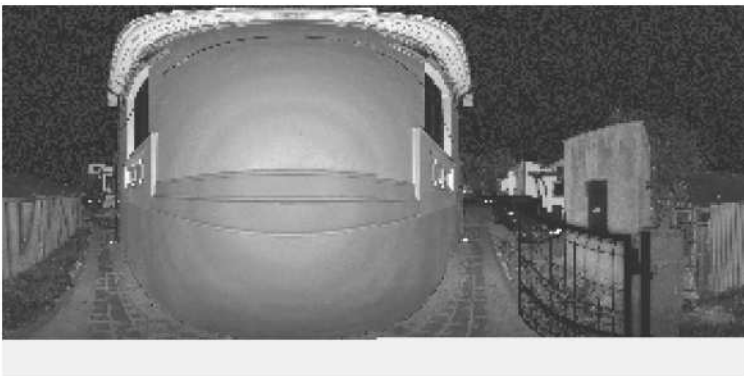
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "17" -scanspot "17" -path "Biblioteka Virgil Cantarepol Z" -project "Biblioteka Virgil Cantarepol Z" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -efcom "20" -Ho1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.013282 bar -0.265908 m
nav translation: -0.9964 m 3.5415 m -0.6756 m accuracies: 6.9546 m 6.9546 m 0.0028 m
nav rotation: 0.0000 0.0000 293.3576 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110558 long:24.348976 satellites:3 height:142.7m hdop:6.1 vdop:1.0m hacc:19.0m vacc:7.8 flags:G2'stand alone 2D solution'
north:4887569.784 m east:287849.130 m zone:35T
Initial pre position (3:outdoor)
0.396 -0.918 0.000 -27.913
0.918 0.396 0.000 -3.230
0.000 0.000 1.000 10.260
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '170'

Scan position is member of group(s):

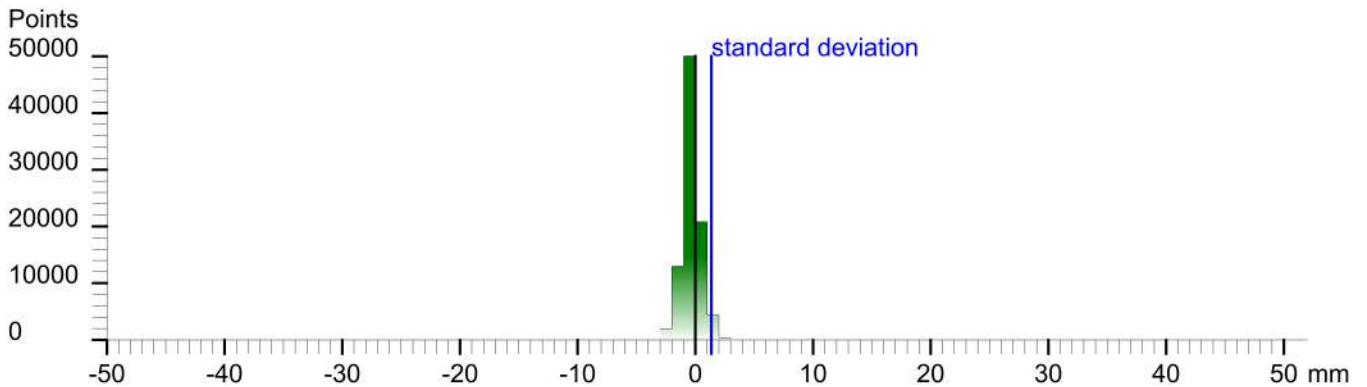
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.996578  0.082606 -0.003081 -28.4005 m  
-0.082604 -0.996583 -0.000695  20.1039 m  
-0.003127 -0.000437  0.999995  -1.7253 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram



## Scan '170'

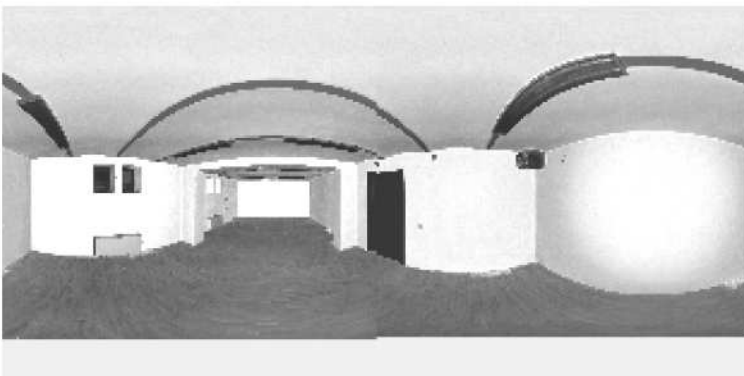
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "170" -scapos "170" -path "Bibikotea Virgil Cataractop 2" -project "Bibikotea Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"  
Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002525 bar 89.6688 m  
nav translation: -2.3243 m -2.3223 m 89.3463 m accuracies: 6.7438 m 6.7438 m 0.0000 m  
nav rotation: 0.0000 0.0000 195.1817 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.965 -0.262 0.000 -26.672  
0.262 -0.965 0.000 22.670  
0.000 0.000 1.000 100.282  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '171'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

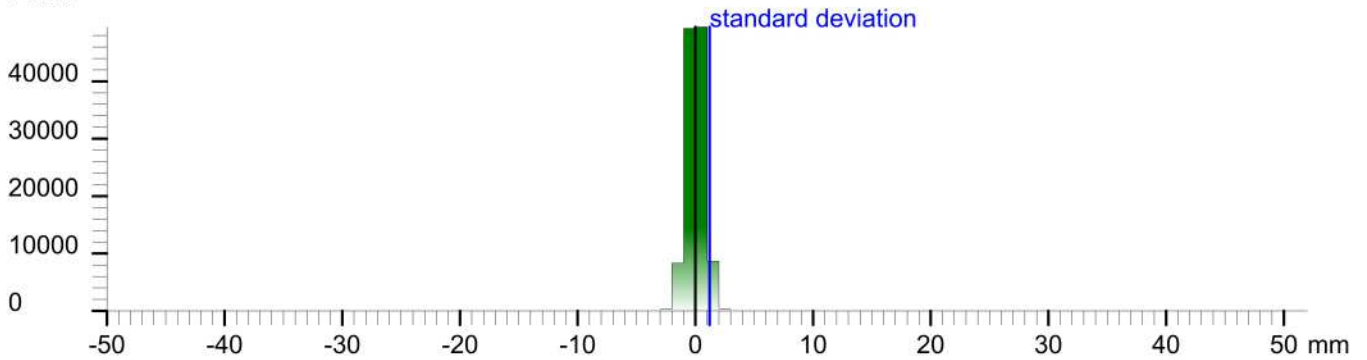
Registration matrix:

```
-0.902105 -0.431494 -0.004524 -32.4689 m
0.431496 -0.902116 0.000673 23.4723 m
-0.004372 -0.001344 0.999989 -1.7519 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan '171'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

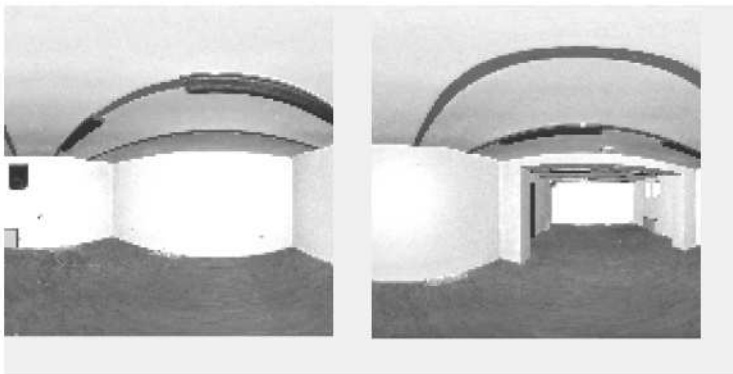
Scan command: -crl "RCServer 9.0.3" -memorize 1 -file "171" -scapos "171" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hnorm "20" -ho "1" "340"

Error or warnings while recording:  
Fatal error: 0/0

Sensor

sensors: 3096 'barometer translation rotation'  
Barometer: 1.002358 bar 91.0693 m  
nav translation: 0.0000 m 0.0000 m 90.8480 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 223.0169 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.731 -0.682 0.000 -26.672  
0.682 -0.731 0.000 22.670  
0.000 0.000 1.000 101.783  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



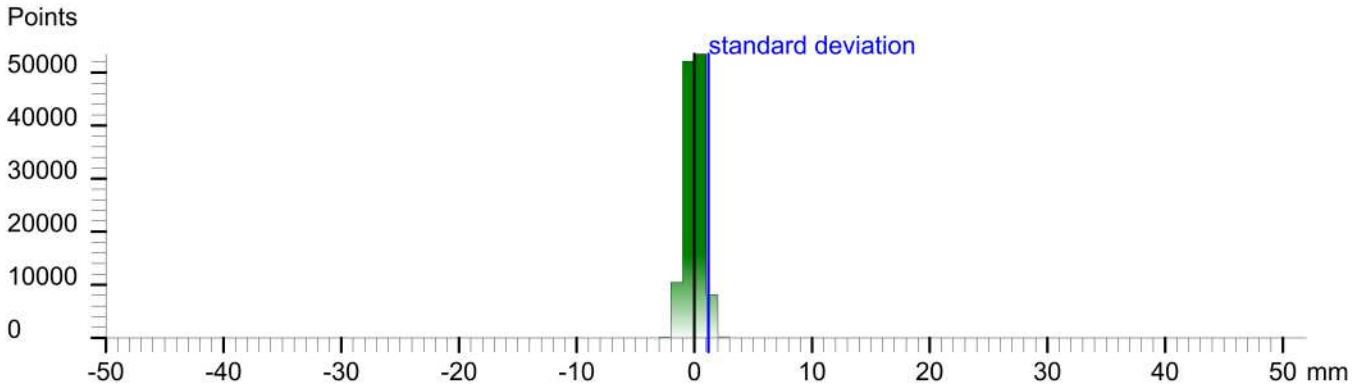
# Scan position '172'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.902036 -0.431637 -0.004682 -32.4515 m  
0.431640 -0.902047 0.000478 23.4798 m  
-0.004430 -0.001588 0.999989 -1.7462 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram



## Scan '172'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

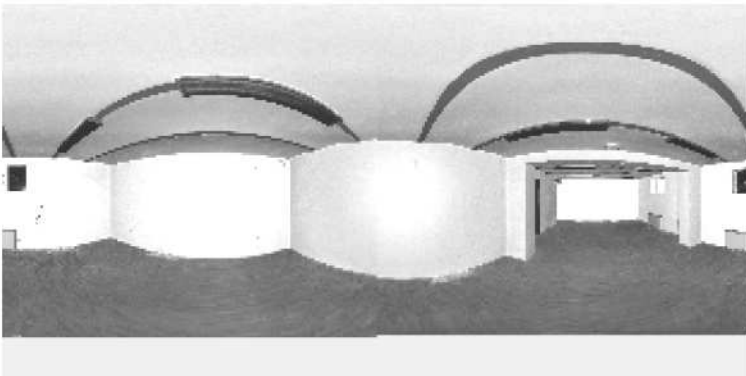
Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "172" -scenpos "172" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm1 "20" -ho1 "340"
```

Sensor

```
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002617 bar 88.896 m  
nav translation: 0.0000 m 0.0000 m 89.3847 m accuracies: 5.1275 m 5.1275 m 0.0000 m  
nav rotation: 0.0000 0.0000 224.8175 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.709 -0.705 0.000 -26.672  
0.705 -0.709 0.000 22.670  
0.000 0.000 1.000 100.320  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





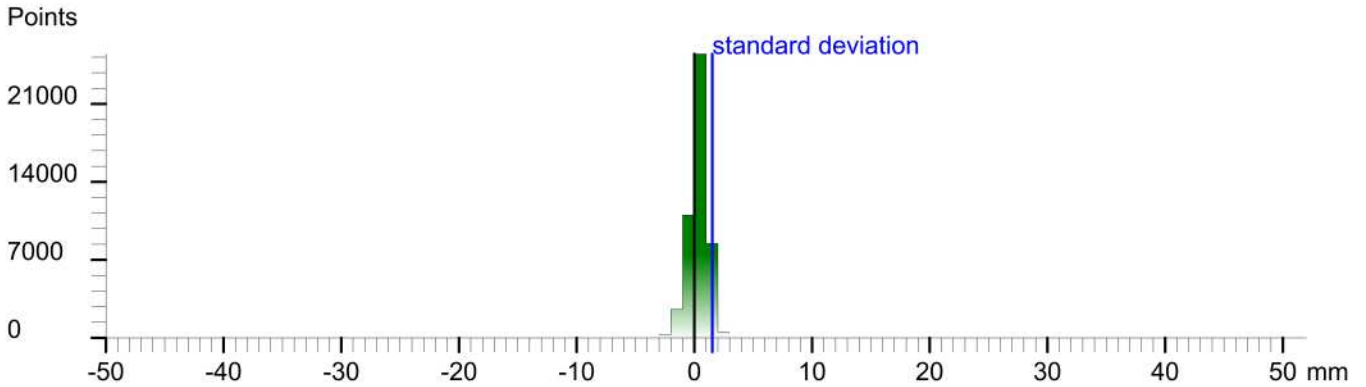
# Scan position '173'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.552543 -0.833472 -0.004651 -32.6720 m  
0.833481 -0.552550 0.000342 27.7615 m  
-0.002855 -0.003687 0.999989 -1.7138 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram



## Scan '173'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "RCSense 9.0.3" -memorize 1 -file "173" -scanspos "173" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -interval "20" -to1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002583 bar 89.1813 m  
nav translation: -3.2299 m 4.0768 m 89.4093 m accuracies: 7.7534 m 7.7534 m 0.0000 m  
nav rotation: 0.0000 0.0000 246.1043 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.405 -0.914 0.000 -29.902  
0.914 -0.405 0.000 26.747  
0.000 0.000 1.000 100.344  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '174'

Scan position is member of group(s):

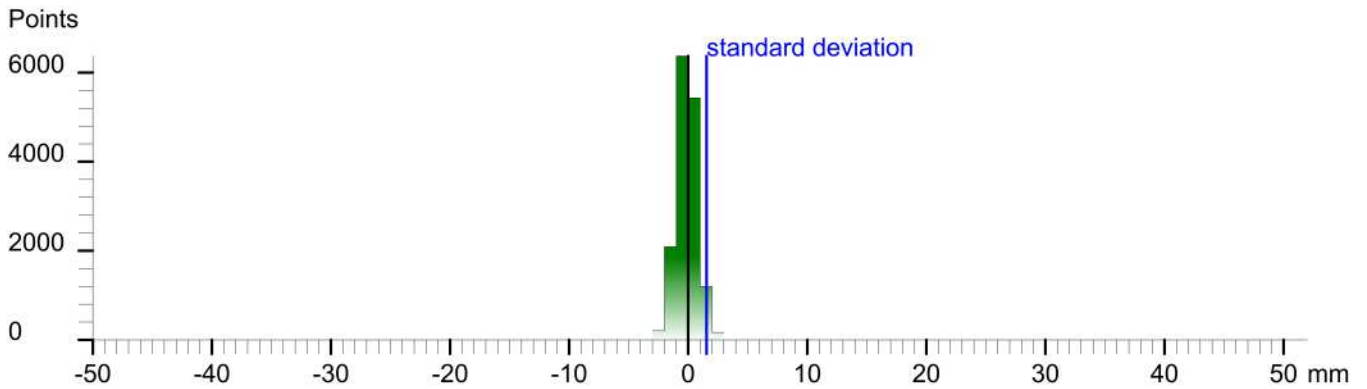
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.750069 -0.661339 -0.005199 -33.5303 m
0.661345 -0.750083 0.000913 28.5217 m
-0.004504 -0.002753 0.999986 -1.7169 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram



## Scan '174'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "174" -scaepos "174" -path "Biblioteca Virgil Caramopol 2" -project "Biblioteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002606 bar 88.9881 m  
nav translation: -0.4972 m 0.2099 m 89.8744 m accuracies: 5.3762 m 5.3762 m 0.0001 m  
nav rotation: 0.0000 0.0000 233.1415 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.600 -0.600 0.000 -30.400  
0.800 -0.600 0.000 26.957  
0.000 0.000 1.000 100.810  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



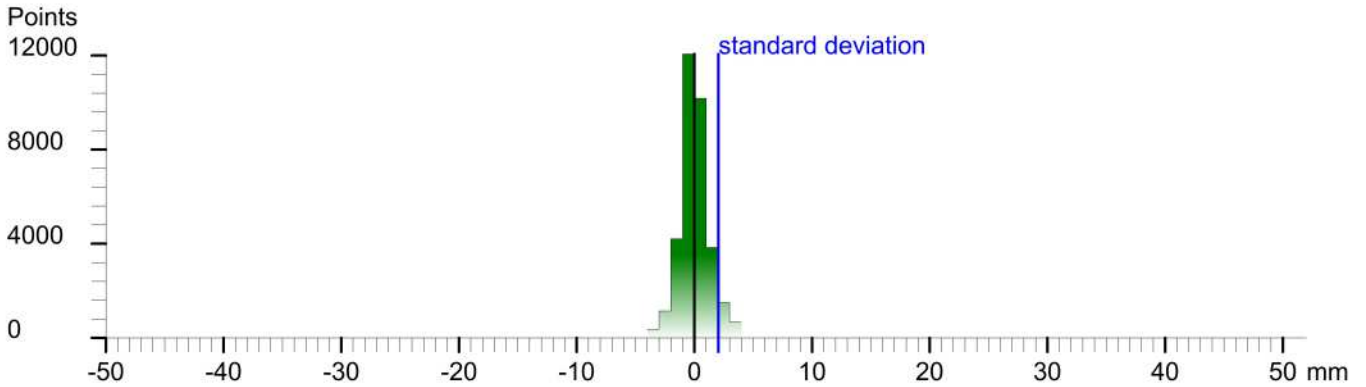
# Scan position '175'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.822425	0.568857	-0.004481	-37.3848 m
-0.568863	-0.822434	0.000198	23.3079 m
-0.003572	0.002713	0.999990	-1.7228 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.0 mm

## Deviation histogram



## Scan '175'

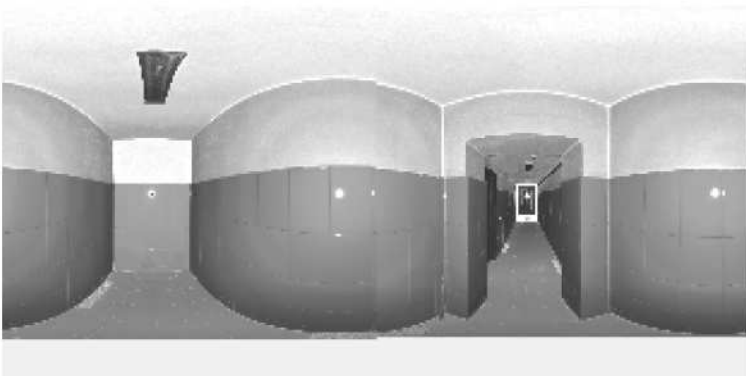
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "175" -scenpos "175" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002578 bar 89.2273 m  
nav translation: -0.9754 m -0.9362 m 89.2504 m accuracies: 5.7943 m 5.7943 m 0.0000 m  
nav rotation: 0.0000 0.0000 141.1591 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.779 0.627 0.000 -31.375  
-0.627 -0.779 0.000 26.021  
0.000 0.000 1.000 100.186  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



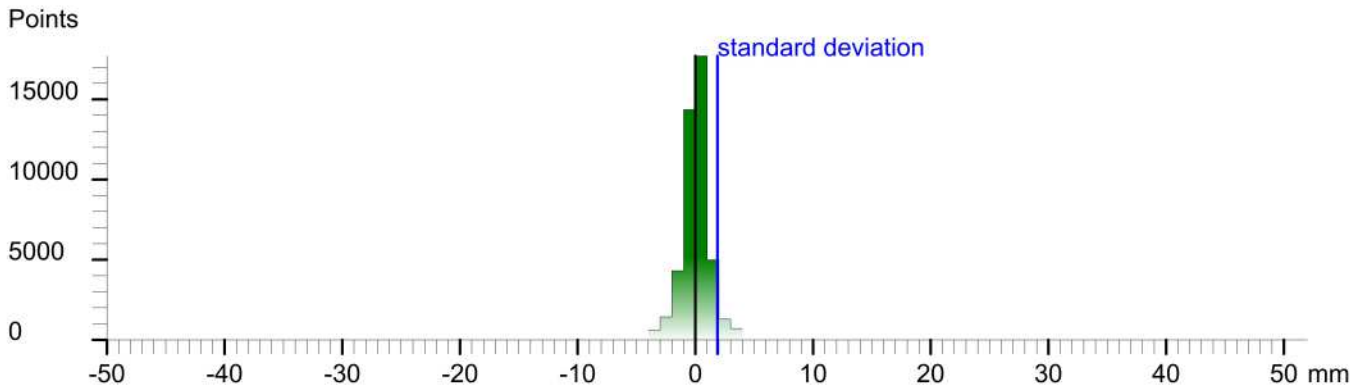
# Scan position '176'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.816232  0.577707 -0.004581 -38.4165 m  
-0.577714 -0.816240  0.000261  22.2197 m  
-0.003587  0.002860  0.999989  -1.7270 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.9 mm

## Deviation histogram



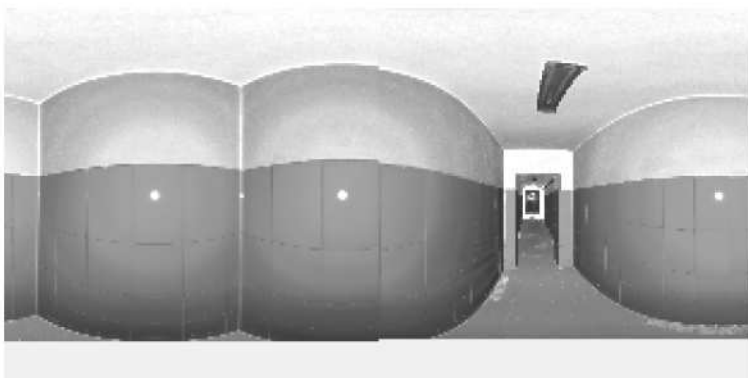
## Scan '176'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "176" -scaepos "176" -path "Bibikoteza Virgil Cazanopol 2" -project "Bibikoteza Virgil Cazanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002489 bar 89.9691 m  
nav translation: -0.3560 m -0.9043 m 89.5528 m accuracies: 5.5948 m 5.5948 m 0.0000 m  
nav rotation: 0.0000 0.0000 143.5842 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.805 0.594 0.000 -31.731  
-0.594 -0.805 0.000 25.116  
0.000 0.000 1.000 100.488  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '177'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

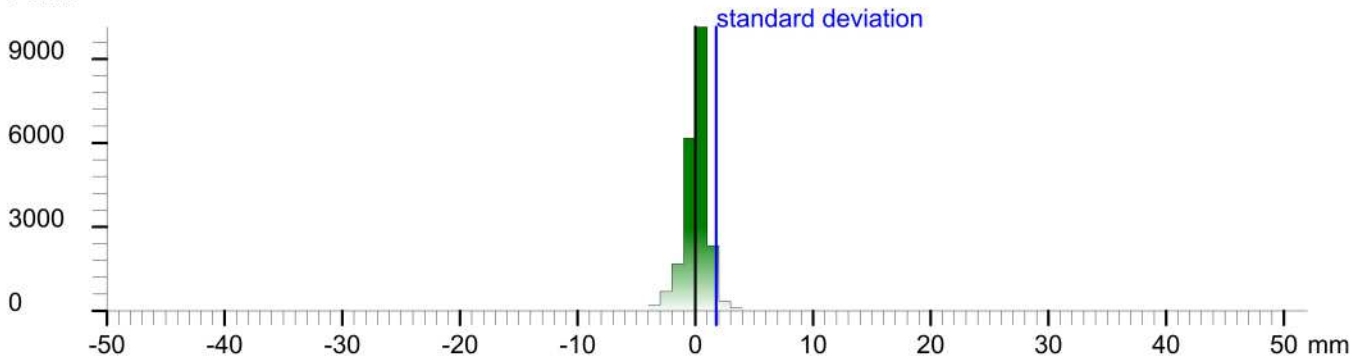
Registration matrix:

```
-0.707101 -0.707090 -0.005649 -34.2113 m
0.707096 -0.707118 0.001354 29.1527 m
-0.004952 -0.003036 0.999983 -1.7144 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan '177'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "177" -scenpos "177" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002442 bar 90.3635 m  
nav translation: -0.7396 m 1.3097 m 90.0223 m accuracies: 5.8649 m 5.8649 m 0.0000 m  
nav rotation: 0.0000 0.0000 237.7220 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.534 -0.845 0.000 -32.471  
0.845 -0.534 0.000 26.426  
0.000 0.000 1.000 100.957  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '178'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

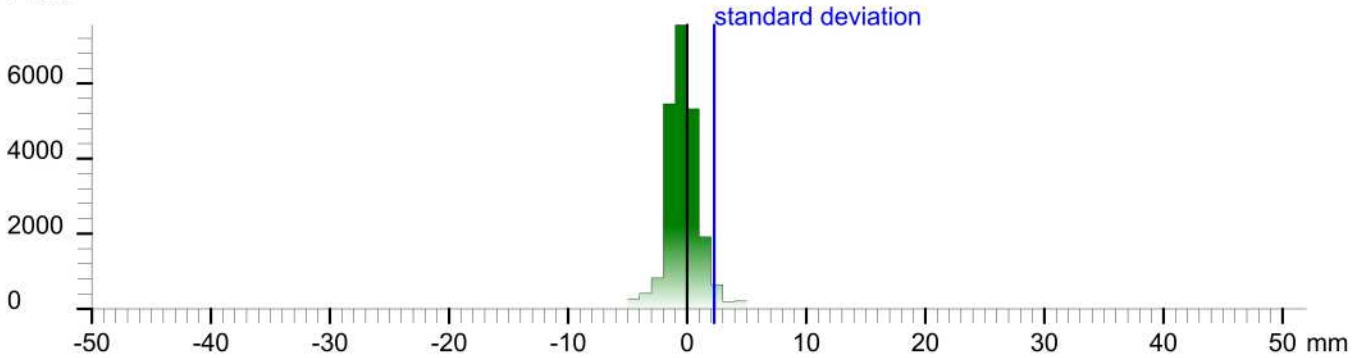
Registration matrix:

```
-0.993865 -0.110433 -0.006147 -36.3914 m
0.110423 -0.993884 0.001898 30.9669 m
-0.006318 0.001208 0.999979 -1.7410 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram

Points



## Scan '178'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "ZFCScanner 9.0.3" -memorize 1 -file "178" -scenpos "178" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"
```

```
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 1.002474 bar 90.1012 m
nav translation: -1.2782 m -0.1347 m 90.1507 m accuracies: 5.7500 m 5.7500 m 0.0000 m
nav rotation: 0.0000 0.0000 186.1685 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.994 -0.108 0.000 -33.749
0.108 -0.994 0.000 26.291
0.000 0.000 1.000 101.086
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



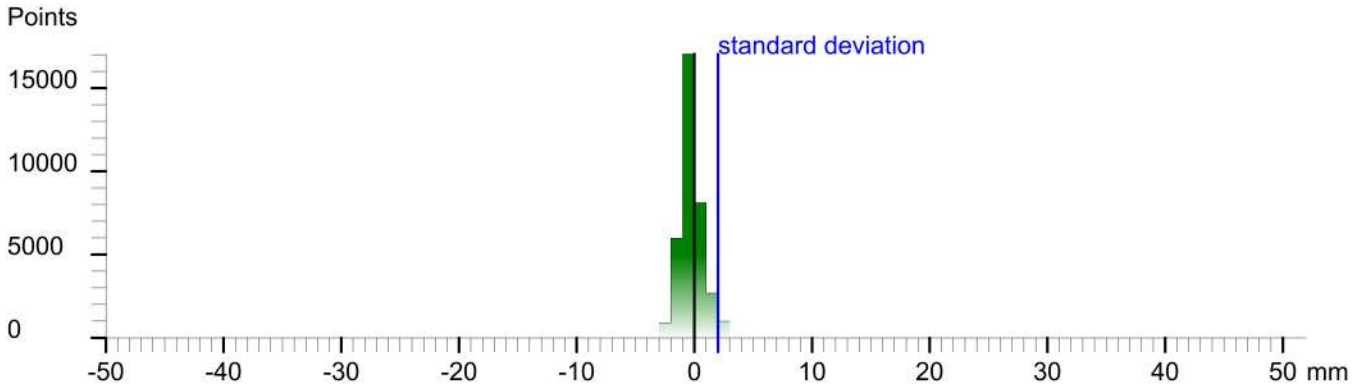
# Scan position '179'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.998638	-0.051924	-0.005234	-36.7168 m
0.051922	-0.998652	0.000548	25.4353 m
-0.005255	0.000276	0.999986	-1.7423 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.0 mm

## Deviation histogram



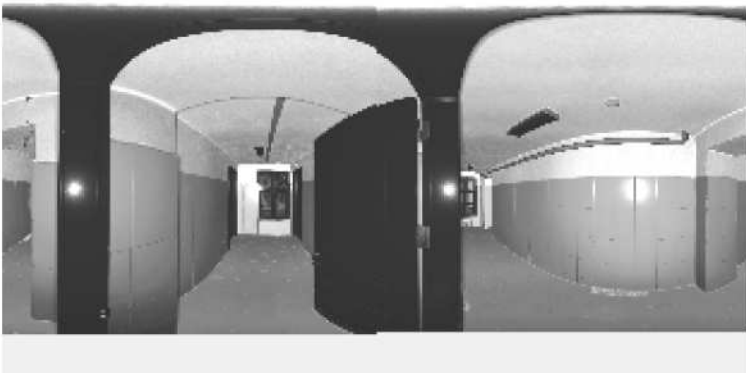
## Scan '179'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3\memorize 1 -file "179" -scaepos "179" -path "Bibloteca Virgil Caramopol 2" -project "Bibloteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test -resolution h -quality default -frown "0" -fo "101" -hnorm "20" -ho1 "340"
Sensor
sensors: 3096 ' barometer translation rotation'
Barometer: 1.002391 bar 90.796 m
nav translation: -2.3261 m -3.5880 m 90.6497 m accuracies: 7.2676 m 7.2676 m 0.0000 m
nav rotation: 0.0000 0.0000 177.6823 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.999 0.040 0.000 -36.075
-0.040 -0.999 0.000 22.703
0.000 0.000 1.000 101.585
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



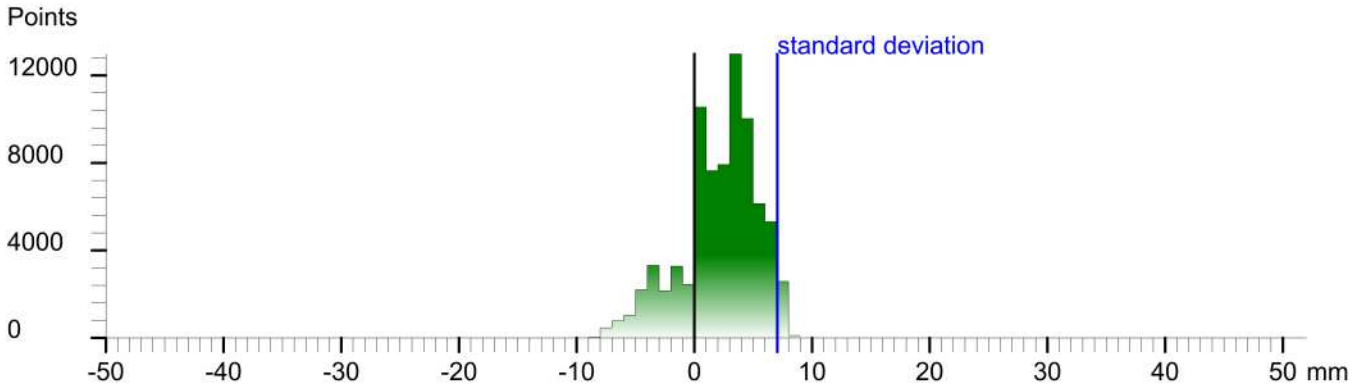
# Scan position '18'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.757093	-0.653306	-0.001181	-22.1279 m
0.653304	0.757094	-0.001511	7.7095 m
0.001881	0.000372	0.999998	-0.5442 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 7.0 mm

## Deviation histogram



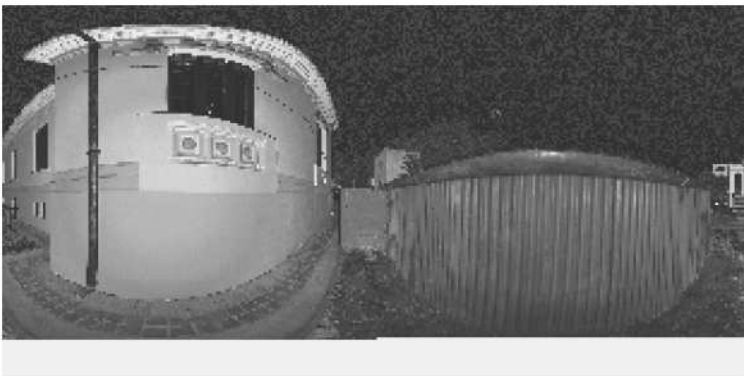
## Scan '18'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "18" -scans "18" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "181" -efcom "20" -Ho1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.013300 bar -0.412781 m
nav translation: 4.7177 m 4.5745 m -0.8907 m accuracies: 5.1000 m 5.1000 m 0.0005 m
nav rotation: 0.0000 0.0000 349.9051 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110561 long:24.348885 satellites:4 height:143.2m hdop:3.2 vdop:4.8m hacc:11.0m vacc:15.0 flags:G3 'stand alone 3D solution'
north:4887570.444 m east:287841.817 m zone:35T
Initial pre position (3:outdoor)
0.985 -0.175 0.000 -23.196
0.175 0.985 0.000 1.344
0.000 0.000 1.000 10.044
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '180'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

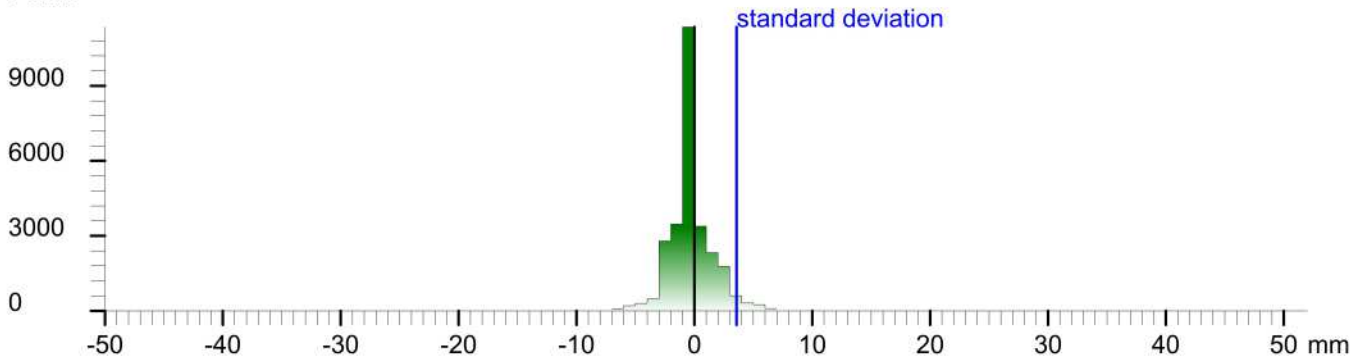
Registration matrix:

```
-0.486280 -0.873785 -0.005659 -39.3187 m  
0.873797 -0.486293 0.001142 27.6342 m  
-0.003751 -0.004388 0.999983 -1.7659 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram

Points



## Scan '180'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "180" -scenpos "180" -path "Bibloteca Virgil Caranopol 2" -project "Bibloteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -interval "20" -to1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002406 bar 90.6658 m  
nav translation: -2.5540 m 0.7438 m 89.9104 m accuracies: 6.4594 m 6.4594 m 0.0000 m  
nav rotation: 0.0000 0.0000 246.8167 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.394 -0.919 0.000 -38.629  
0.919 -0.394 0.000 23.447  
0.000 0.000 1.000 100.846  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '181'

Scan position is member of group(s):

Status registration '[10023h] preregistered, manually'

Registration matrix:

0.630370	-0.776295	0.000112	-37.5866 m
0.776295	0.630371	0.000988	29.3698 m
-0.000839	-0.000536	0.999999	-1.7617 m
0.000000	0.000000	0.000000	1.0000

## Scan '181'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'cd "/>



# Scan position '182'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

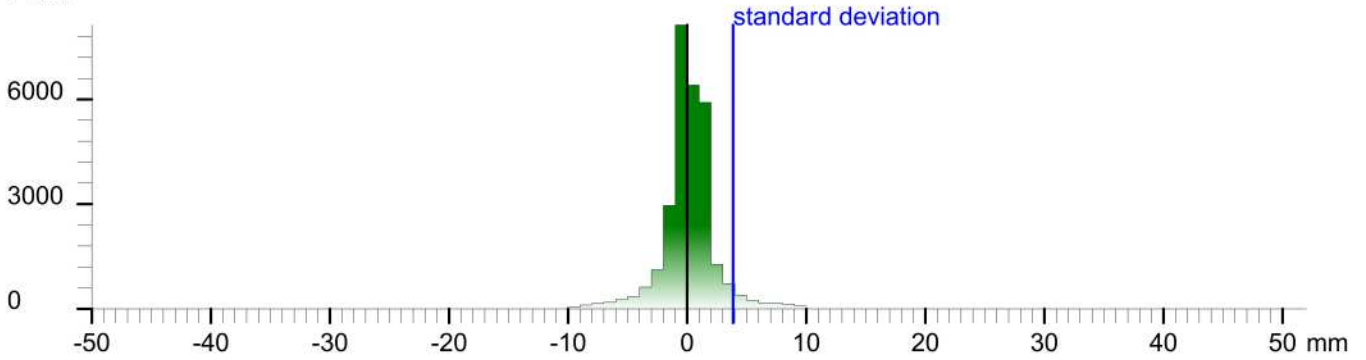
Registration matrix:

```
0.997007  0.077321  0.000572 -37.1686 m
-0.077323 0.997006  0.001524  28.5063 m
-0.000453 -0.001565 0.999998  -1.7607 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:3.9 mm

## Deviation histogram

Points



## Scan '182'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

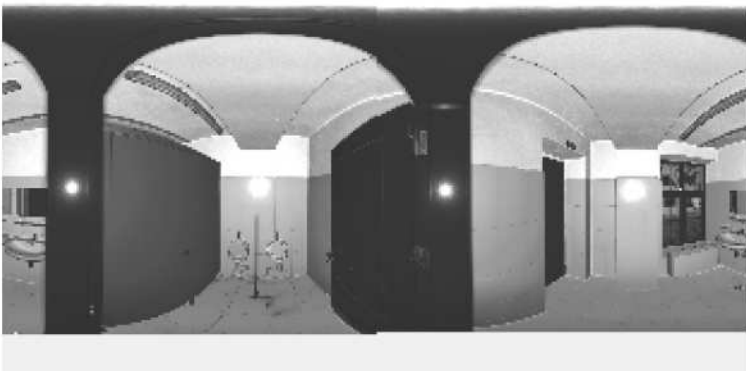
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `cd /home/RCSEnser 9.0.3/ -memorize 1 -file "182" -scapos "182" -path "Biblioteca Virgil Caramopol 2" -project "Biblioteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hkom1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002565 bar 89.3384 m  
nav translation: 1.4239 m 0.4057 m 89.4646 m accuracies: 5.8477 m 5.8477 m 0.0000 m  
nav rotation: 0.0000 0.0000 14.6256 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.968 0.253 0.000 -36.697  
-0.253 0.968 0.000 27.494  
0.000 0.000 1.000 100.400  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '183'

Scan position is member of group(s):

Status registration '[10123h] preregistered with cloud to cloud, manually'

Registration matrix:

0.300199	-0.953877	-0.000035	-36.2626 m
0.953878	0.300200	0.000013	28.6424 m
-0.000003	-0.000038	1.000000	-1.7619 m
0.000000	0.000000	0.000000	1.0000

## Scan '183'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'c:\1\_PCServer 9.0.3' -memorize 1 -file "183" -scenpos "183" -path "Bibloteca Virgil Caranopol 2" -project "Bibloteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams fast -resolution h -quality default -ifrom "0" -ilo "181" -ifrom1 "20" -ilo1 "340"

### Sensor

sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002511 bar 89.7859 m  
nav translation: 0.8016 m 1.9178 m 89.6960 m accuracies: 6.1534 m 6.1534 m 0.0001 m  
nav rotation: 0.0000 0.0000 286.1417 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.278 -0.961 0.000 -35.895  
0.961 0.278 0.000 29.411  
0.000 0.000 1.000 100.631  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '184'

Scan position is member of group(s):  
Status registration '[10023h] preregistered, manually'  
Registration matrix:

-0.748242	0.663427	-0.000034	-41.2197 m
-0.663428	-0.748242	-0.000155	24.6838 m
-0.000126	-0.000093	1.000000	-1.7805 m
0.000000	0.000000	0.000000	1.0000

## Scan '184'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'c:\1\_PCServer 9.0.3' -memorize 1 -file "184" -scaepos "184" -path "Bibloteca Virgil Caranopol 2" -project "Bibloteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams fast-resolution h-quality default -ifrom "0" -ilo "101" -ifrom1 "20" -ilo1 "340"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002395 bar 90.7659 m  
nav translation: 1.6249 m -3.5000 m 90.3368 m accuracies: 7.0492 m 7.0492 m 0.0000 m  
nav rotation: 0.0000 0.0000 136.8750 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.730 0.684 0.000 -34.270  
-0.684 -0.730 0.000 25.911  
0.000 0.000 1.000 101.272  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '185'

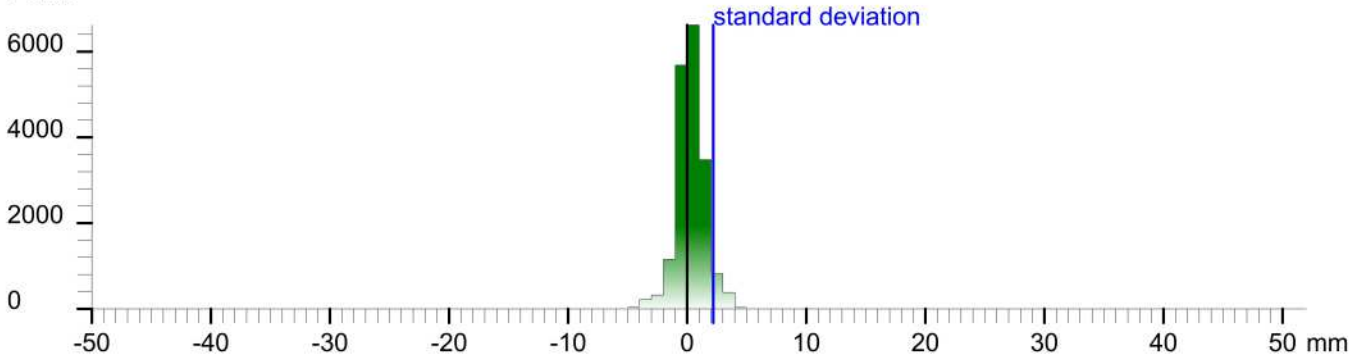
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.264390 0.964416 0.001044 -39.6989 m
-0.964417 0.264388 0.001240 25.3722 m
0.000921 -0.001336 0.999998 -1.7702 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram

Points



## Scan '185'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "185" -scenpos "185" -path "Bibikoteza Virgil Cazanopol 2" -project "Bibikoteza Virgil Cazanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -ffrom "0" -to "101" -hfrom "20" -to1 "340"
```

```
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 1.002511 bar 89.7859 m
nav translation: 1.0940 m -1.6498 m 90.4352 m accuracies: 6.1029 m 6.1029 m 0.0000 m
nav rotation: 0.0000 0.0000 73.6998 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.281 0.960 0.000 -33.176
-0.960 0.281 0.000 24.262
0.000 0.000 1.000 101.370
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '186'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

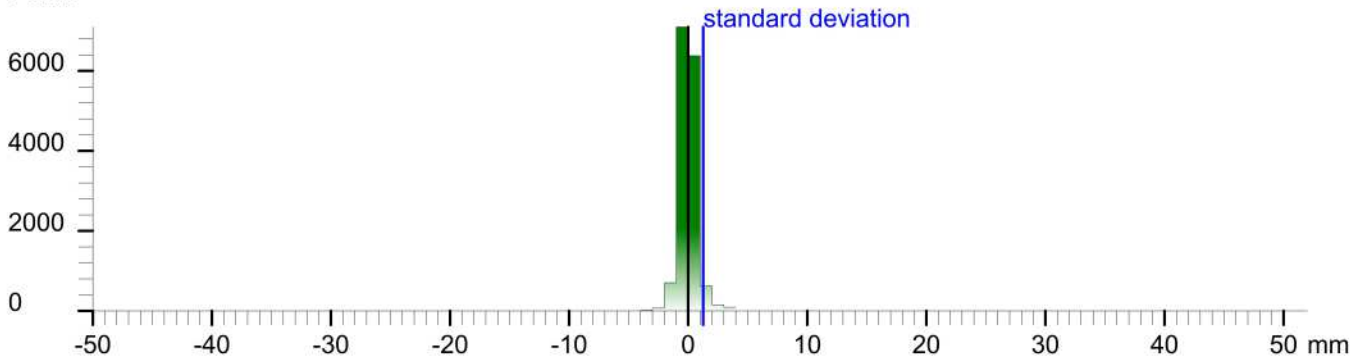
Registration matrix:

```
-0.134272  0.990945  0.000555 -39.7809 m
-0.990946 -0.134273 -0.000227  24.5170 m
-0.000150 -0.000581  0.999999  -1.7714 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.3 mm

## Deviation histogram

Points



## Scan '186'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "186" -scapos "186" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-f" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hkonr1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002510 bar 89.7969 m  
nav translation: 1.5343 m -2.3967 m 89.5272 m accuracies: 6.5269 m 6.5269 m 0.0000 m  
nav rotation: 0.0000 0.0000 94.9528 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.086 0.996 0.000 -31.642  
-0.996 -0.086 0.000 21.865  
0.000 0.000 1.000 100.462  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





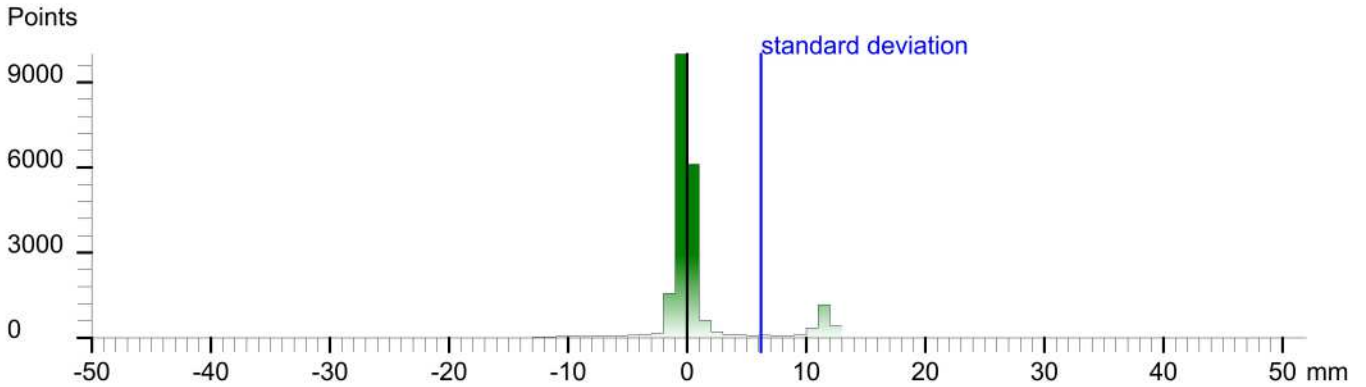
# Scan position '187'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.522563  0.852600  0.001538 -39.0774 m  
-0.852602 -0.522564 -0.000060  24.0669 m  
0.000754 -0.001343  0.999998  -1.7706 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:6.2 mm

## Deviation histogram



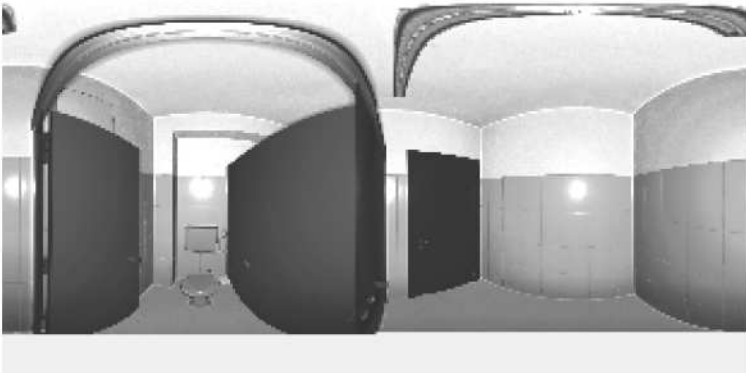
## Scan '187'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F Imager 9.0.3" -memorize 1 -file "187" -scaepos "187" -path "Bibikoteza Virgil Cernanopol 2" -project "Bibikoteza Virgil Cernanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002447 bar 90.3284 m  
nav translation: 1.3666 m -0.2250 m 90.3281 m accuracies: 5.7977 m 5.7977 m 0.0000 m  
nav rotation: 0.0000 0.0000 118.1044 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.471 0.882 0.000 -30.275  
-0.882 -0.471 0.000 21.640  
0.000 0.000 1.000 101.263  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



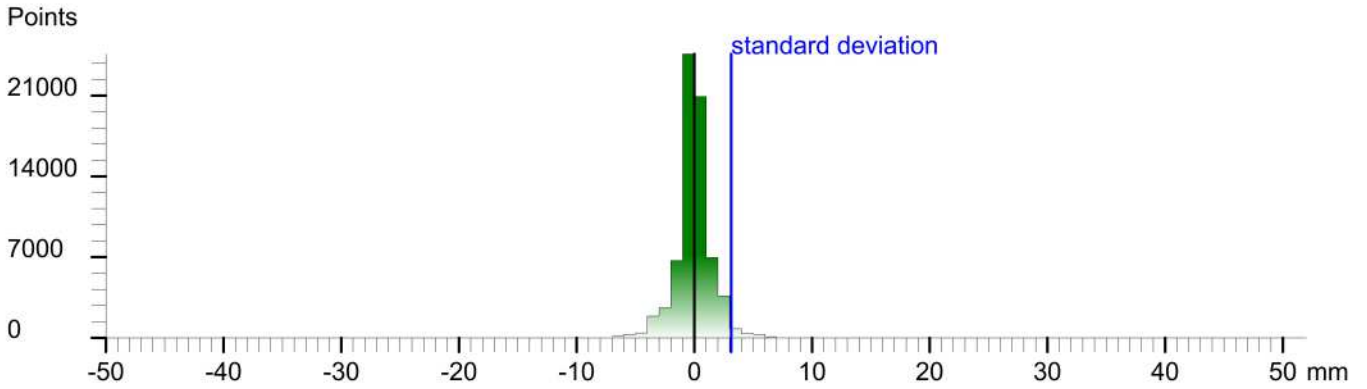
# Scan position '188'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.448075	-0.893985	-0.004442	-26.4283 m
0.893996	0.448076	0.000990	27.1292 m
0.001104	-0.004415	0.999989	-1.7282 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.1 mm

## Deviation histogram



## Scan '188'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 5016" -memorize 1 -file "188" -screpos "188" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hkom1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002448 bar 90.3184 m  
nav translation: 3.3887 m -3.4874 m 89.9607 m accuracies: 7.6110 m 7.6110 m 0.0000 m  
nav rotation: 0.0000 0.0000 309.7230 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.639 -0.769 0.000 -26.887  
0.769 0.639 0.000 18.152  
0.000 0.000 1.000 100.896  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



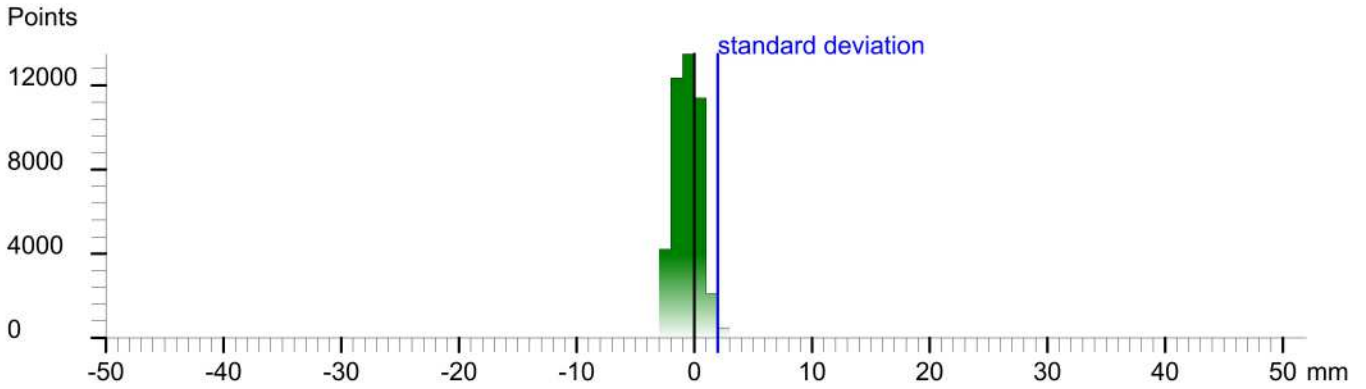
# Scan position '189'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.588043 -0.808816 -0.004682 -28.9539 m  
0.808825 -0.588051 0.000345 27.8185 m  
-0.003033 -0.003583 0.999989 -1.7685 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.0 mm

## Deviation histogram



## Scan '189'

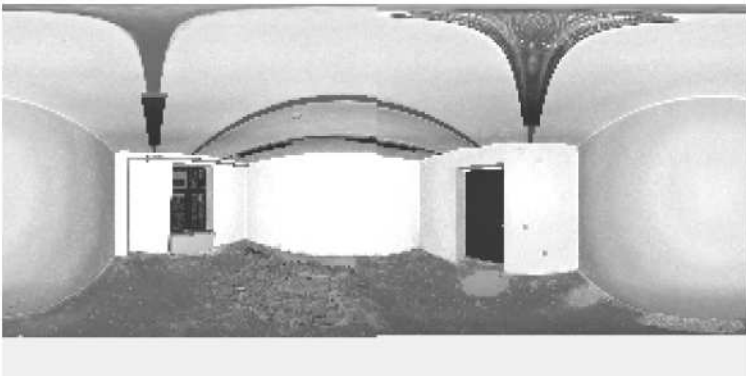
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "189" -scenpos "189" -path "Bibikotea Virgil Caramopol 2" -project "Bibikotea Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002469 bar 90.1422 m  
nav translation: -0.5730 m 2.8708 m 89.9273 m accuracies: 6.5714 m 6.5714 m 0.0000 m  
nav rotation: 0.0000 0.0000 229.8892 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.644 -0.765 0.000 -27.460  
0.765 -0.644 0.000 21.023  
0.000 0.000 1.000 100.862  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '19'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

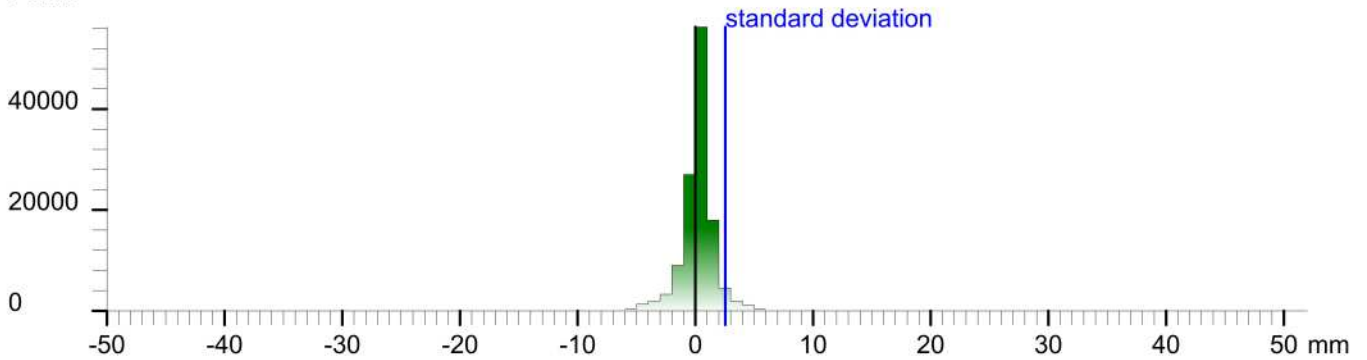
Registration matrix:

```
0.622395 -0.782702 -0.001540 -24.7254 m
0.782703 0.622396 -0.000093 9.9236 m
0.001031 -0.001148 0.999999 -0.6829 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.5 mm

## Deviation histogram

Points



## Scan '19'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "19" -scaprio "19" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Ho1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.013246 bar 0.0308205 m
nav translation: 2.5256 m 2.3484 m -0.4225 m accuracies: 5.1000 m 5.1000 m 0.0001 m
nav rotation: 0.0000 0.0000 304.7652 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110607 long:24.348892 satellites:6 height:146.8m hdop:1.4 vdop:2.1m hacc:14.0m vacc:19.0 flags:G3 'stand alone 3D solution'
north:4887575.509 m east:287842.592 m zone:35T
Initial pre position (3:outdoor)
0.570 -0.821 0.000 -35.353
0.821 0.570 0.000 2.396
0.000 0.000 1.000 10.513
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '190'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

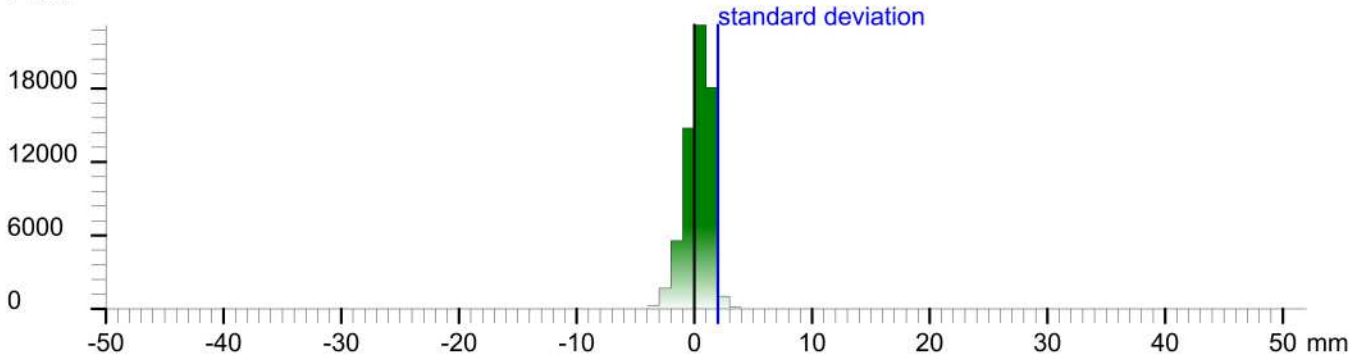
Registration matrix:

```
0.500130 -0.865940 -0.004298 -29.2853 m
0.865951 0.500129 0.001668 30.6268 m
0.000704 -0.004556 0.999989 -1.7746 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram

Points



## Scan '190'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

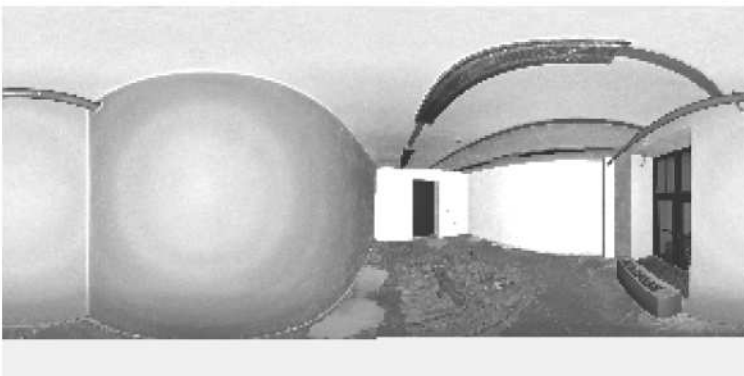
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 5016" -memorize 1 -file "190" -scenpos "190" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002474 bar 90.1022 m  
nav translation: -0.7161 m 1.2334 m 89.9770 m accuracies: 5.8213 m 5.8213 m 0.0003 m  
nav rotation: 0.0000 0.0000 288.3550 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.315 -0.949 0.000 -28.176  
0.949 0.315 0.000 22.257  
0.000 0.000 1.000 100.912  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '191'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

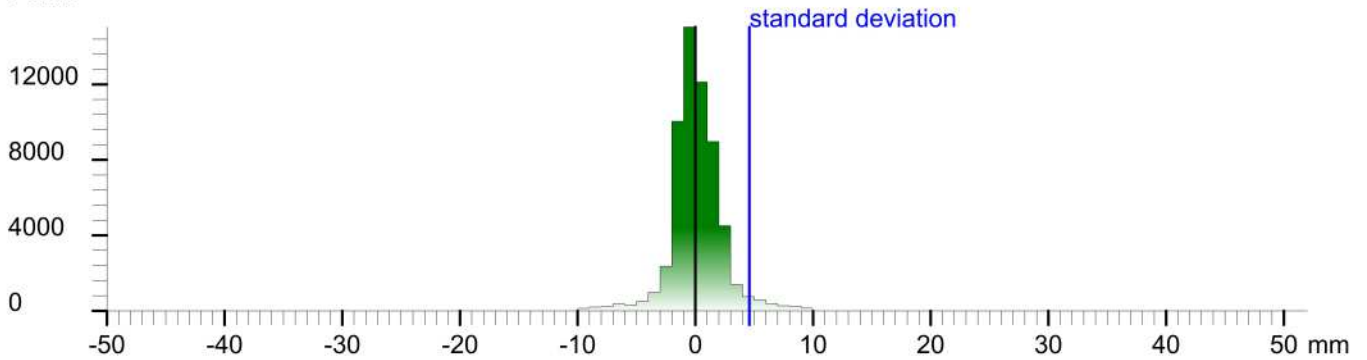
Registration matrix:

0.496585	-0.867981	-0.003619	-21.7932 m
0.867989	0.496583	0.001676	33.4266 m
0.000341	-0.003973	0.999992	-1.7090 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:4.6 mm

## Deviation histogram

Points



## Scan '191'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "191" -scenpos "191" -path "Bibloteca Virgil Caramopol 2" -project "Bibloteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002285 bar 91.683 m  
nav translation: -1.2264 m 6.9296 m 91.4219 m accuracies: 8.7311 m 8.7311 m 0.0001 m  
nav rotation: 0.0000 0.0000 307.1316 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.604 -0.797 0.000 -29.402  
0.797 0.604 0.000 29.186  
0.000 0.000 1.000 102.357  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '192'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

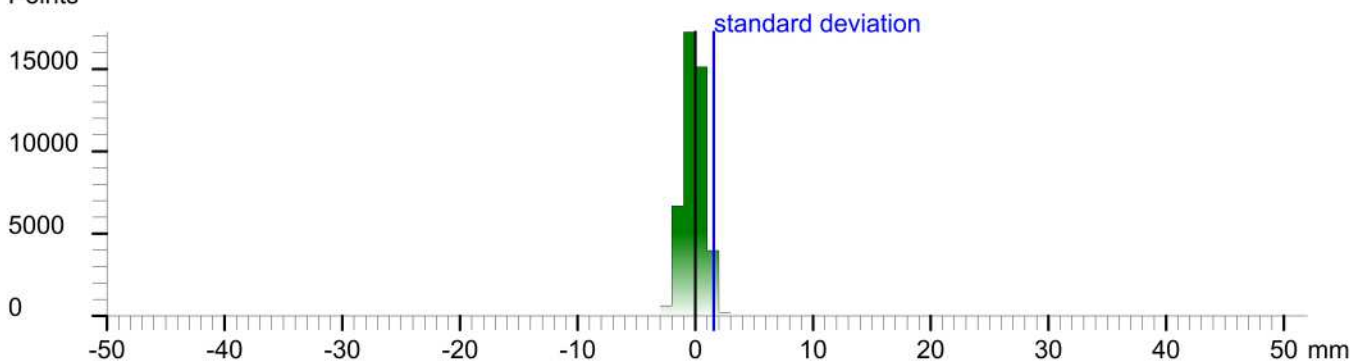
Registration matrix:

0.915677	-0.401907	-0.002710	-22.2421 m
0.401914	0.915675	0.002699	35.4893 m
0.001396	-0.003561	0.999992	-1.7316 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan '192'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

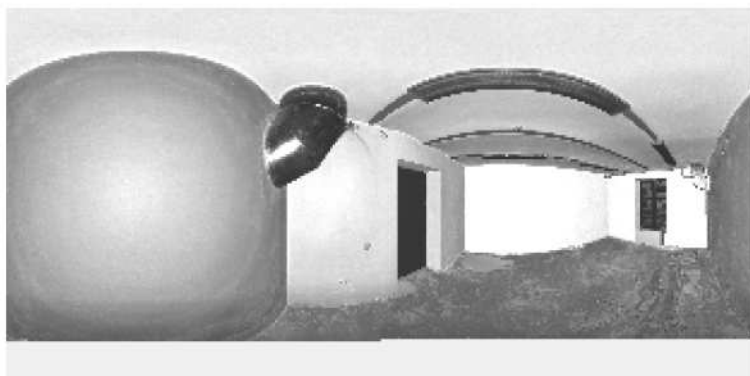
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 5016" -memorize 1 -file "192" -scales "192" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution-h-quality-default-ffrom "0" -fo "101" -hkom1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002263 bar 91.702 m  
nav translation: 0.6995 m 1.4176 m 91.9450 m accuracies: 5.8988 m 5.8988 m 0.0001 m  
nav rotation: 0.0000 0.0000 334.0849 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.899 -0.437 0.000 -28.703  
0.437 0.899 0.000 30.604  
0.000 0.000 1.000 102.880  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



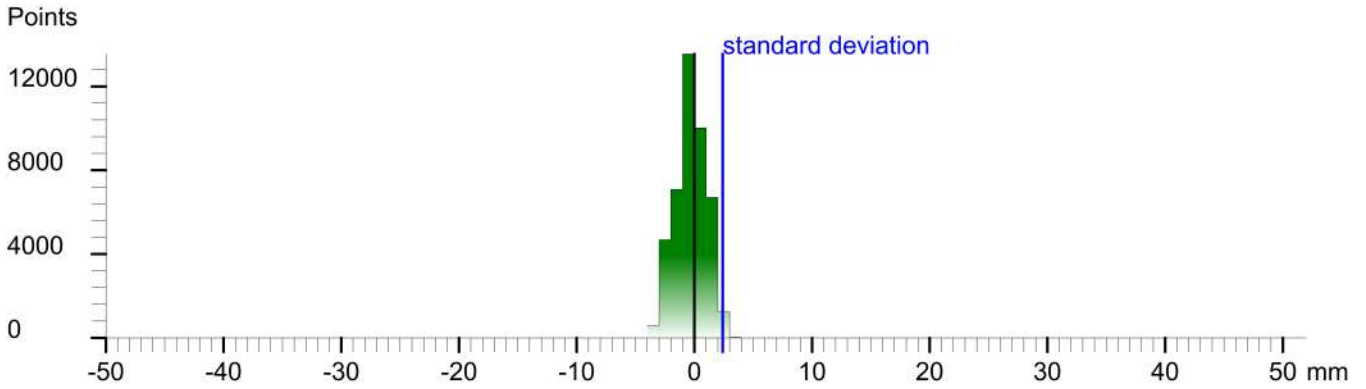
# Scan position '193'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.596111	-0.802893	-0.003961	-25.8062 m
0.802896	-0.596120	0.001292	35.0114 m
-0.003399	-0.002409	0.999991	-1.7405 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.4 mm

## Deviation histogram



## Scan '193'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSense 9.0.3/ -memorize 1 -file "193" -scapos "193" -path "Bilkozece Virgil Cazanopol 2" -project "Bilkozece Virgil Cazanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-f" -panoramaparams test -resolution h -quality default -from "0" -to "101" -interval "20" -to1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002301 bar 91.5498 m  
nav translation: -0.5331 m 3.8530 m 91.4928 m accuracies: 7.0592 m 7.0592 m 0.0000 m  
nav rotation: 0.0000 0.0000 228.0647 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.668 -0.744 0.000 -29.236  
0.744 -0.668 0.000 34.457  
0.000 0.000 1.000 102.428  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '194'

Scan position is member of group(s):

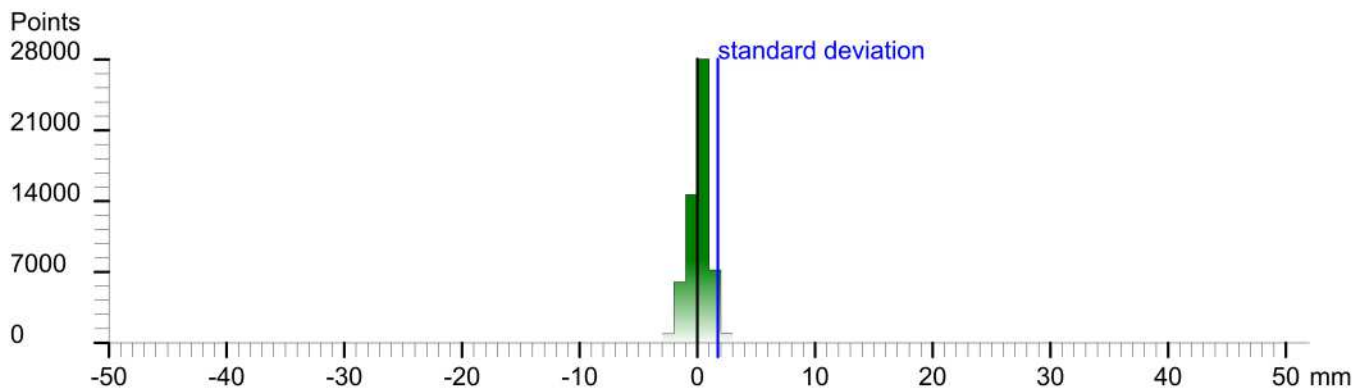
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.814467 -0.580198 -0.003698 -19.7757 m
0.580201 -0.814474 0.000661 36.1369 m
-0.003396 -0.001606 0.999993 -1.6900 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.7 mm

## Deviation histogram



## Scan '194'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3\memorize 1 -file "194" -scenpos "194" -path "Biblioteca Virgil Caramopol 2" -project "Biblioteca Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002339 bar 91.2294 m  
nav translation: -1.3410 m 0.2993 m 90.9155 m accuracies: 5.8012 m 5.8012 m 0.0000 m  
nav rotation: 0.0000 0.0000 209.2901 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.872 -0.489 0.000 -30.577  
0.489 -0.872 0.000 34.756  
0.000 0.000 1.000 101.851  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '196'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

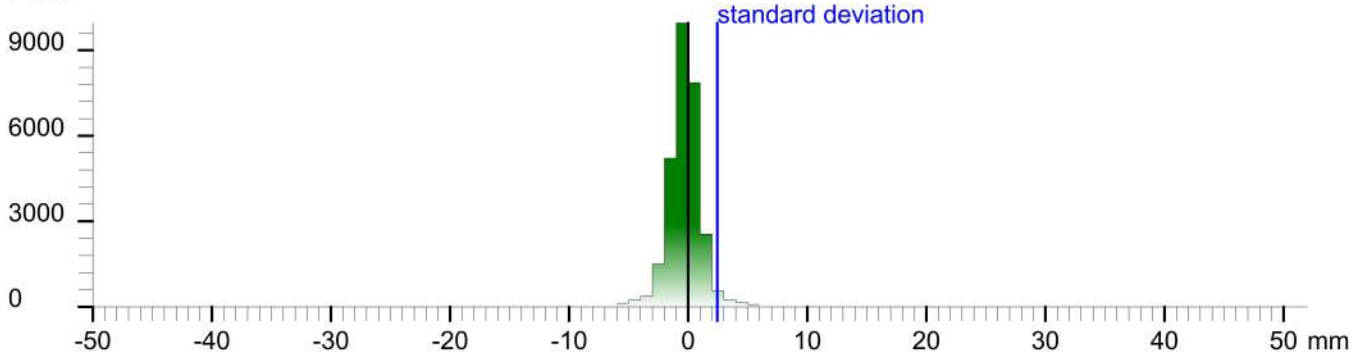
Registration matrix:

```
-0.179517 -0.983748 -0.003815 -22.1762 m
0.983752 -0.179526 0.002092 37.9373 m
-0.002744 -0.003377 0.999990 -1.6952 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.4 mm

## Deviation histogram

Points



## Scan '196'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

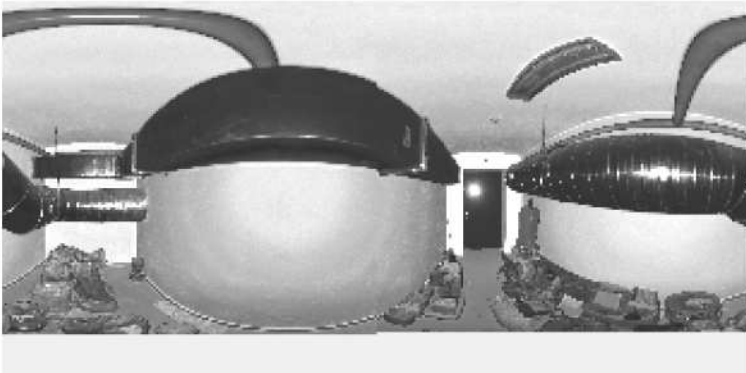
Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "196" -scaepos "196" -path "Bilkozeva Virgi Cataractop 2" -project "Bilkozeva Virgi Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hkom1 "20" -ho1 "340"
```

Sensor

```
sensors: 3096 ' barometer translation rotation'
Barometer: 1.002367 bar 90.9942 m
nav translation: 0.0000 m 0.0000 m 90.9101 m accuracies: 5.1000 m 5.1000 m 0.0000 m
nav rotation: 0.0000 0.0000 240.5894 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.491 -0.871 0.000 -30.577
0.871 -0.491 0.000 34.756
0.000 0.000 1.000 101.845
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '197'

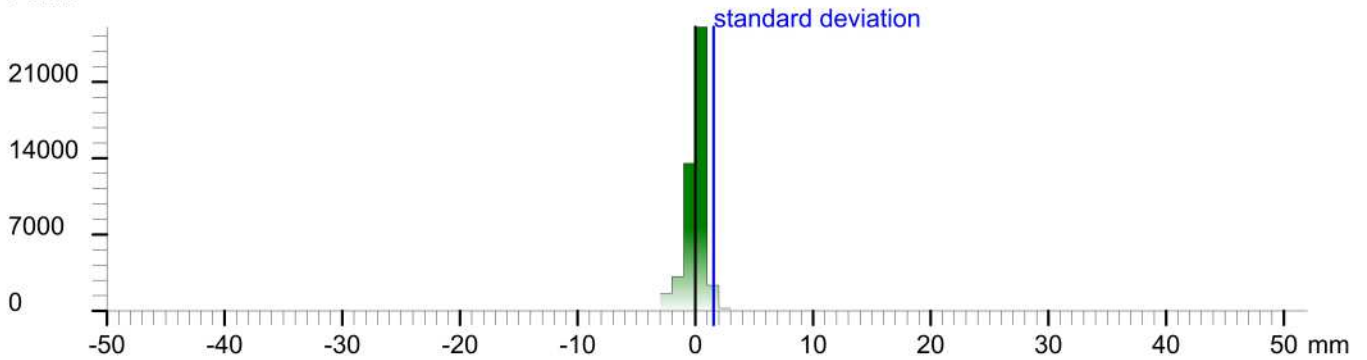
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.970715	0.240209	-0.003428	-18.3584 m
-0.240204	0.970722	0.001941	36.4364 m
0.003793	-0.001062	0.999992	-1.6778 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan '197'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 5016" -memorize 1 -file "197" -scenpos "197" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test -resolution h -quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002412 bar 90.6218 m  
nav translation: 0.1932 m 0.2420 m 90.9203 m accuracies: 5.2603 m 5.2603 m 0.0000 m  
nav rotation: 0.0000 0.0000 20.7254 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.935 0.354 0.000 -30.383  
-0.354 0.935 0.000 34.998  
0.000 0.000 1.000 101.855  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



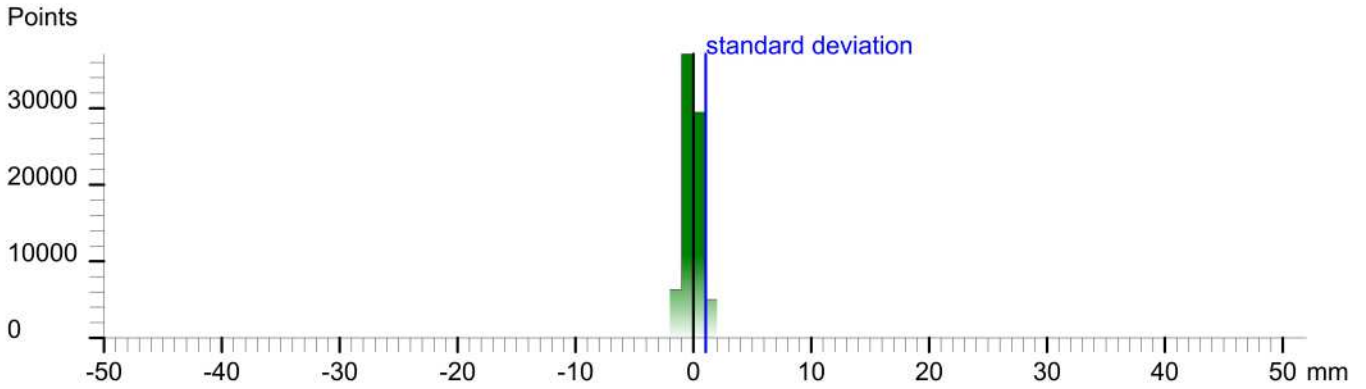
# Scan position '198'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.877232	0.480062	-0.002042	-15.1205 m
-0.480059	0.877235	0.001945	36.8977 m
0.002725	-0.000727	0.999996	-1.7086 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.1 mm

## Deviation histogram



## Scan '198'

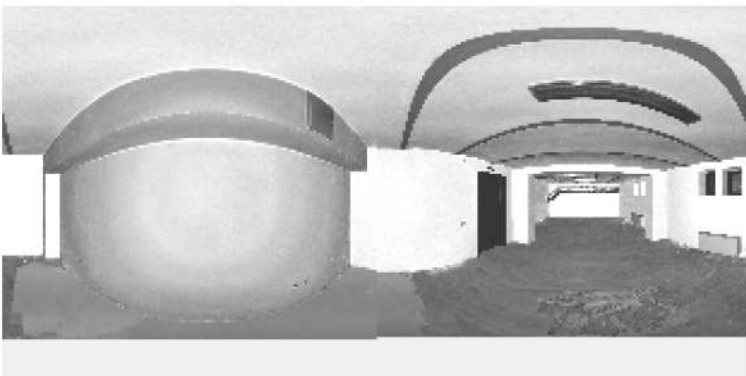
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "198" -scaepos "198" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution-h-quality-default-ffrom "0" -fo "101" -hnorm1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002374 bar 90.9421 m  
nav translation: 1.9104 m -0.8780 m 90.1600 m accuracies: 6.1672 m 6.1672 m 0.0001 m  
nav rotation: 0.0000 0.0000 42.4830 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.737 0.675 0.000 -28.473  
-0.675 0.737 0.000 34.120  
0.000 0.000 1.000 101.095  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '199'

Scan position is member of group(s):

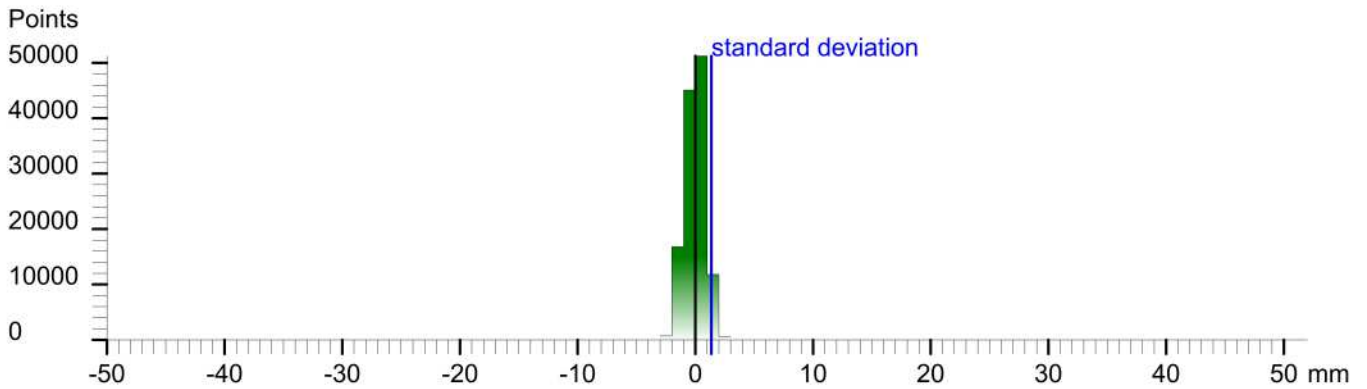
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.177248 -0.984160 -0.003728 -20.1580 m  
0.984165 -0.177255 0.001571 40.4268 m  
-0.002207 -0.003390 0.999992 -1.6888 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram



## Scan '199'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSEnser 9.0.3/ -memorize 1 -file "199" -scapos "199" -path "Bibikoteza Virgi Cataropol 2" -project "Bibikoteza Virgi Cataropol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hkonm1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002235 bar 92.1035 m  
nav translation: 3.7363 m 4.0567 m 91.6046 m accuracies: 7.8888 m 7.8888 m 0.0001 m  
nav rotation: 0.0000 0.0000 252.8996 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.294 -0.956 0.000 -24.737  
0.956 -0.294 0.000 38.177  
0.000 0.000 1.000 102.540  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '2'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

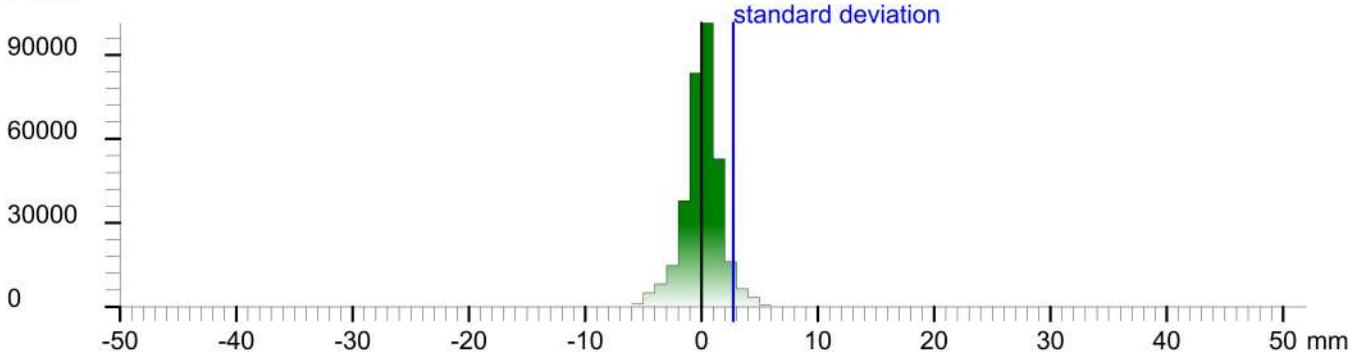
Registration matrix:

```
0.671729 -0.740796 -0.000769 4.1225 m
0.740797 0.671729 0.001084 10.7865 m
-0.000287 -0.001298 0.999999 -0.0403 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.7 mm

## Deviation histogram

Points



## Scan '2'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "2" -scans "2" -path "Biblioteca Virgil Catalanop 2" -project "Biblioteca Virgil Catalanop 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "cam" -panoramaparams fast-resolution h -quality default -from "0" -to "101" -from1 "20" -to1 "340"
Sensor
sensors: 3100 * barometer translation rotation gps*
Barometer: 1.014503 bar -10.426 m
nav translation: 1.3180 m 1.9596 m -11.2971 m accuracies: 5.3093 m 6.3093 m 0.0000 m
nav rotation: 0.0000 0.0000 318.4182 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110600 long:24.349203 satellites:5 height:147.5m hdop:4.9 vdop:2.6m hacc:13.0m vacc:7.5 flags:G3 'stand alone 3D solution'
north:4887573.860 m east:287867.445 m zone:35T
Initial pre position (3:outdoor)
0.748 -0.664 0.000 1.318
0.664 0.748 0.000 1.960
0.000 0.000 1.000 0.391
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



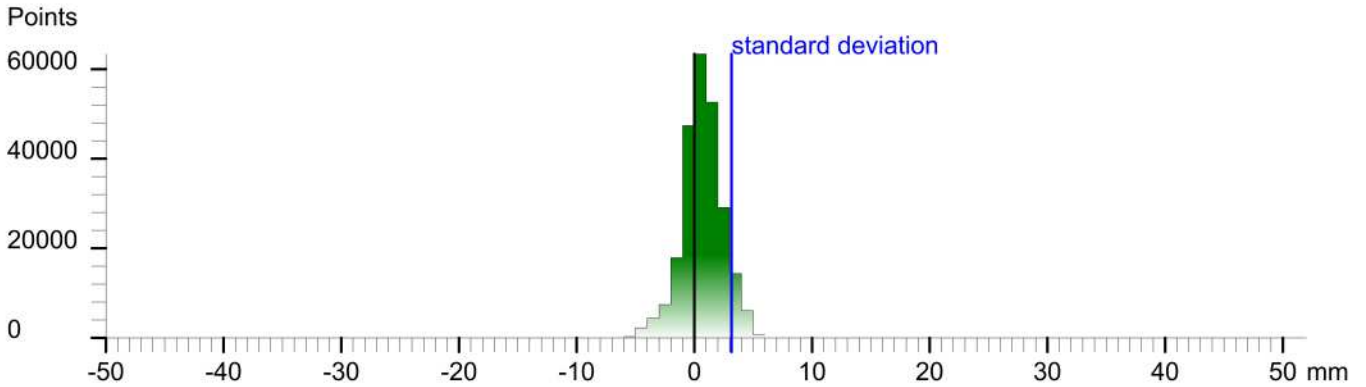
# Scan position '20'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.985107 0.171941 -0.001339 -29.3241 m  
-0.171940 0.985107 0.000512 12.9717 m  
0.001407 -0.000274 0.999999 -0.6725 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.2 mm

## Deviation histogram



## Scan '20'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "20" -scanspot "20" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -ifrom "0" -do "101" -ifrom "20" -Hot1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 1.013161 bar 0.738439 m  
nav translation: -1.0161 m -0.8447 m 0.4401 m accuracies: 5.1000 m 5.1000 m 0.0001 m  
nav rotation: 0.0000 0.0000 10.8361 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:44.110622 long:24.348860 satellites:4 height:145.3m hdop:2.5 vdop:4.0m hacc:8.7m vacc:15.0 flags:G3 'stand alone 3D solution'  
north:4887577.287 m east:287840.051 m zone:35T  
Initial pre position (3:outdoor)  
0.982 0.188 0.000 -36.370  
-0.188 0.982 0.000 1.551  
0.000 0.000 1.000 11.375  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





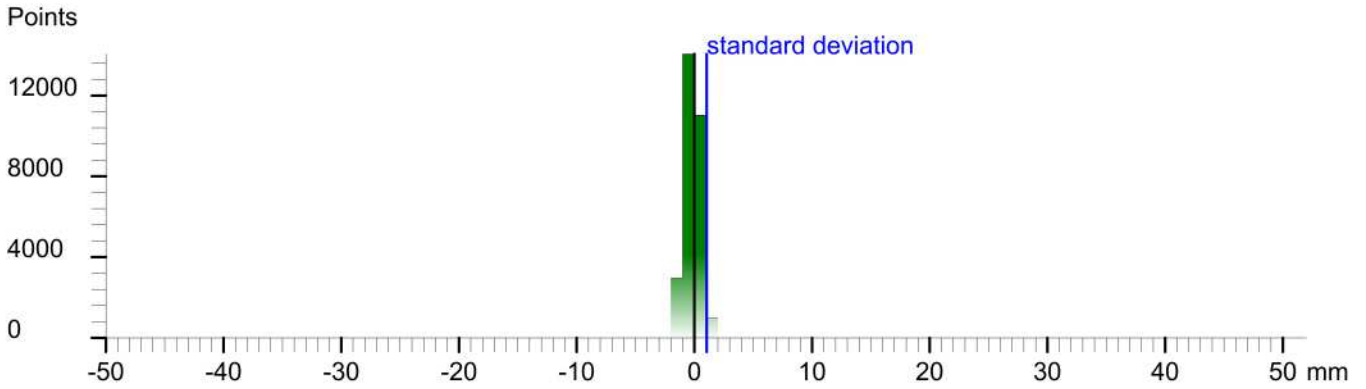
# Scan position '200'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.860639	0.509209	-0.002573	-14.4926 m
-0.509204	0.860643	0.002727	33.2108 m
0.003603	-0.001038	0.999993	-1.4085 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.1 mm

## Deviation histogram



## Scan '200'

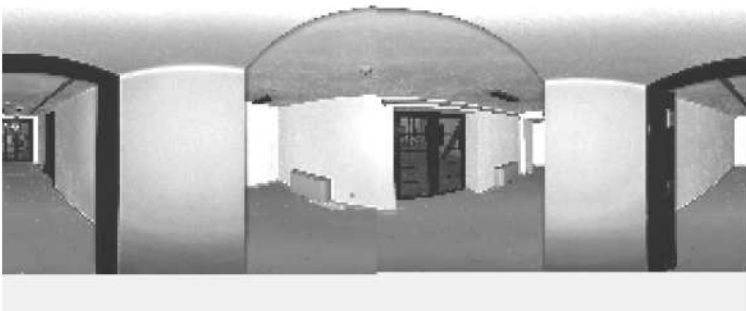
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 5016" -memorize 1 -file "200" -scaepos "200" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002117 bar 93.0998 m  
nav translation: 4.4287 m 0.0353 m 93.3801 m accuracies: 7.3255 m 7.3255 m 0.0001 m  
nav rotation: 0.0000 0.0000 23.6697 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.916 0.401 0.000 -20.308  
-0.401 0.916 0.000 38.212  
0.000 0.000 1.000 104.315  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '201'

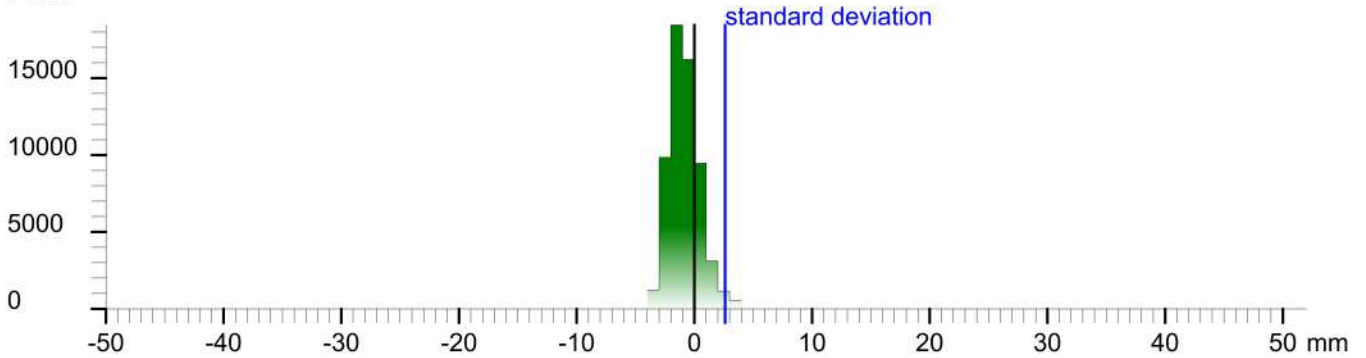
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.956796	-0.290754	-0.002138	-12.7283 m
0.290759	0.956794	0.002489	35.9716 m
0.001321	-0.003004	0.999994	-1.5904 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.6 mm

## Deviation histogram

Points



## Scan '201'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "201" -scaepos "201" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002162 bar 92.7183 m  
nav translation: 2.0506 m 0.4367 m 92.3899 m accuracies: 6.1638 m 6.1638 m 0.0000 m  
nav rotation: 0.0000 0.0000 357.2759 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.999 -0.048 0.000 -18.258  
0.048 0.999 0.000 38.649  
0.000 0.000 1.000 103.325  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '202'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

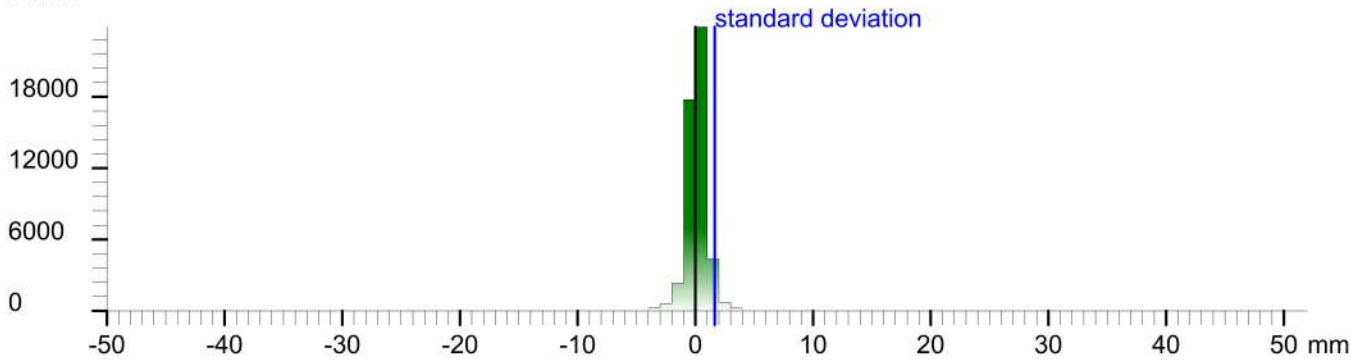
Registration matrix:

0.009250	0.999957	-0.000850	-11.6591 m
-0.999956	0.009252	0.002123	35.4184 m
0.002132	0.000829	0.999997	-1.5867 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan '202'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

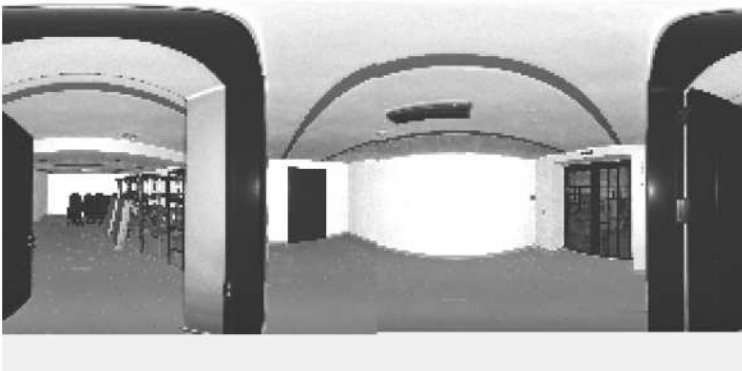
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSense 9.0.3/ -memorize 1 -file "202" -scapos "202" -path "Biblioteca Virgil Caranopol 2" -project "Biblioteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002185 bar 92.524 m  
nav translation: 0.6078 m -0.3821 m 92.7447 m accuracies: 5.4651 m 5.4651 m 0.0000 m  
nav rotation: 0.0000 0.0000 109.3522 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.331 0.943 0.000 -17.650  
-0.943 -0.331 0.000 38.267  
0.000 0.000 1.000 103.680  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '203'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

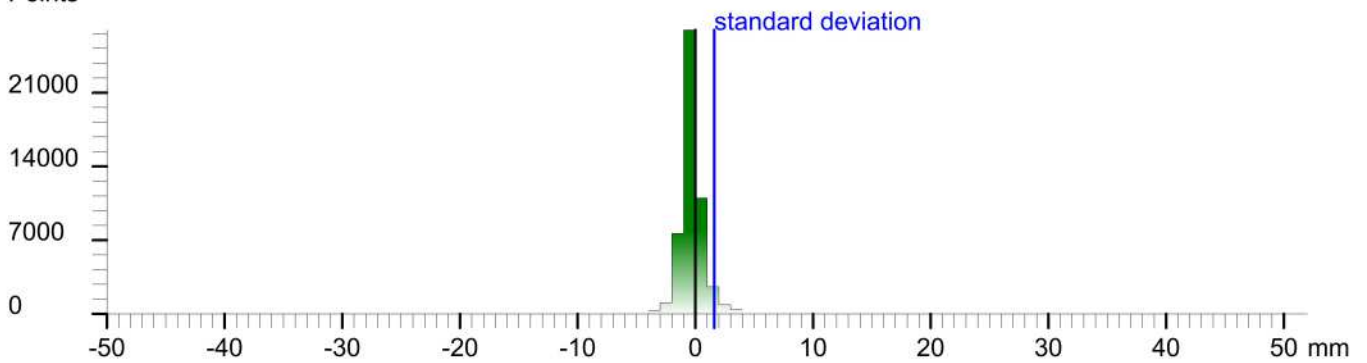
Registration matrix:

0.194120	0.980978	-0.000542	-8.6982 m
-0.980977	0.194120	0.001774	33.0948 m
0.001847	0.000186	0.999998	-1.5808 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan '203'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/RCSEnser 9.0.3/ -memorize 1 -file "203" -scaepos "203" -path "Bibikoteza Virgil Caramopol 2" -project "Bibikoteza Virgil Caramopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hkom1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002143 bar 92.8785 m  
nav translation: 0.3635 m -2.5590 m 92.8525 m accuracies: 6.4218 m 6.4218 m 0.0000 m  
nav rotation: 0.0000 0.0000 118.5198 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.477 0.879 0.000 -17.286  
-0.879 -0.477 0.000 35.708  
0.000 0.000 1.000 103.788  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '204'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

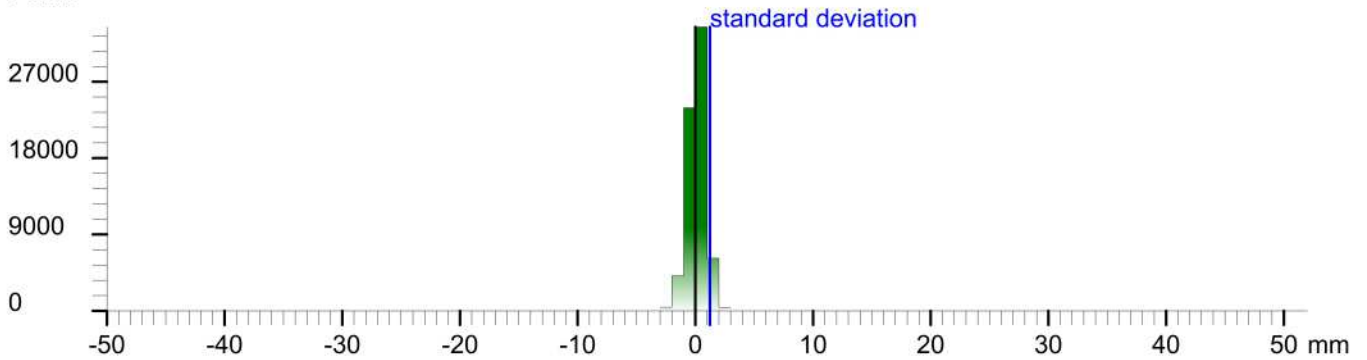
Registration matrix:

```
0.511938  0.859022  -0.000814  -10.7479 m
-0.859021  0.511939  0.002077  34.1519 m
0.002202  -0.000365  0.999997  -1.5840 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan '204'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

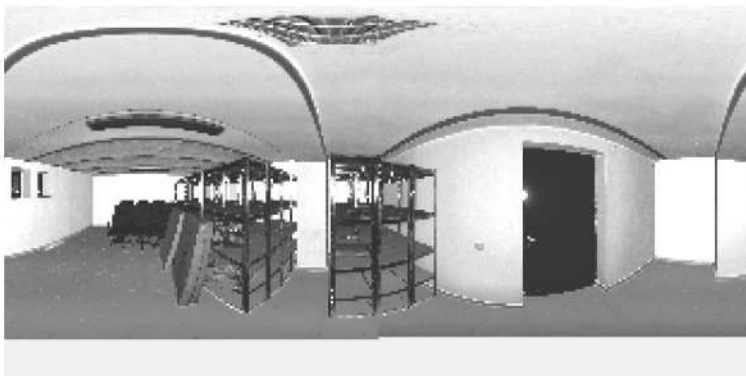
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "204" -scaepos "204" -path "Bibikoteza Virgil Cazanopol 2" -project "Bibikoteza Virgil Cazanopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"
```

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002077 bar 93.4342 m  
nav translation: 2.0550 m -0.9978 m 93.2181 m accuracies: 6.2610 m 6.2610 m 0.0000 m  
nav rotation: 0.0000 0.0000 90.6071 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.011 1.000 0.000 -15.231  
-1.000 -0.011 0.000 34.710  
0.000 0.000 1.000 104.153  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '205'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

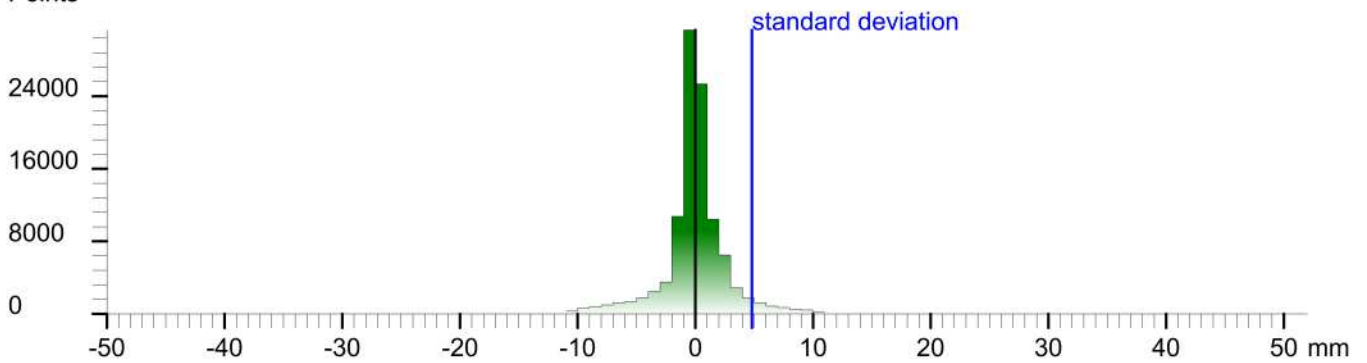
Registration matrix:

```
-0.925886  0.377802 -0.001345 -25.8063 m  
-0.377802 -0.925886  0.000994  38.7096 m  
-0.000869  0.001428  0.999999  -1.7083 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:4.8 mm

## Deviation histogram

Points



## Scan '205'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./memorize -file "205" -scenpos "205" -path "Biblioteca Virgil Caranopol 2" -project "Biblioteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -frown "0" -fo "101" -hnorm "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002059 bar 93.5844 m  
nav translation: 0.0000 m 0.0000 m 93.1709 m accuracies: 5.1000 m 5.1000 m 0.0000 m  
nav rotation: 0.0000 0.0000 160.7584 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.944 0.330 0.000 -15.231  
-0.330 -0.944 0.000 34.710  
0.000 0.000 1.000 104.106  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '206'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

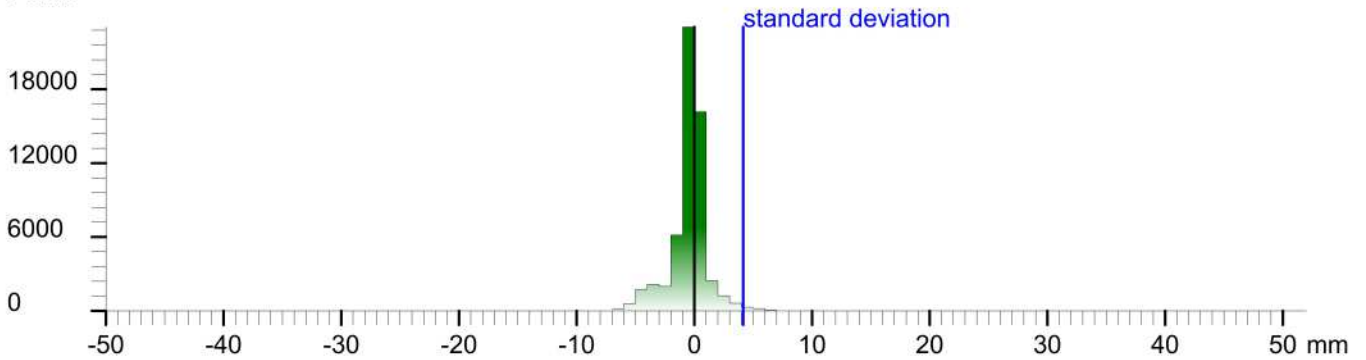
Registration matrix:

```
0.999748  0.022421  -0.001835  -22.1476 m
-0.022419 0.999749  0.001246  43.4526 m
0.001863  -0.001204  0.999998  -1.6993 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:4.2 mm

## Deviation histogram

Points



## Scan '206'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

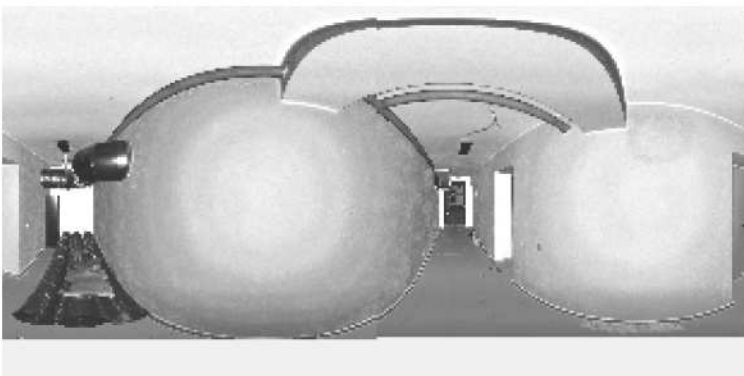
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./memorize 1 -file "206" -scaepos "206" -path "Bibikoteza Virgi Cataropol 2" -project "Bibikoteza Virgi Cataropol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom "20" -ho "1" "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002182 bar 92.5521 m  
nav translation: 2.2189 m 0.1095 m 92.3051 m accuracies: 6.2278 m 6.2278 m 0.0000 m  
nav rotation: 0.0000 0.0000 11.8111 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.979 0.205 0.000 -13.012  
-0.205 0.979 0.000 34.819  
0.000 0.000 1.000 103.240  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



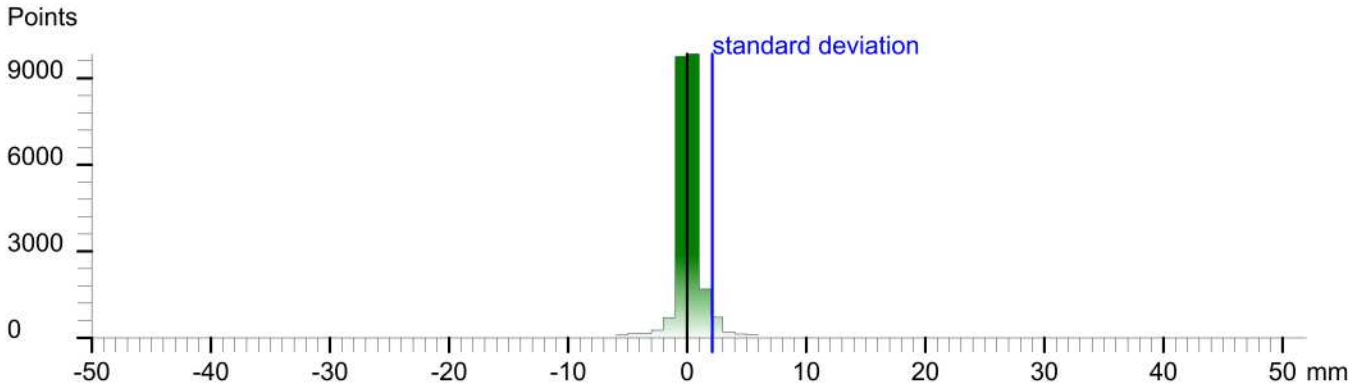
# Scan position '207'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.440240	-0.897878	-0.002351	-22.2350 m
0.897881	0.440239	0.000966	45.0312 m
0.000167	-0.002536	0.999997	-1.6984 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.1 mm

## Deviation histogram



## Scan '207'

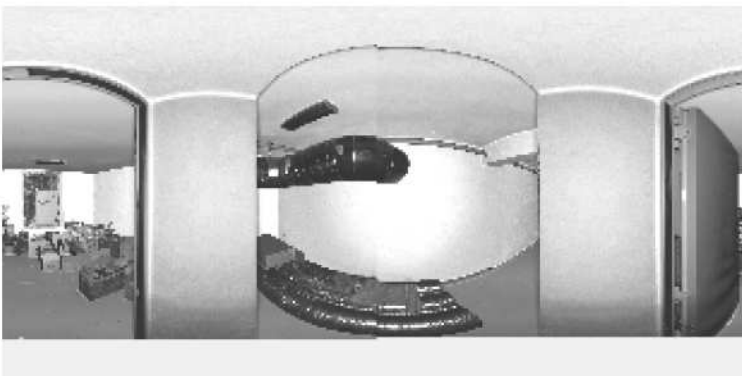
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSense 9.0.3/ -memorize 1 -file "207" -scaepos "207" -path "Bibloteca Virgil Cataractop 2" -project "Bibloteca Virgil Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -from "0" -to "101" -hkom1 "20" -ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002132 bar 92.9686 m  
nav translation: -0.5499 m 3.7767 m 93.0869 m accuracies: 7.0160 m 7.0160 m 0.0003 m  
nav rotation: 0.0000 0.0000 326.4923 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.834 -0.552 0.000 -13.562  
0.552 0.834 0.000 38.596  
0.000 0.000 1.000 104.022  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '208'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

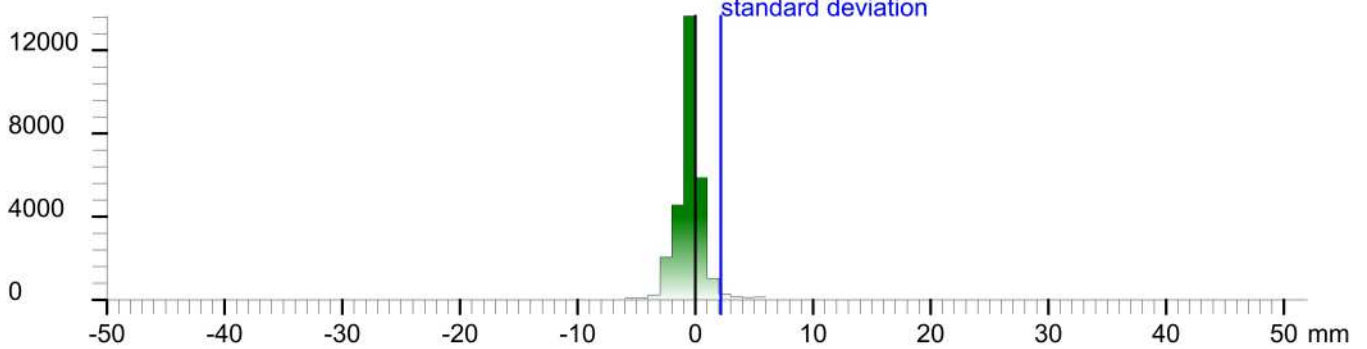
Registration matrix:

```
0.270733 -0.962652 -0.002429 -23.8986 m
0.962655 0.270731 0.001367 46.3064 m
-0.000658 -0.002709 0.999997 -1.7094 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.2 mm

## Deviation histogram

Points



## Scan '208'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

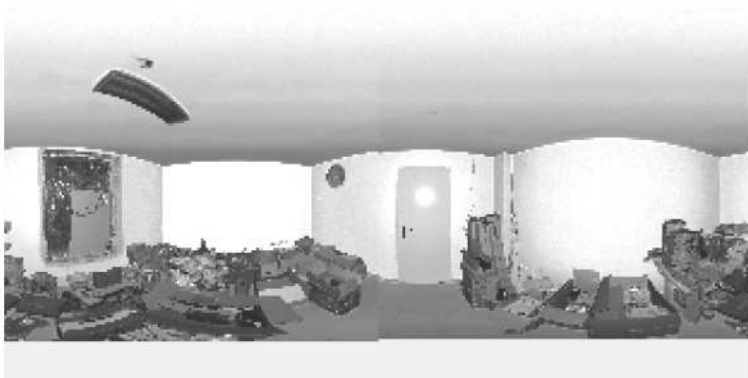
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSense 9.0.3/ -memorize 1 -file "208" -scaepos "208" -path "Bibikoteza Virgi Cataranol 2" -project "Bibikoteza Virgi Cataranol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution-h-quality-default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002168 bar 92.6682 m  
nav translation: 1.3540 m 1.8756 m 93.0751 m accuracies: 6.2591 m 6.2591 m 0.0000 m  
nav rotation: 0.0000 0.0000 286.2897 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.280 -0.960 0.000 -12.208  
0.960 0.280 0.000 40.472  
0.000 0.000 1.000 104.010  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '209'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

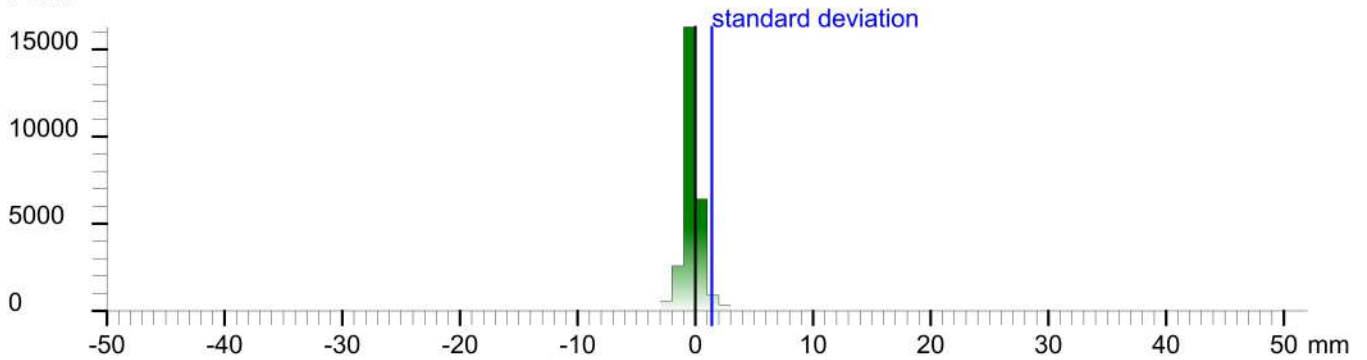
Registration matrix:

0.442124	-0.896949	-0.003113	-24.1000 m
0.896954	0.442124	0.000876	42.5250 m
0.000590	-0.003180	0.999995	-1.6971 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram

Points



## Scan '209'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

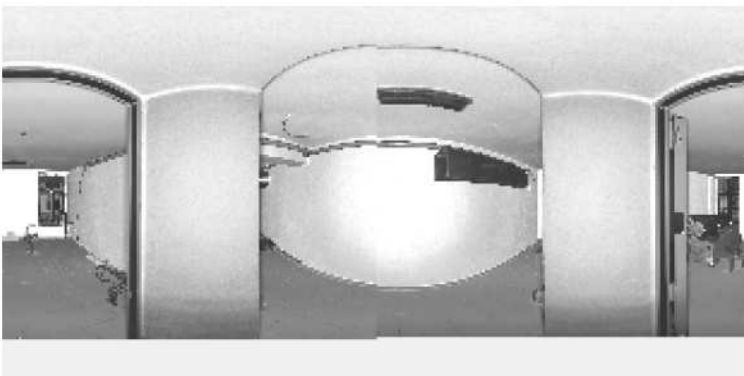
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "209" -scapos "209" -path "Bibikotea Virgi Cataractop 2" -project "Bibikotea Virgi Cataractop 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-f" -panoramaparams test-resolution h-quality default -from "0" -to "101" -interval "20" -to1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002179 bar 92.5731 m  
nav translation: -0.4308 m 0.1611 m 92.4756 m accuracies: 5.3461 m 5.3461 m 0.0003 m  
nav rotation: 0.0000 0.0000 312.1567 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.671 -0.741 0.000 -12.639  
0.741 0.671 0.000 40.633  
0.000 0.000 1.000 103.411  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





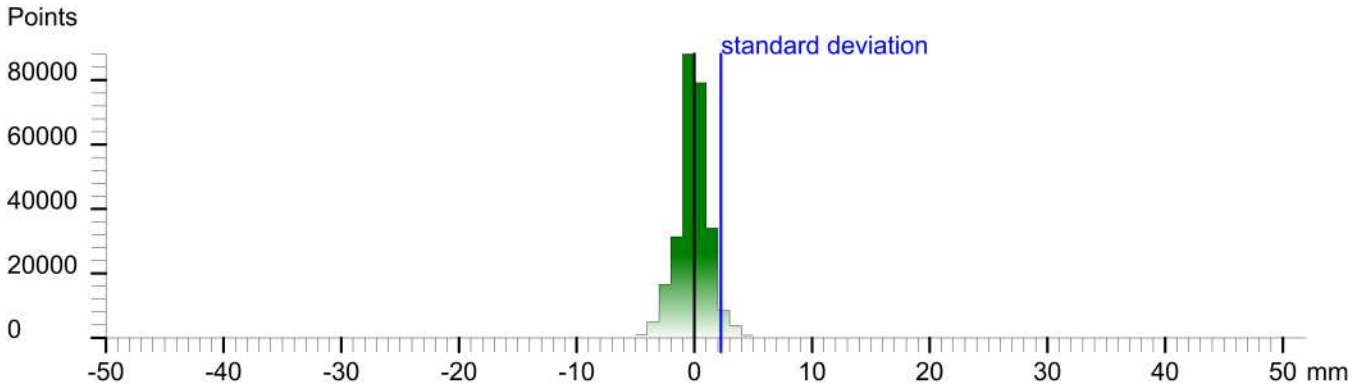
# Scan position '21'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.782908 -0.622133 -0.002574 -31.4249 m
0.622133 0.782911 -0.000977 16.8007 m
0.002623 -0.000836 0.999996 -0.8941 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.3 mm

## Deviation histogram



## Scan '21'

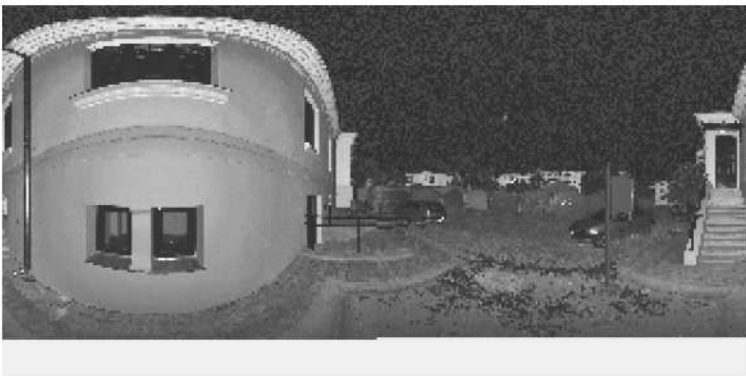
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -ctrl '1,RCSEner 9.0.3' -memorize 1 -file '21' -scaprio '21' -path 'Biblioteka Virgilii Caritasopol 2' -project 'Biblioteka Virgilii Caritasopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h -quality default -ifrom '0' -do '101' -ifrom '20' -Hot1 '340'
```

Sensor  
sensors: 3100 ' barometer translation rotation gps'  
Barometer: 1.013072 bar 1.48184 m  
nav translation: 0.0000 m 0.0000 m 0.0018 m accuracies: 5.1000 m 5.1000 m 0.0001 m  
nav rotation: 0.0000 0.0000 315.0255 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:44.110653 long:24.348728 satellites:3 height:155.0m hdop:4.2 vdop:1.0m hacc:17.0m vacc:0.4 flags:G2 'stand alone 2D solution'  
north:4887581.017 m east:287829.628 m zone:35T  
Initial pre position (3:outdoor)  
0.707 -0.707 0.000 -36.370  
0.707 0.707 0.000 1.551  
0.000 0.000 1.000 10.937  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '210'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

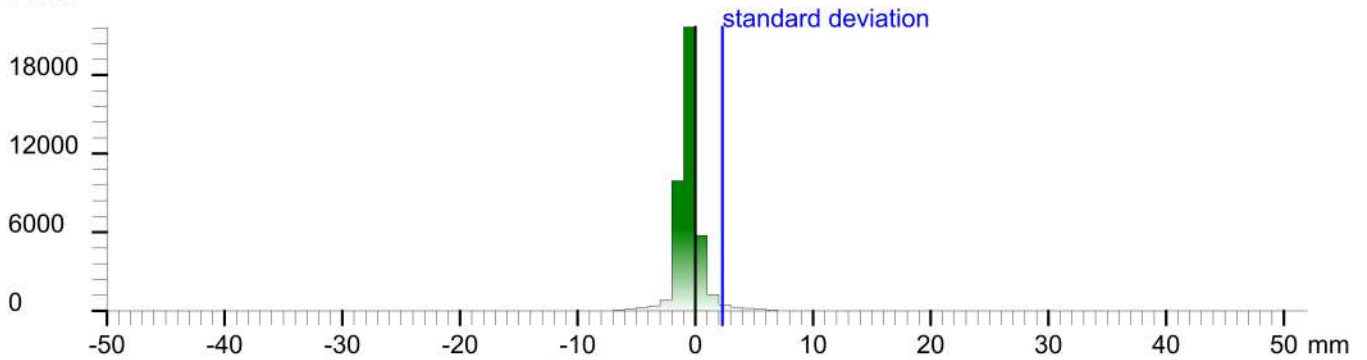
Registration matrix:

```
-0.049823 -0.998754 -0.003102 -25.6386 m
0.998758 -0.049826 0.001104 43.6821 m
-0.001257 -0.003043 0.999995 -1.7038 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.3 mm

## Deviation histogram

Points



## Scan '210'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

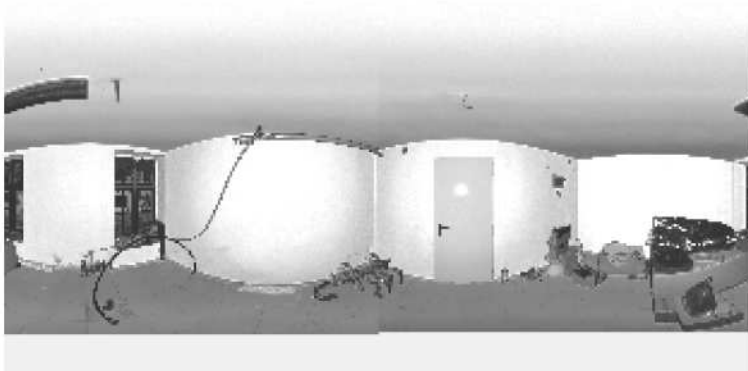
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCSEnser 9.0.3/ -memorize 1 -file "210" -scapos "210" -path "Bibikoteza Virigi Caturapod 2" -project "Bibikoteza Virigi Caturapod 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "f-cam" -panoramaparams test-resolution-h-quality-default -from "0" -to "101" -interval "20" -to1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.002152 bar 92.7994 m  
nav translation: -0.3800 m 1.1815 m 92.7588 m accuracies: 5.7268 m 5.7268 m 0.0002 m  
nav rotation: 0.0000 0.0000 269.7061 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.005 -1.000 0.000 -13.019  
1.000 -0.005 0.000 41.814  
0.000 0.000 1.000 103.694  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '211'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

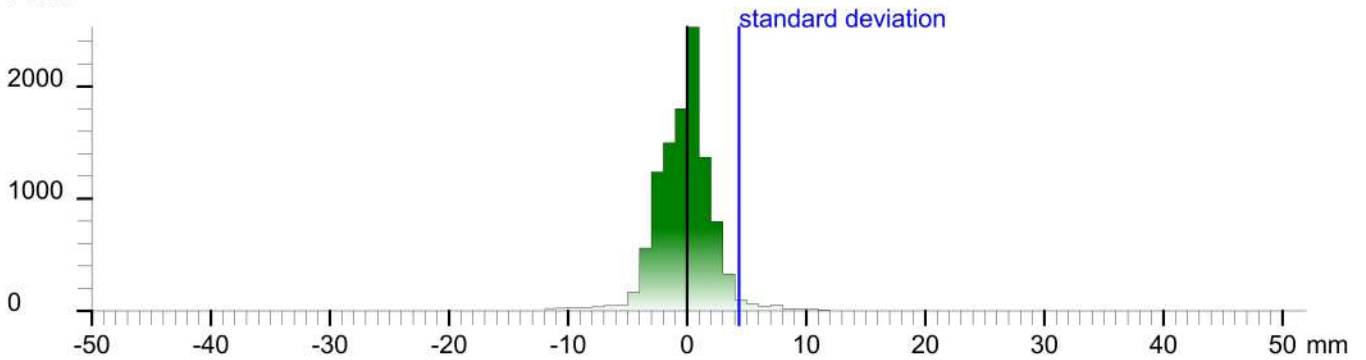
Registration matrix:

```
-0.920534 -0.390650 -0.003407 -26.2324 m
0.390649 -0.920540 0.001028 40.1432 m
-0.003538 -0.000384 0.999994 -1.6798 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.4 mm

## Deviation histogram

Points



## Scan '211'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "211" -scanspos "211" -path "Biblioteca Virgil Caranopol 2" -project "Biblioteca Virgil Caranopol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "zcam" -panoramaparams fast-resolution h-quality default -fboom "0" -fo "101" -fboom "20" -fo1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002157 bar 92.7583 m  
nav translation: -1.3697 m -0.1750 m 92.8932 m accuracies: 5.8022 m 5.8022 m 0.0001 m  
nav rotation: 0.0000 0.0000 206.3120 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.896 -0.443 0.000 -14.389  
0.443 -0.896 0.000 41.639  
0.000 0.000 1.000 103.828  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '212'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

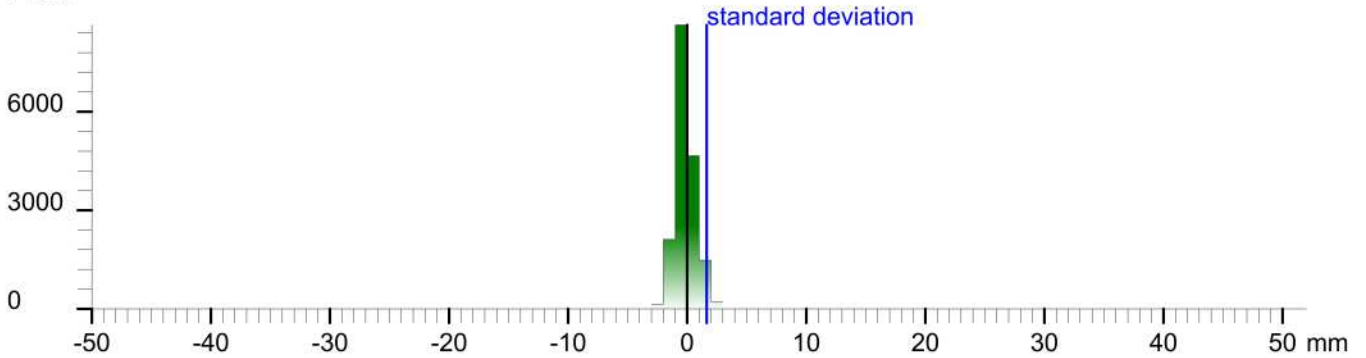
Registration matrix:

```
-0.703275 -0.710903 -0.004766 -28.4156 m
0.710903 -0.703288 0.002011 41.7201 m
-0.004782 -0.001974 0.999987 -1.7041 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan '212'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

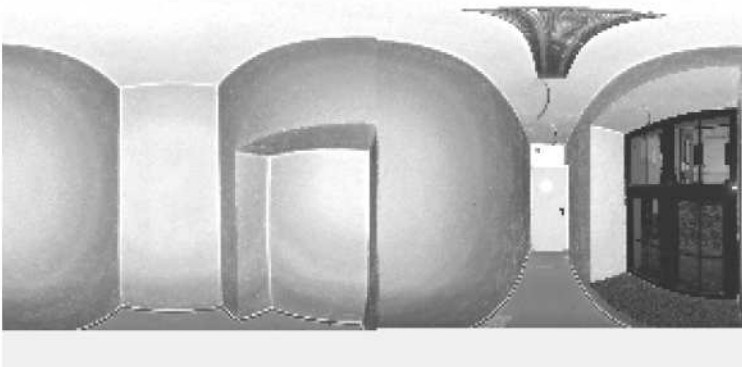
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /home/.../RCServer 9.0.3/ -memorize 1 -file "212" -scaepos "212" -path "Bibikoteza Virgil Caranopol 2" -project "Bibikoteza Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "z-cam" -panoramaparams test-resolution h-quality default -froom "0" -fo "101" -hroom1 "20" -ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.002259 bar 91.9002 m  
nav translation: -2.0296 m 0.1423 m 92.2267 m accuracies: 6.1269 m 6.1269 m 0.0001 m  
nav rotation: 0.0000 0.0000 233.2957 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.598 -0.802 0.000 -16.418  
0.802 -0.598 0.000 41.781  
0.000 0.000 1.000 103.162  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



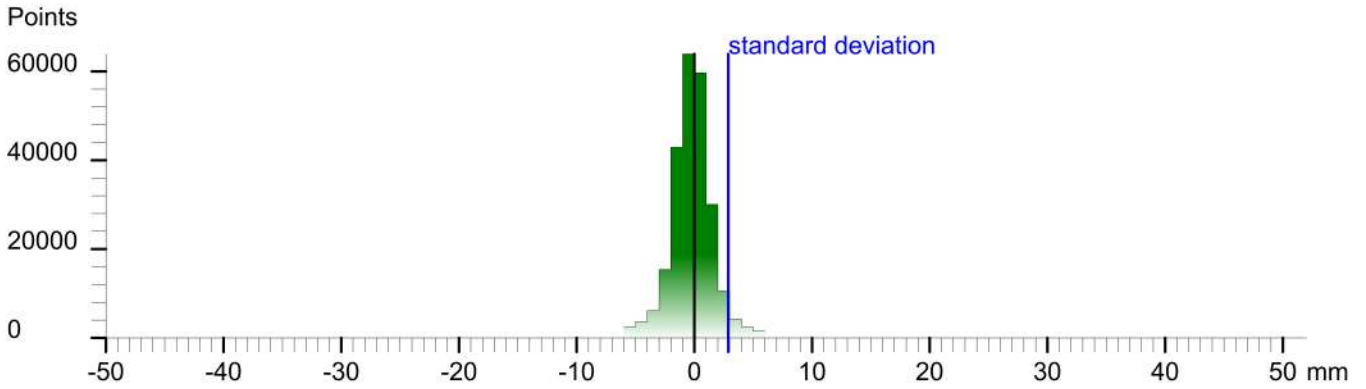
# Scan position '22'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.610589 -0.791948 -0.000798 -35.2925 m
0.791948 -0.610589 -0.000622 19.4963 m
0.000006 -0.001012 1.000000 0.0830 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.9 mm

## Deviation histogram



## Scan '22'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "22" -scans "22" -path "Bibloteca Virgil Caranopol 2" -project "Bibloteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -iform "20" -Ho1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.012936 bar 2.61341 m
nav translation: -4.4968 m 5.5045 m 2.1935 m accuracies: 8.7355 m 8.7355 m 0.0001 m
nav rotation: 0.0000 0.0000 225.2528 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110668 long:24.348772 satellites:5 height:152.5m hdop:1.9 vdop:2.7m hacc:13.0m vacc:12.0 flags:G3 'stand alone 3D solution'
north:4887582.598 m east:287833.194 m zone:35T
Initial pre position (3:outdoor)
-0.704 -0.710 0.000 -44.738
0.710 -0.704 0.000 9.481
0.000 0.000 1.000 13.129
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '23'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

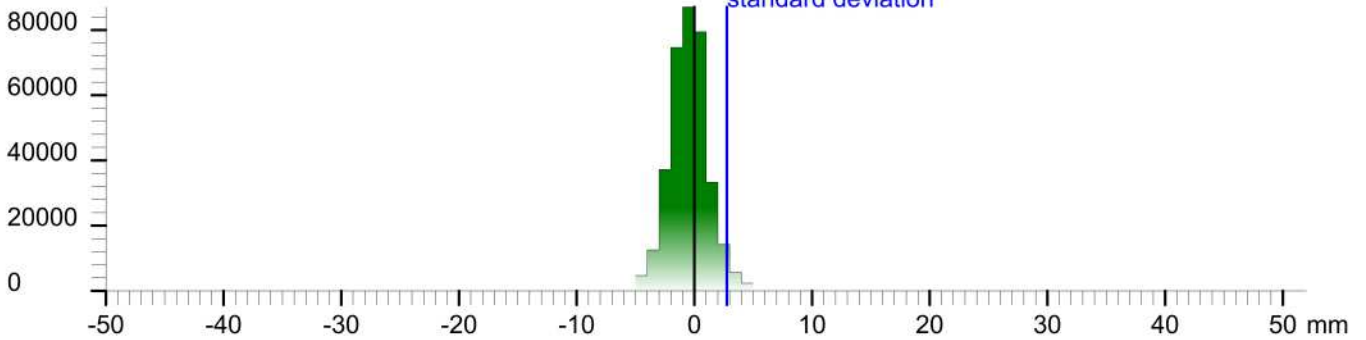
Registration matrix:

```
-0.355254  0.934770 -0.000766 -34.4890 m
-0.934769 -0.355254 -0.000958  10.7047 m
-0.001168  0.000375  0.999999  -1.0742 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 2.8 mm

## Deviation histogram

Points



## Scan '23'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "23" -scorpio "23" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom "20" -Hot "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.013060 bar 1.58109 m
nav translation: -2.8175 m -11.7065 m 1.2520 m accuracies: 11.2241 m 11.2241 m 0.0001 m
nav rotation: 0.0000 0.0000 108.5633 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110619 long:24.348783 satellites:8 height:143.2m hdop:1.0 vdop:1.7m hacc:5.5m vacc:8.6 flags:G3 'stand alone 3D solution'
north:4887577.060 m east:287833.932 m zone:35T
Initial pre position (3:outdoor)
-0.319 0.948 0.000 -44.033
-0.948 -0.319 0.000 4.010
0.000 0.000 1.000 12.187
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



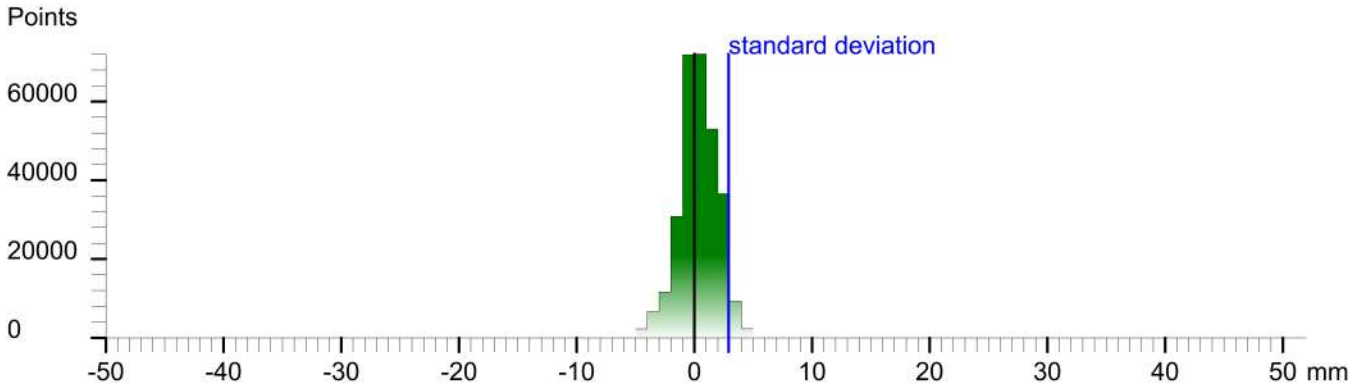
# Scan position '24'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.852079	-0.523409	-0.002358	-35.4600 m
0.523409	0.852082	-0.000335	16.3081 m
0.002184	-0.000948	0.999997	-1.1174 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 2.9 mm

## Deviation histogram



## Scan '24'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "24" -scans "24" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Ho1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.013003 bar 2.05654 m
nav translation: 3.6913 m 2.3092 m 1.7927 m accuracies: 7.3070 m 7.3070 m 0.0001 m
nav rotation: 0.0000 0.0000 338.7560 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110691 long:24.348724 satellites:6 height:156.5m hdop:2.7 vdop:5.3m hacc:12.0m vacc:25.0 flags:G3 'stand alone 3D solution'
north:4887585.264 m east:287829.460 m zone:35T
Initial pre position (3:outdoor)
0.932 -0.362 0.000 -40.342
0.362 0.932 0.000 6.319
0.000 0.000 1.000 12.728
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '25'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

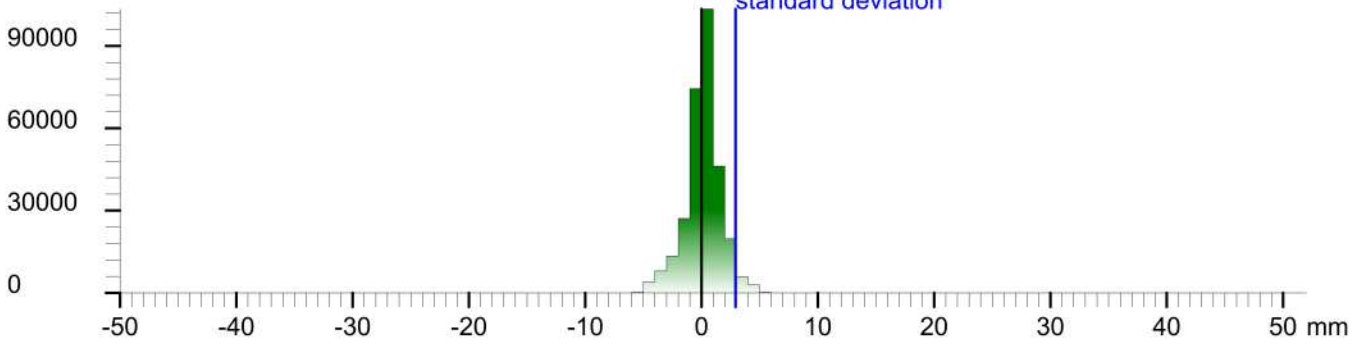
Registration matrix:

```
-0.094383 -0.995533 -0.002519 -40.6612 m
0.995536 -0.094383 -0.000265 17.1712 m
0.000026 -0.002533 0.999997 -1.2791 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.9 mm

## Deviation histogram

Points



## Scan '25'

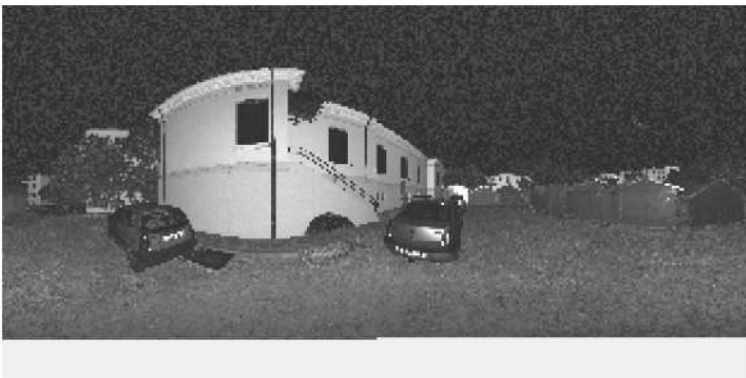
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "25" -scans "25" -path "Biblioteka Virgil Cantarepol 2" -project "Biblioteka Virgil Cantarepol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Ho1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.012956 bar 2.45062 m
nav translation: -1.7362 m 2.2104 m 1.7940 m accuracies: 6.5498 m 6.5498 m 0.0001 m
nav rotation: 0.0000 0.0000 267.2436 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110687 long:24.348721 satellites:6 height:141.3m hdop:2.7 vdop:5.5m hacc:10.0m vacc:21.0 flags:G3 'stand alone 3D solution'
north:4887584.850 m east:287829.141 m zone:35T
Initial pre position (3:outdoor)
-0.048 -0.999 0.000 -42.078
0.999 -0.048 0.000 8.529
0.000 0.000 1.000 12.729
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



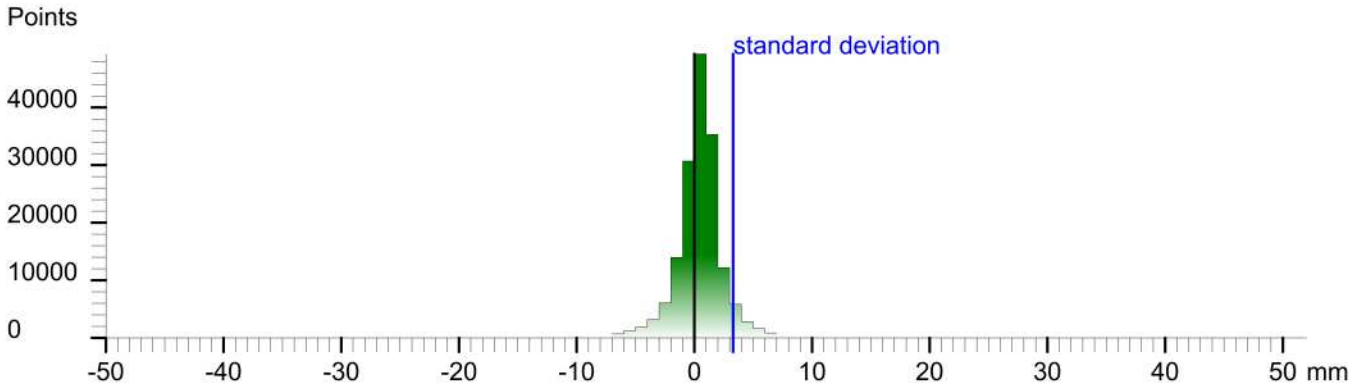
# Scan position '26'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.975283	-0.220960	-0.000752	-47.1925 m
0.220961	0.975283	0.000616	23.4356 m
0.000597	-0.000767	1.000000	-1.6186 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.3 mm

## Deviation histogram



## Scan '26'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "26" -scanspot "26" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Hot1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.012937 bar 2.60349 m
nav translation: 5.9735 m 4.1906 m 2.0746 m accuracies: 8.7908 m 8.7908 m 0.0001 m
nav rotation: 0.0000 0.0000 351.8452 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110729 long:24.348665 satellites:5 height:141.2m hdop:8.1 vdop:2.9m hacc:3.4m vacc:10.0 flags:G3 'stand alone 3D solution'
north:4887589.653 m east:287824.864 m zone:35T
Initial pre position (3:outdoor)
0.990 -0.142 0.000 -36.105
0.142 0.990 0.000 12.720
0.000 0.000 1.000 13.010
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '27'

Scan position is member of group(s):

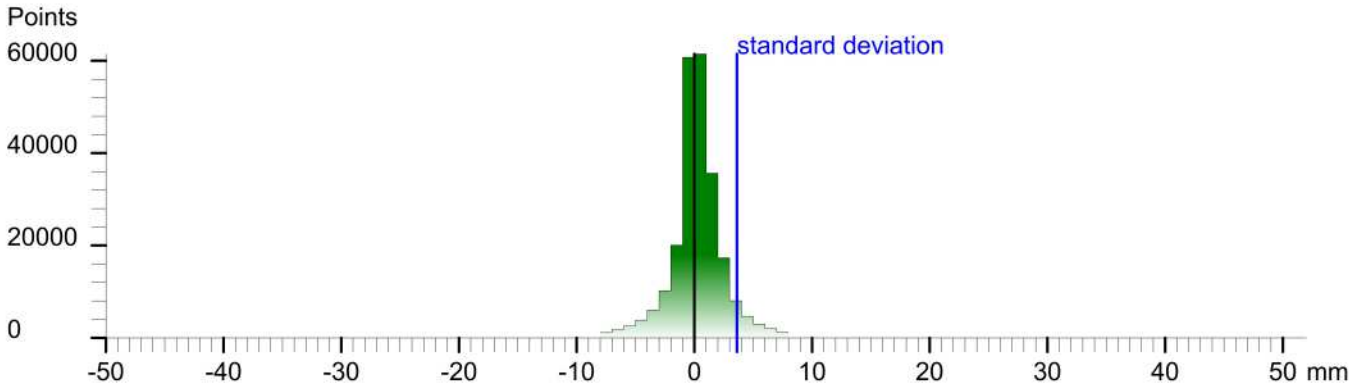
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

0.630598	0.776109	-0.001147	-45.2128 m
-0.776109	0.630599	0.000048	27.3578 m
0.000760	0.000860	0.999999	-1.5888 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram



## Scan '27'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "27" -scans "27" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -iformat "20" -Hot "340"
Sensor
sensors: 3100 * barometer translation rotation gps*
Barometer: 1.012776 bar 3.94268 m
nav translation: 5.4478 m 0.0828 m 3.1122 m accuracies: 7.8578 m 7.8578 m 0.0001 m
nav rotation: 0.0000 0.0000 54.5438 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110737 long:24.348669 satellites:5 height:156.4m hdop:2.4 vdop:3.8m hacc:3.4m vacc:6.9 flags:G3 'stand alone 3D solution'
north:4887590.491 m east:287825.197 m zone:35T
Initial pre position (3:outdoor)
0.580 0.815 0.000 -30.657
-0.815 0.580 0.000 12.803
0.000 0.000 1.000 14.047
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





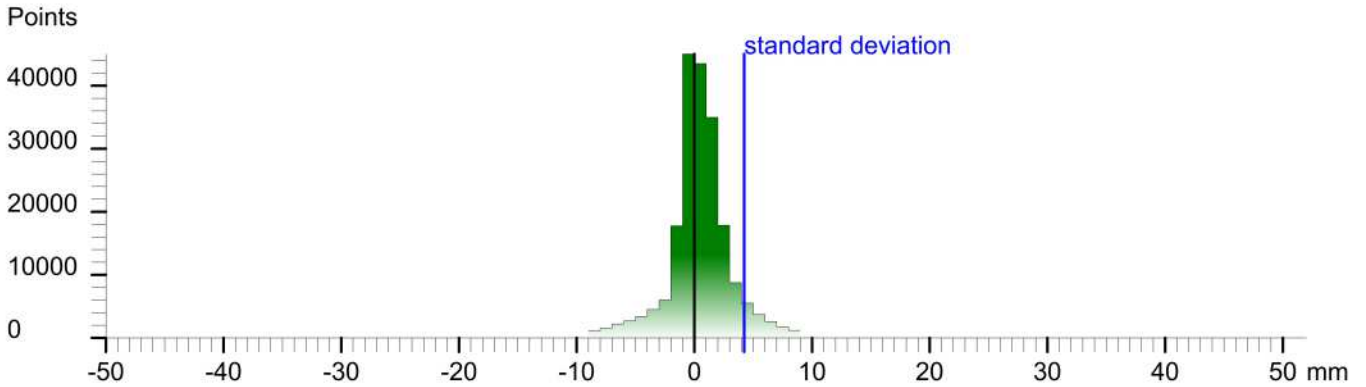
# Scan position '28'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.711185  0.703005  -0.000969  -39.5276 m
-0.703004  0.711185  0.000592  34.1955 m
0.001105  0.000261  0.999999  -1.4944 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:4.2 mm

## Deviation histogram



## Scan '28'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "28" -scans "28" -path "Bibloteca Virgil Caranopol 2" -project "Bibloteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h-quality default -fcom "0" -do "101" -rfcom1 "20" -Ho1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.012682 bar 4.72999 m
nav translation: 8.5735 m -3.0767 m 4.1418 m accuracies: 9.6850 m 9.6850 m 0.0001 m
nav rotation: 0.0000 0.0000 50.2272 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110786 long:24.348803 satellites:5 height:144.7m hdop:2.4 vdop:3.2m hacc:13.0m vacc:15.0 flags:G3 'stand alone 3D solution'
north:4887595.655 m east:287836.059 m zone:35T
Initial pre position (3:outdoor)
0.640 0.769 0.000 -22.084
-0.769 0.640 0.000 9.726
0.000 0.000 1.000 15.077
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '29'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

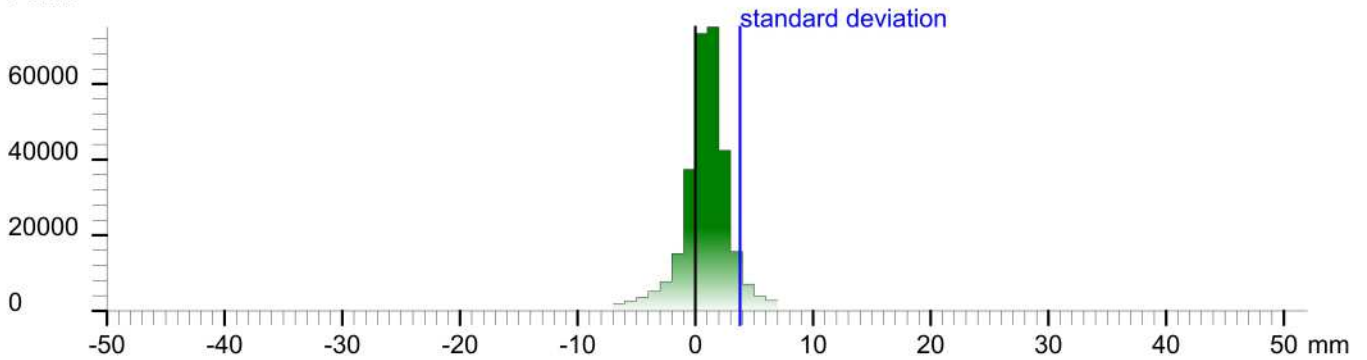
Registration matrix:

```
-0.856111  0.516789  -0.001647  -36.5542 m
-0.516788  -0.856113  -0.000862  33.2250 m
-0.001855  0.000114  0.999998  -1.4050 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:3.8 mm

## Deviation histogram

Points



## Scan '29'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "29" -scanspos "29" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -ifrom "0" -do "101" -ifrom "20" -Hot "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.012619 bar 5.25424 m
nav translation: 1.1937 m -4.4275 m 4.7473 m accuracies: 7.4589 m 7.4589 m 0.0001 m
nav rotation: 0.0000 0.0000 148.4711 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110859 long:24.348787 satellites:3 height:139.5m hdop:12.9 vdop:1.0m hacc:11.4m vacc:20.0 flags:G2 'stand alone 2D solution'
north:4887603.745 m east:287835.098 m zone:35T
Initial pre position (3:outdoor)
-0.852 0.523 0.000 -20.890
-0.523 -0.852 0.000 5.298
0.000 0.000 1.000 15.683
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '3'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

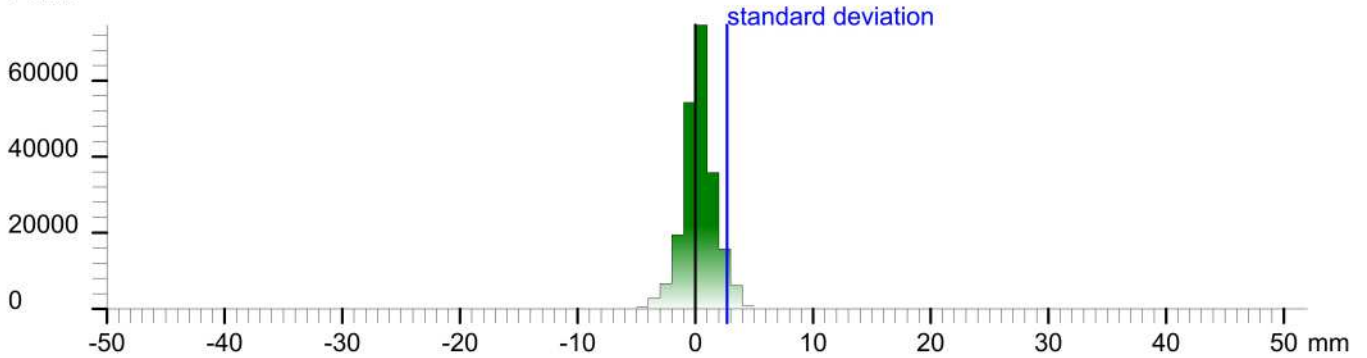
Registration matrix:

```
-0.077765 -0.996971 -0.001351 2.3417 m
0.996972 -0.077766 0.000575 19.4905 m
-0.000678 -0.001302 0.999999 -0.0867 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.7 mm

## Deviation histogram

Points



## Scan '3'

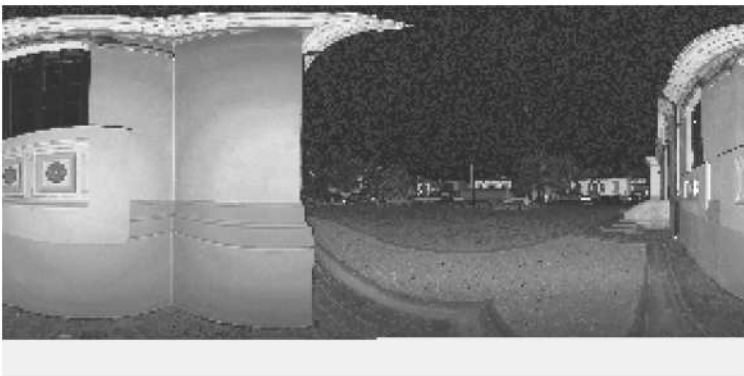
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "Z" -scanpos "Z" -path "Bibloteca Virgil Catalanop2" -project "Bibloteca Virgil Catalanop2" -projectTemplate "" -compensator-nav -temperature "20" -camera "cam" -panoramaparams fast-resolution h -quality default -from "0" -to "101" -from1 "0" -to1 "340"
Sensor
sensors: 3100 * barometer translation rotation gps*
Barometer: 1.014470 bar -10.1474 m
nav translation: 2.3220 m 4.6875 m -10.2901 m accuracies: 7.7676 m 7.7676 m 0.0000 m
nav rotation: 0.0000 0.0000 269.4321 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110634 long:24.349192 satellites:3 height:141.1m hdop:2.8 vdop:1.0m hacc:16.4m vacc:17.0 flags:G2 'stand alone 2D solution'
north:4887577.703 m east:287866.652 m zone:35T
Initial pre position (0:indoor)
-0.010 -1.000 0.000 3.640
1.000 -0.010 0.000 6.647
0.000 0.000 1.000 1.398
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '30'

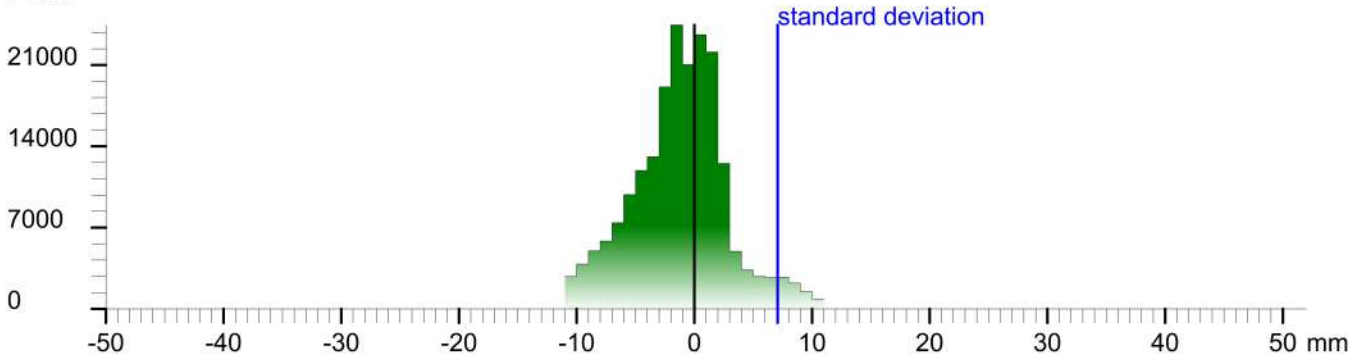
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.651251 0.758862 -0.001282 -29.0607 m  
-0.758861 0.651245 -0.003341 33.8798 m  
-0.001700 0.003149 0.999994 -1.5867 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 7.1 mm

## Deviation histogram

Points



## Scan '30'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -ctrl '1,RCSEner 9.0.3' -memorize 1 -file '30' -scans '30' -path 'Bibloteca Virgil Caranopol 2' -project 'Bibloteca Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1,cam' -panoramaparams fast-resolution h -quality default -fcom '0' -do '101' -efcom '20' -Ho1 '340'
```

Sensor

```
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.012590 bar 5.49353 m  
nav translation: 4.6905 m -3.6534 m 4.8893 m accuracies: 8.0774 m 8.0774 m 0.0000 m  
nav rotation: 0.0000 0.0000 54.7962 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.576 0.817 0.000 -16.199  
-0.817 0.576 0.000 1.645  
0.000 0.000 1.000 15.824  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '31'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

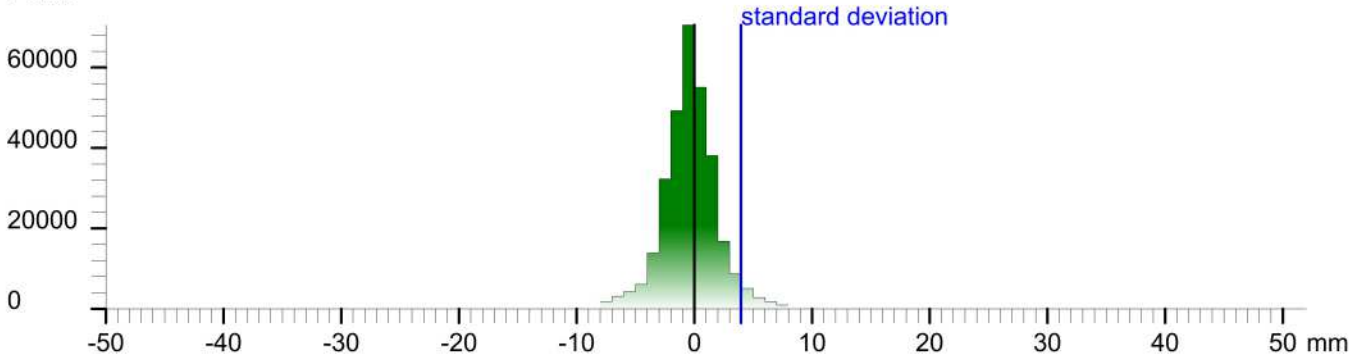
Registration matrix:

```
-0.274774  0.961509 -0.000918 -31.9316 m
-0.961509 -0.274775 -0.000417  41.2997 m
-0.000653  0.000768  1.000000  -1.4574 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation:4.0 mm

## Deviation histogram

Points



## Scan '31'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "31" -scenarios "31" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -ifrom "0" -do "101" -ifrom "20" -Hot "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.012461 bar 6.57291 m
nav translation: 9.7425 m 0.6535 m 5.7647 m accuracies: 10.0481 m 10.0481 m 0.0001 m
nav rotation: 0.0000 0.0000 108.8141 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.111031 long:24.348652 satellites:3 height:148.2m hdop:12.1 vdop:1.0m hacc:10.4m vacc:8.3 flags:G2 'stand alone 2D solution'
north:4887623.161 m east:287824.875 m zone:35T
Initial pre position (0:indoor)
-0.322 0.947 0.000 -6.457
-0.947 -0.322 0.000 2.298
0.000 0.000 1.000 16.700
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '32'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

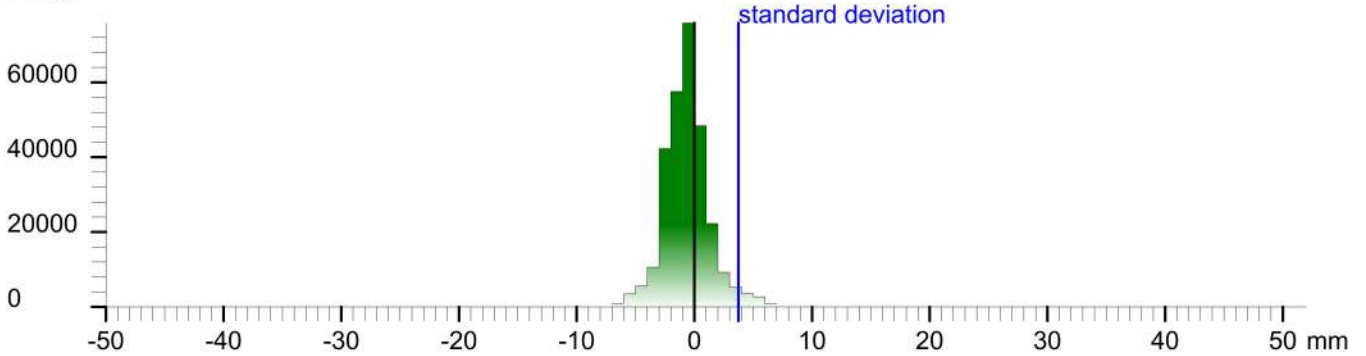
Registration matrix:

```
0.607324 0.794455 -0.000885 -30.7015 m
-0.794455 0.607324 0.000463 43.0914 m
0.000905 0.000421 1.000000 -1.3947 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.7 mm

## Deviation histogram

Points



## Scan '32'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "32" -scanspos "32" -path "Biblioteka Virgil Caranopol Z" -project "Biblioteka Virgil Caranopol Z" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Hot1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.012351 bar 7.48754 m
nav translation: 4.0708 m -2.8976 m 6.8940 m accuracies: 7.6116 m 7.6116 m 0.0001 m
nav rotation: 0.0000 0.0000 58.9942 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.111004 long:24.348768 satellites:3 height:147.2m hdop:11.1 vdop:1.0m hacc:0.8m vacc:7.6 flags:G2 'stand alone 2D solution'
north:4887619.895 m east:287834.090 m zone:35T
Initial pre position (0:indoor)
0.515 0.857 0.000 -2.386
-0.857 0.515 0.000 -0.599
0.000 0.000 1.000 17.829
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '33'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

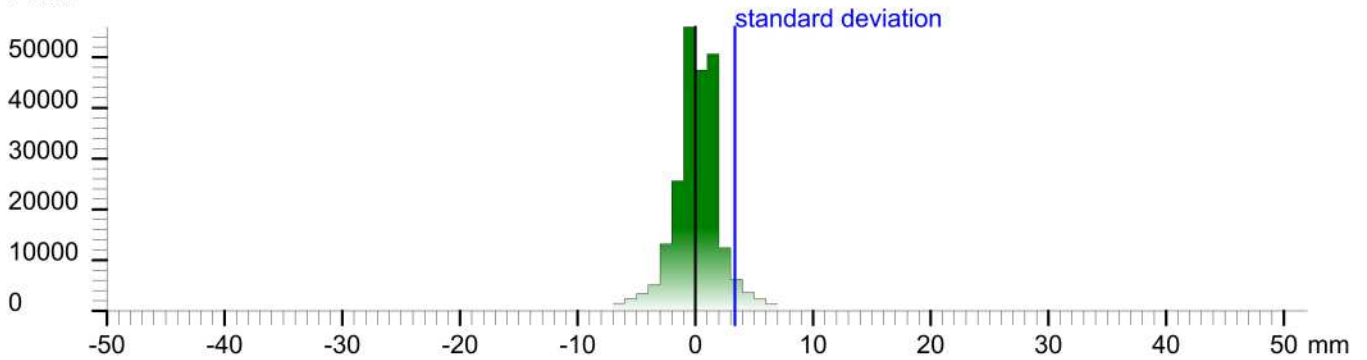
Registration matrix:

0.510043	0.860149	-0.000800	-29.3382 m
-0.860150	0.510043	0.000241	46.0382 m
0.000616	0.000565	1.000000	-1.1352 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.4 mm

## Deviation histogram

Points



## Scan '33'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "33" -scanset "33" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h-quality default -fcom "0" -do "101" -rfcom1 "20" -Hst1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.012265 bar 8.2056 m
nav translation: 9.3242 m -5.1508 m 7.8047 m accuracies: 10.4721 m 10.4721 m 0.0000 m
nav rotation: 0.0000 0.0000 67.4704 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110947 long:24.348864 satellites:3 height:146.9m hdop:9.1 vdop:1.0m hacc:15.8m vacc:12.0 flags:G2 'stand alone 2D solution'
north:4887613.293 m east:287841.518 m zone:35T
Initial pre position (3:outdoor)
0.383 0.924 0.000 6.938
-0.924 0.383 0.000 -5.750
0.000 0.000 1.000 18.740
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '34'

Scan position is member of group(s):

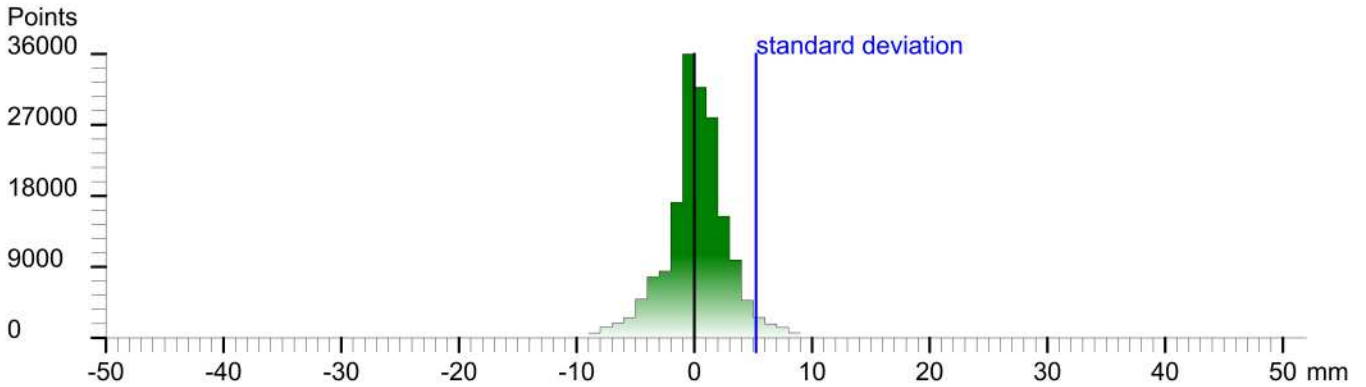
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.257738  0.966215 -0.000948 -25.6797 m
-0.966215 -0.257739 -0.000308  49.1477 m
-0.000541  0.000837  1.000000  -1.0020 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:5.2 mm

## Deviation histogram



## Scan '34'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "34" -scorpio "34" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "%cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -iformat "20" -Hot1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.012160 bar 9.07468 m
nav translation: 2.3915 m 4.7018 m 8.4936 m accuracies: 7.7687 m 7.7687 m 0.0001 m
nav rotation: 0.0000 0.0000 112.9978 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110992 long:24.349028 satellites:3 height:147.1m hdop:3.8 vdop:1.0m hacc:22.8m vacc:14.0 flags:G2 'stand alone 2D solution'
north:4887617.955 m east:287854.808 m zone:35T
Initial pre position (0:indoor)
-0.391 0.921 0.000 9.330
-0.921 -0.391 0.000 -1.048
0.000 0.000 1.000 19.429
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



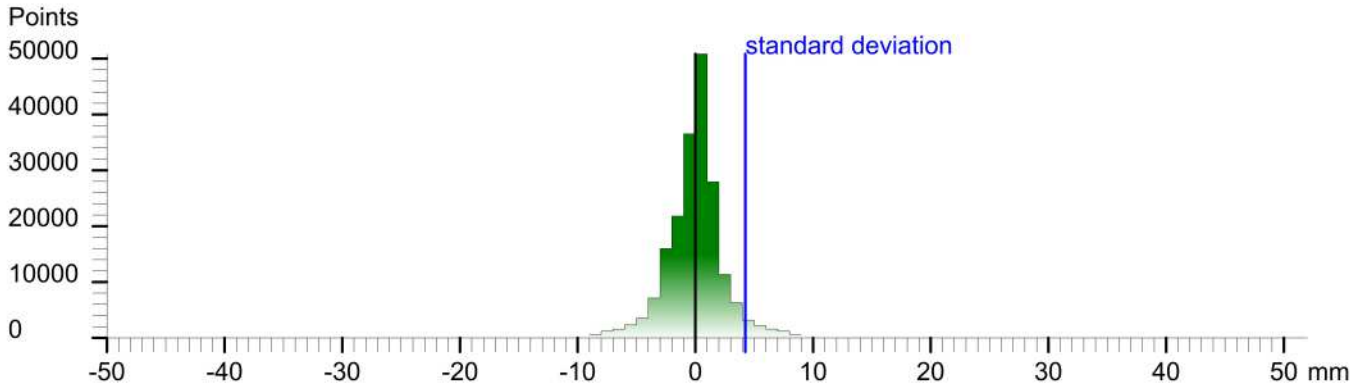
# Scan position '35'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.462146  0.886804  -0.001298  -23.0855 m  
-0.886804  -0.462147  -0.000064  55.0398 m  
-0.000657  0.001121  1.000000   -1.0767 m  
0.000000  0.000000  0.000000    1.0000
```

Result registration cloud to cloud standard deviation:4.2 mm

## Deviation histogram



## Scan '35'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "35" -scanspot "35" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i:cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -iformat "20" -Hot1 "340"  
Sensor  
sensors: 3100 ' barometer translation rotation gps'  
Barometer: 1.012077 bar 9.77298 m  
nav translation: -3.1089 m -3.7252 m 9.0772 m accuracies: 7.5509 m 7.5509 m 0.0000 m  
nav rotation: 0.0000 0.0000 118.8524 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:44.110958 long:24.349001 satellites:4 height:146.7m hdop:3.9 vdop:4.4m hacc:13.0m vacc:16.0 flags:G3 'stand alone 3D solution'  
north:4887614.210 m east:287852.549 m zone:35T  
Initial pre position (3:outdoor)  
-0.483 0.876 0.000 6.221  
-0.876 -0.483 0.000 -4.773  
0.000 0.000 1.000 20.012  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '36'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

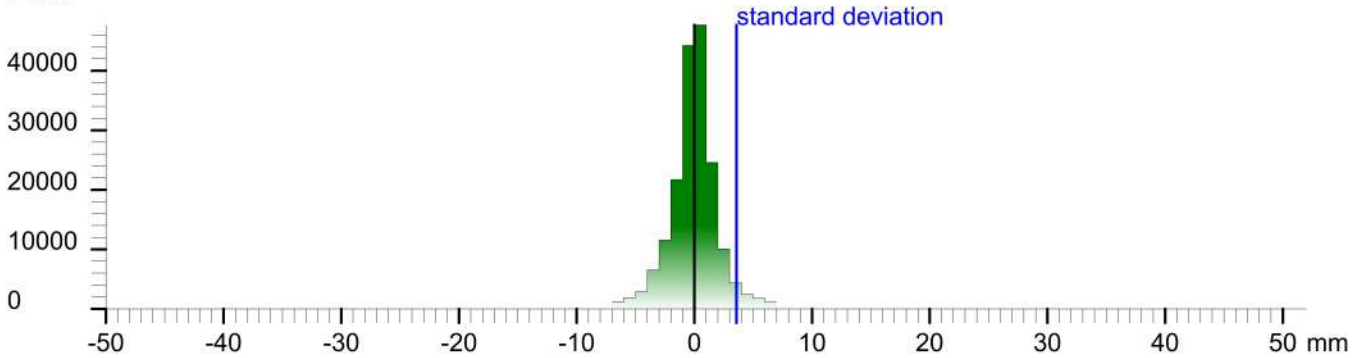
Registration matrix:

```
-0.917282 -0.398237 -0.001465 -3.1332 m
0.398238 -0.917282 -0.000303 -12.2974 m
-0.001223 -0.000862 0.999999 2.0038 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.6 mm

## Deviation histogram

Points



## Scan '36'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "36" -scenarios "36" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -iformat "20" -Hot1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.011630 bar 13.4987 m
nav translation: -17.1056 m -86.6719 m 13.0808 m accuracies: 49.5762 m 49.5762 m 0.0000 m
nav rotation: 0.0000 0.0000 198.3241 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.109863 long:24.348827 satellites:3 height:151.2m hdop:13.2 vdop:1.0m hacc:16.2m vacc:13.0 flags:G2 'stand alone 2D solution'
north:4887493.052 m east:287834.739 m zone:35T
Initial pre position (0:indoor)
-0.949 -0.314 0.000 -10.885
0.314 -0.949 0.000 -91.445
0.000 0.000 1.000 24.016
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '37'

Scan position is member of group(s):

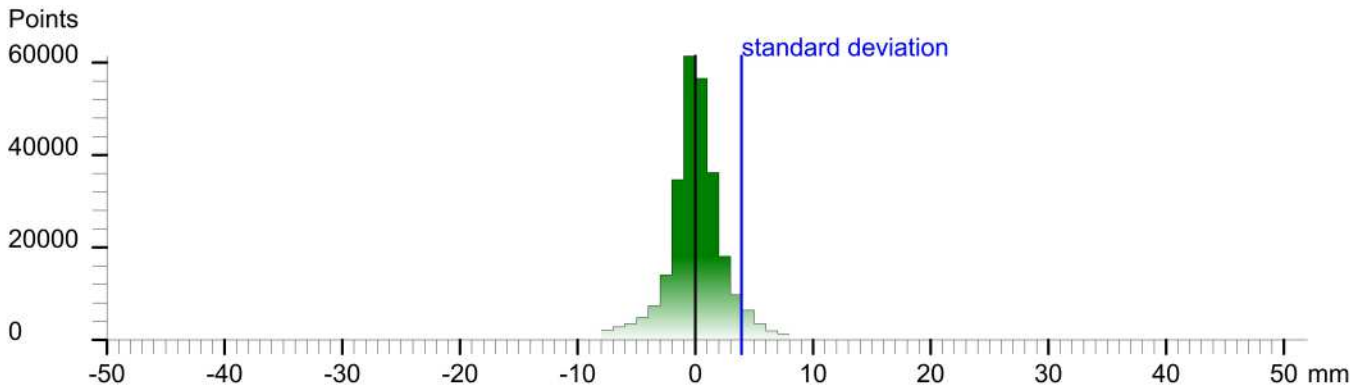
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.033565 -0.999436 -0.000956 7.3976 m
0.999437 -0.033565 0.000010 -4.2253 m
-0.000043 -0.000954 0.999999 0.5993 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.9 mm

## Deviation histogram



## Scan '37'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "37" -scenarios "37" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fest -resolution h -quality default -ifrom "0" -do "101" -ifrom1 "20" -Hot1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.011700 bar 12.9154 m
nav translation: 1.6278 m 13.0896 m 12.2027 m accuracies: 11.8457 m 11.8457 m 0.0001 m
nav rotation: 0.0000 0.0000 272.0947 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110409 long:24.349285 satellites:5 height:144.7m hdop:4.3 vdop:5.1m hacc:14.0m vacc:19.0 flags:G3 'stand alone 3D solution'
north:4887552.463 m east:287873.326 m zone:35T
Initial pre position (3:outdoor)
0.037 -0.999 0.000 -9.257
0.999 0.037 0.000 -78.356
0.000 0.000 1.000 23.138
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '38'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

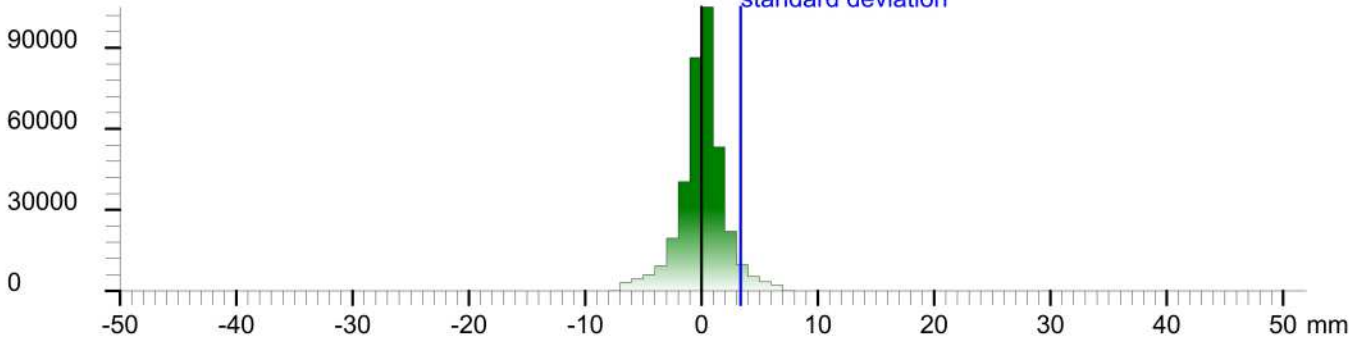
Registration matrix:

```
-0.348946 -0.937142 -0.000852 9.5264 m
0.937143 -0.348947 0.000262 2.9914 m
-0.000544 -0.000706 0.999999 0.6807 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.4 mm

## Deviation histogram

Points



## Scan '38'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

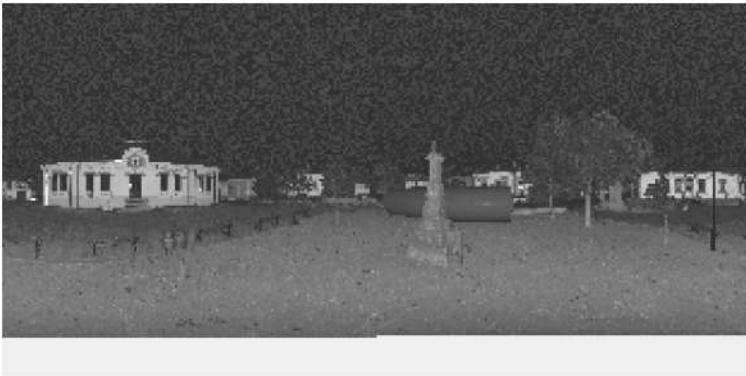
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -ctrl '1,RCSEner 9.0.3' -memorize 1 -file '38' -scans '38' -path 'Biblioteka Virgil Cartesianopol 2' -project 'Biblioteka Virgil Cartesianopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h -quality default -fcom '0' -do '101' -rfcom '20' -Ho1 '340'
```

Sensor  
sensors: 3100 ' barometer translation rotation gps'  
Barometer: 1.011646 bar 13.3646 m  
nav translation: -3.9804 m 8.8904 m 13.1541 m accuracies: 10.0383 m 10.0383 m 0.0000 m  
nav rotation: 0.0000 0.0000 250.1271 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:44.110489 long:24.349306 satellites:6 height:148.1m hdop:2.1 vdop:1.9m hacc:7.9m vacc:8.5 flags:G3 'stand alone 3D solution'  
north:4887561.306 m east:287875.292 m zone:35T  
Initial pre position (3:outdoor)  
-0.340 -0.940 0.000 -13.237  
0.940 -0.340 0.000 -69.465  
0.000 0.000 1.000 24.089  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '39'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

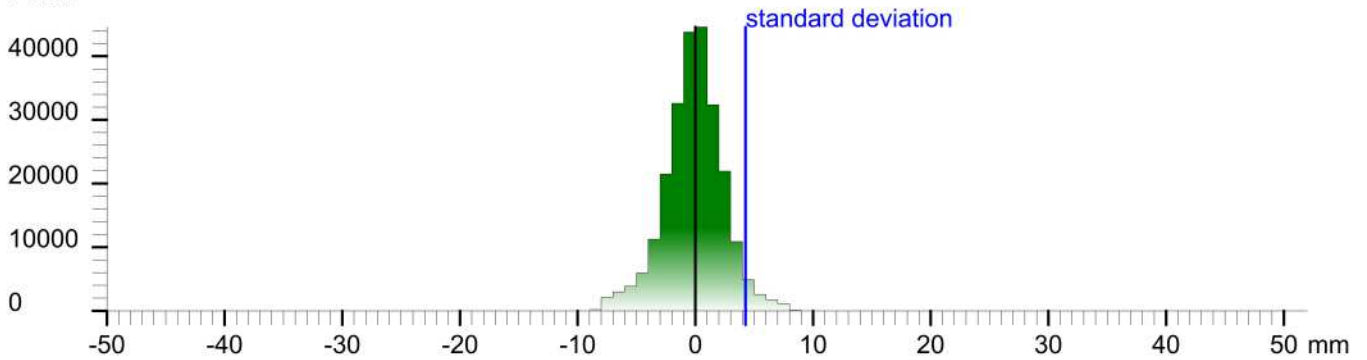
Registration matrix:

```
-0.476054 -0.879415 -0.000856 18.9610 m
0.879416 -0.476055 0.000219 9.4714 m
-0.000601 -0.000648 0.999999 0.5817 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.3 mm

## Deviation histogram

Points



## Scan '39'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "39" -scorpio "39" -path "Biblioteka Virgil Cantareopol 2" -project "Biblioteka Virgil Cantareopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -iform1 "20" -Ho1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.011560 bar 14.082 m
nav translation: 5.1236 m 14.2164 m 13.5897 m accuracies: 12.6606 m 12.6606 m 0.0001 m
nav rotation: 0.0000 0.0000 242.8217 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110546 long:24.349451 satellites:9 height:145.9m hdop:1.1 vdop:1.6m hacc:5.4m vacc:6.9 flags:G3 'stand alone 3D solution'
north:4887567.288 m east:287887.097 m zone:35T
Initial pre position (3:outdoor)
-0.457 -0.890 0.000 9.164
0.890 -0.457 0.000 -5.822
0.000 0.000 1.000 24.525
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '4'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

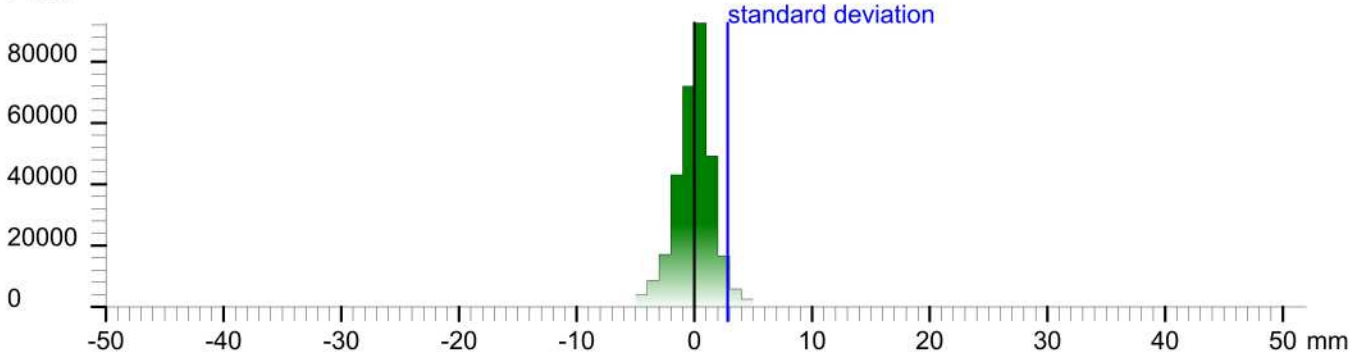
Registration matrix:

```
0.847140 -0.531369 -0.000501 11.9694 m
0.531370 0.847139 0.001341 19.0608 m
-0.000288 -0.001403 0.999999 0.0177 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.8 mm

## Deviation histogram

Points



## Scan '4'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

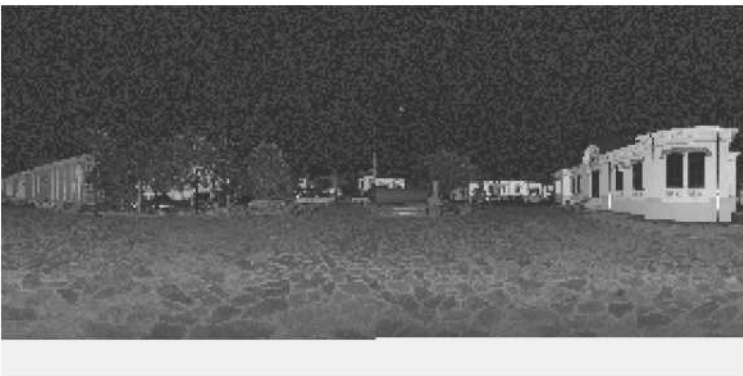
Metadata	Value
comment	
operator	

Scan command: `cd /home/3100/3100 -memorize 1 -file 4 -scans 4 -path "/Biblioteca Virgil Cazanopol 2" -project "Biblioteca Virgil Cazanopol 2" -projectTemplate "" -compensator-nav -temperature 20 -camera 3-cam -panoramaparams fast -resolution h -quality default -from 0 -to 180 -from 0 -to 340`

Sensor

```
sensors: 3100 * barometer translation rotation gps*
Barometer: 1.014440 bar -9.89855 m
nav translation: 1.2301 m 3.6494 m -10.4210 m accuracies: 7.0614 m 7.0614 m 0.0000 m
nav rotation: 0.0000 0.0000 332.7695 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110615 long:24.349348 satellites:5 height:144.3m hdop:2.1 vdop:2.8m hacc:8.9m vacc:8.5 flags:G3 'stand alone 3D solution'
north:4887575.181 m east:287879.100 m zone:35T
Initial pre position (3:outdoor)
0.889 -0.458 0.000 4.870
0.458 0.889 0.000 10.296
0.000 0.000 1.000 1.267
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '40'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

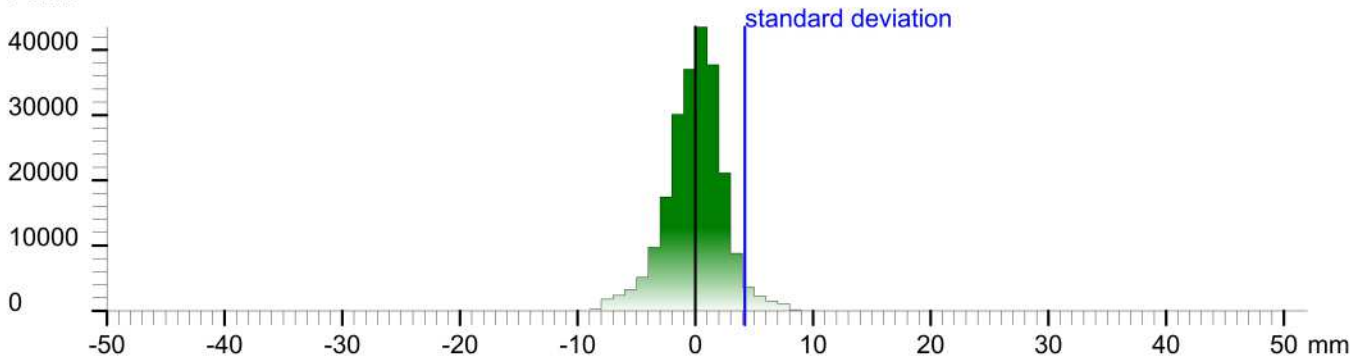
Registration matrix:

```
-0.633294 -0.773911 -0.000651 20.0459 m
0.773912 -0.633295 0.000373 14.0513 m
-0.000701 -0.000267 1.000000 0.6365 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.2 mm

## Deviation histogram

Points



## Scan '40'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "40" -scenarios "40" -path "Biblioteka Virgil Cantareopol 2" -project "Biblioteka Virgil Cantareopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -iform1 "20" -Ho1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.011538 bar 14.2609 m
nav translation: -4.9142 m 4.8921 m 13.8524 m accuracies: 8.6008 m 8.6008 m 0.0000 m
nav rotation: 0.0000 0.0000 231.1191 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110573 long:24.349455 satellites:8 height:146.4m hdop:1.1 vdop:1.9m hacc:4.9m vacc:7.4 flags:G3 'stand alone 3D solution'
north:4887570.244 m east:287887.498 m zone:35T
Initial pre position (3:outdoor)
-0.628 -0.778 0.000 9.581
0.778 -0.628 0.000 -2.833
0.000 0.000 1.000 24.788
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '41'

Scan position is member of group(s):

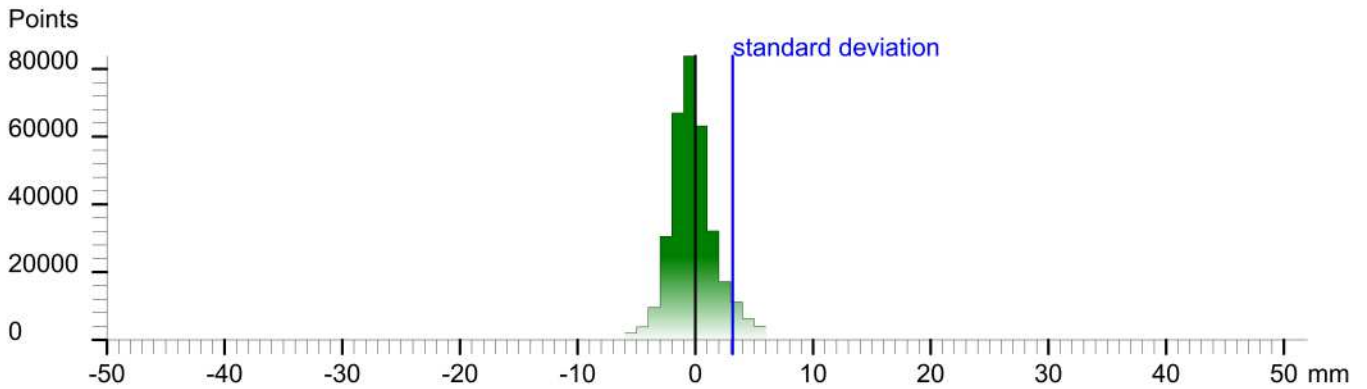
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
0.997221  0.074490 -0.001033 -17.2902 m
-0.074490 0.997223  0.000369  22.0120 m
0.001058 -0.000291  0.999999  -1.1602 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:3.2 mm

## Deviation histogram



## Scan '41'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "41" -scanspos "41" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Hot1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.011685 bar 13.0386 m
nav translation: -1.0137 m 0.3730 m 12.4679 m accuracies: 5.7211 m 5.7211 m 0.0000 m
nav rotation: 0.0000 0.0000 345.9508 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110790 long:24.349001 satellites:3 height:154.8m hdop:11.5 vdop:1.0m hacc:17.0m vacc:7.8 flags:G2 'stand alone 2D solution'
north:4887595.567 m east:287851.948 m zone:35T
Initial pre position (0:indoor)
0.970 -0.243 0.000 8.567
0.243 0.970 0.000 -2.460
0.000 0.000 1.000 23.403
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



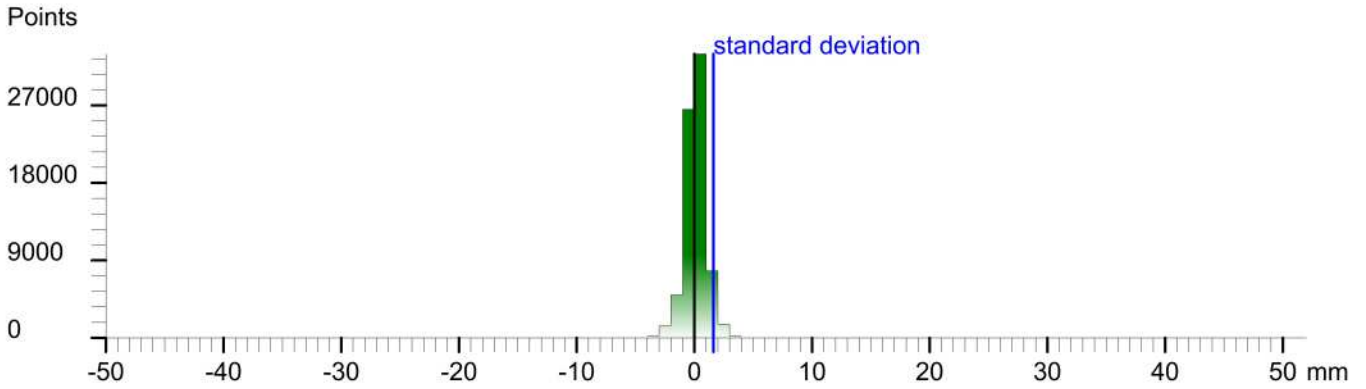
# Scan position '42'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.913260  0.407376 -0.000805 -18.5217 m  
-0.407376 -0.913261 -0.000886  19.4739 m  
-0.001096 -0.000480  0.999999  -1.2991 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram



## Scan '42'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "42" -scans "42" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast -resolution h -quality default -ifrom "0" -to "101" -ifrom "20" -to1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011647 bar 13.3536 m  
nav translation: 1.5844 m 2.9634 m 13.0579 m accuracies: 6.8288 m 6.8288 m 0.0001 m  
nav rotation: 0.0000 0.0000 132.7299 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.679 0.735 0.000 10.151  
-0.735 -0.679 0.000 0.503  
0.000 0.000 1.000 23.993  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



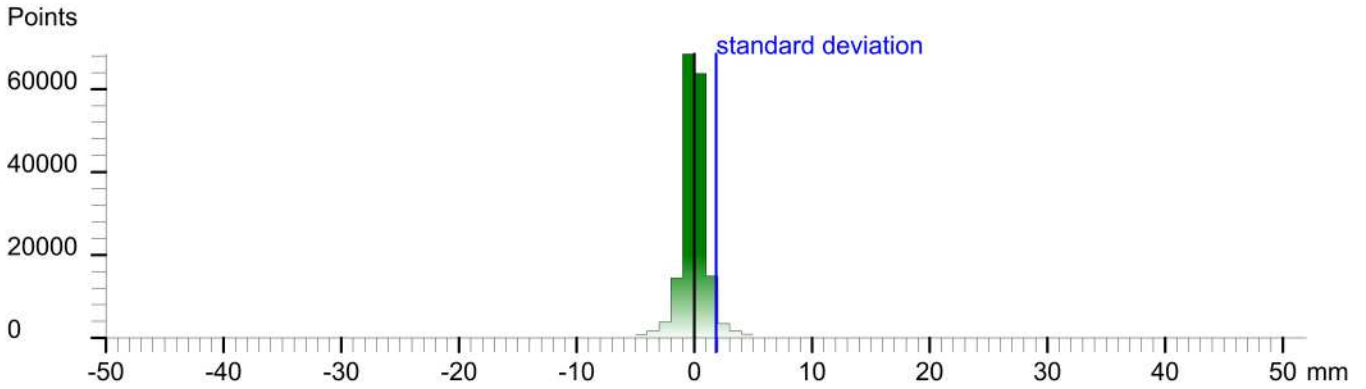
# Scan position '43'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.190157  0.981753  -0.000865  -16.2293 m  
-0.981754  -0.190158  -0.000345  20.1327 m  
-0.000502  0.000784  0.999999  -1.2746 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan '43'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "43" -scenarios "43" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h-quality default -fcom "0" -do "101" -rfcom1 "20" -Ho1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011618 bar 13.5931 m  
nav translation: 1.1013 m -0.7747 m 13.4176 m accuracies: 5.7807 m 5.7807 m 0.0001 m  
nav rotation: 0.0000 0.0000 120.2191 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.503 0.864 0.000 11.253  
-0.864 -0.503 0.000 -0.271  
0.000 0.000 1.000 24.353  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '44'

Scan position is member of group(s):

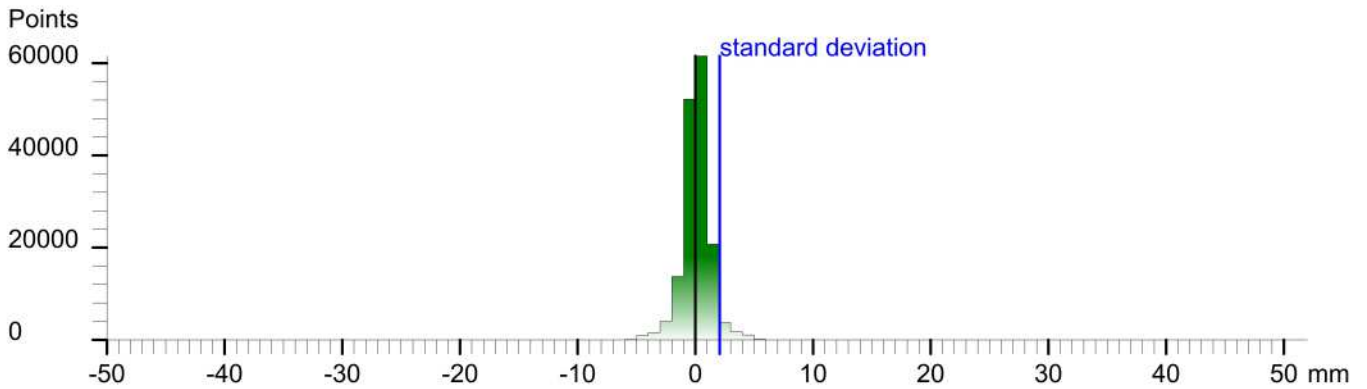
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
0.560859 0.827911 -0.000811 -12.6811 m
-0.827912 0.560860 0.000190 25.0994 m
0.000613 0.000565 1.000000 -1.2757 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.1 mm

## Deviation histogram



## Scan '44'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

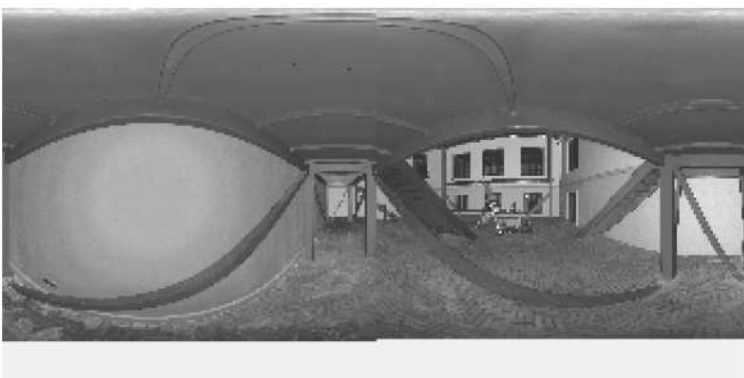
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "44" -scans "44" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast -resolution h -quality default -fcom "0" -do "101" -rfcom "20" -Ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011602 bar 13.7312 m  
nav translation: 0.6796 m -1.8640 m 13.6626 m accuracies: 6.1088 m 6.1088 m 0.0000 m  
nav rotation: 0.0000 0.0000 63.9654 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.439 0.899 0.000 11.932  
-0.899 0.439 0.000 -2.155  
0.000 0.000 1.000 24.598  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '45'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

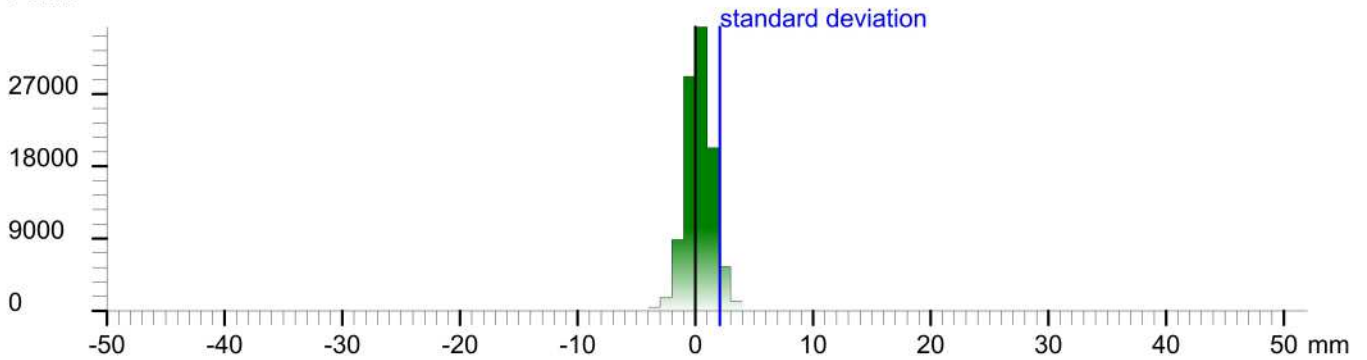
Registration matrix:

```
0.646977 -0.762507 -0.001834 -12.2368 m
0.762510 0.646977 0.000740 27.7974 m
0.000621 -0.001877 0.999998 -1.2962 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.1 mm

## Deviation histogram

Points



## Scan '45'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

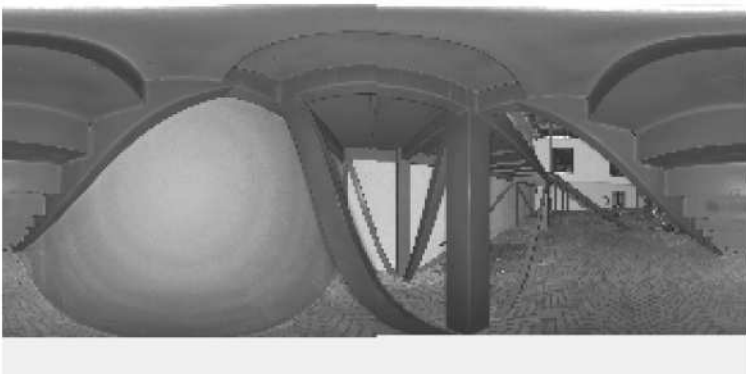
Metadata	Value
comment	
operator	

Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "45" -scansize "40" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast -resolution h -quality default -ifrom "0" -do "101" -ifrom "20" -Ho1 "340"

Sensor

```
sensors: 3096 ' barometer translation rotation'
Barometer: 1.011569 bar 13.9995 m
nav translation: 1.2921 m 0.7119 m 13.5937 m accuracies: 5.8629 m 5.8629 m 0.0001 m
nav rotation: 0.0000 0.0000 7.6819 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.991 0.134 0.000 13.224
-0.134 0.991 0.000 -1.443
0.000 0.000 1.000 24.529
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '46'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

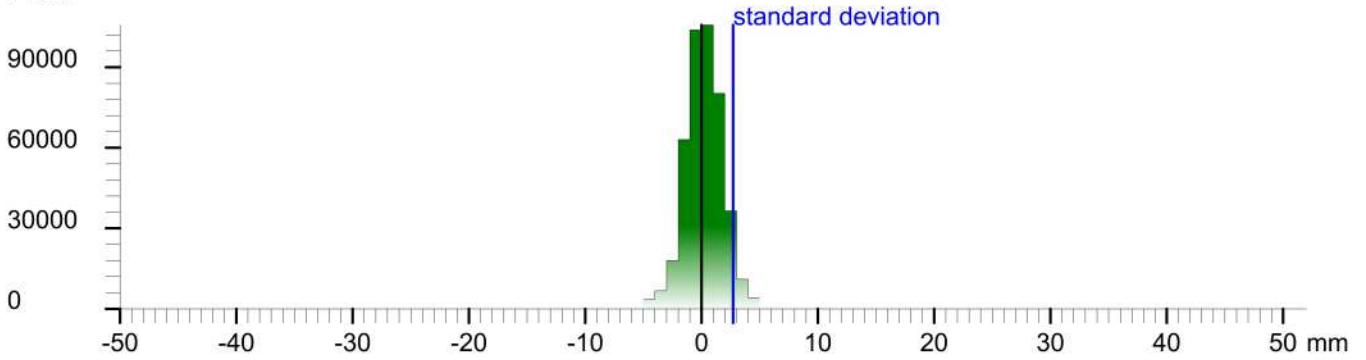
Registration matrix:

```
-0.274668  0.961538  -0.000930  -15.3796 m
-0.961540  -0.274668  0.000051  27.0478 m
-0.000206  0.000908  0.999999  -1.3200 m
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:2.7 mm

## Deviation histogram

Points



## Scan '46'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "46" -scanspot "46" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "zcam" -panoramaparams fast-resolution h-quality default -fcom "0" -do "101" -rfcom1 "20" -Hot1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.011527 bar 14.3533 m
nav translation: -0.8950 m -1.5617 m 13.7626 m accuracies: 6.0266 m 6.0266 m 0.0000 m
nav rotation: 0.0000 0.0000 88.4807 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110683 long:24.348972 satellites:6 height:160.3m hdop:3.0 vdop:9.2m hacc:9.8m vacc:11.0 flags:G3 'stand alone 3D solution'
north:4887583.777 m east:287849.276 m zone:35T
Initial pre position (3:outdoor)
0.027 1.000 0.000 12.329
-1.000 0.027 0.000 -3.005
0.000 0.000 1.000 24.698
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '47'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

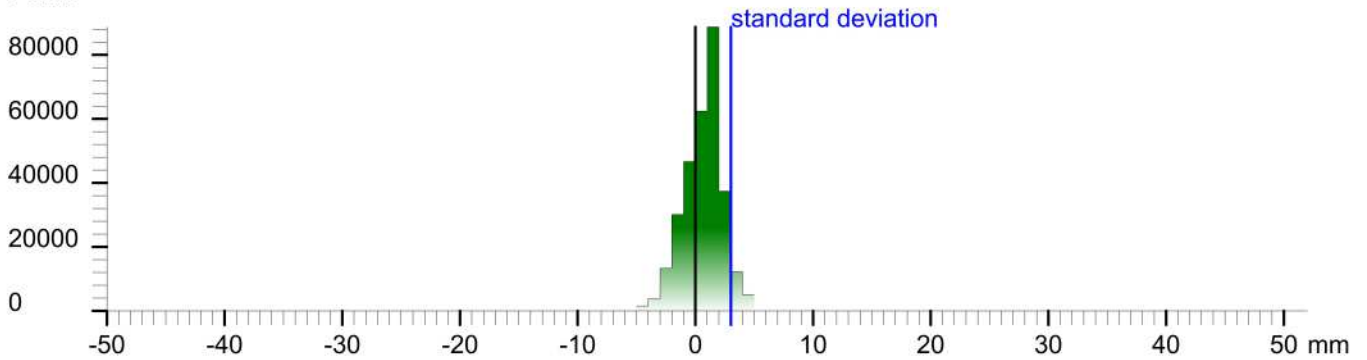
Registration matrix:

```
0.717390 -0.696667 -0.002376 -17.8552 m
0.696672 0.717391 0.001086 31.9243 m
0.000948 -0.002435 0.999996 -1.3217 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.0 mm

## Deviation histogram

Points



## Scan '47'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "47" -scenarios "47" -path "Biblioteka Virgilii Caritasopol 2" -project "Biblioteka Virgilii Caritasopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom 0" -do "101" -rfcom1 "20" -Hot1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.011507 bar 14.5233 m
nav translation: -0.2153 m 3.0207 m 14.1000 m accuracies: 6.6477 m 6.6477 m 0.0001 m
nav rotation: 0.0000 0.0000 9.8161 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110744 long:24.349009 satellites:3 height:155.7m hdop:7.0 vdop:1.0m hacc:3.4m vacc:6.7 flags:G2 'stand alone 2D solution'
north:4887590.463 m east:287852.394 m zone:35T
Initial pre position (3:outdoor)
0.985 0.170 0.000 12.114
-0.170 0.985 0.000 0.016
0.000 0.000 1.000 25.035
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '48'

Scan position is member of group(s):

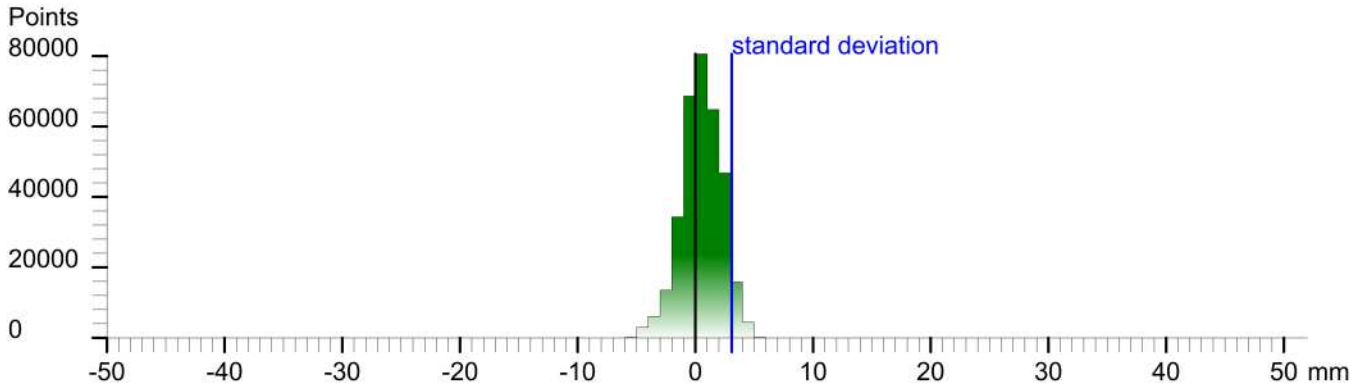
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.321511 -0.946902 -0.002761 -20.9941 m
0.946906 -0.321513 0.000177 29.5623 m
-0.001056 -0.002557 0.999996 -1.3289 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.1 mm

## Deviation histogram



## Scan '48'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "48" -scanspot "48" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -iform1 "20" -Ho1 "340"
Sensor
sensors: 3100 * barometer translation rotation gps*
Barometer: 1.011481 bar 14.7369 m
nav translation: 1.1274 m 2.8238 m 14.3114 m accuracies: 6.6289 m 6.6289 m 0.0001 m
nav rotation: 0.0000 0.0000 246.1391 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110958 long:24.348848 satellites:3 height:159.3m hdop:8.0 vdop:1.0m hacc:23.4m vacc:1.4 flags:G2 'stand alone 2D solution'
north:4887614.604 m east:287840.337 m zone:35T
Initial pre position (3:outdoor)
-0.405 -0.915 0.000 13.241
0.915 -0.405 0.000 2.839
0.000 0.000 1.000 25.247
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '49'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

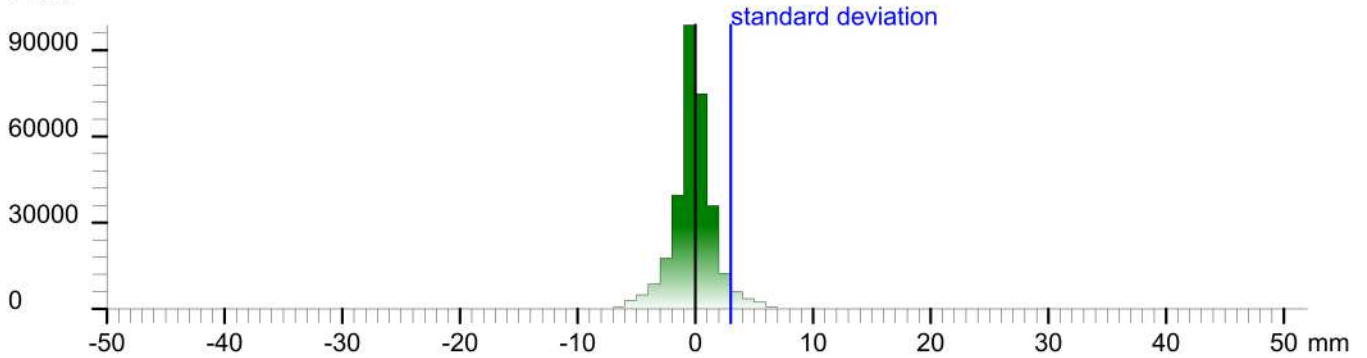
Registration matrix:

```
-0.986866  0.161531 -0.001688 -9.9589 m  
-0.161530 -0.986868 -0.000708 19.9061 m  
-0.001779 -0.000426 0.999998  1.1753 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:3.0 mm

## Deviation histogram

Points



## Scan '49'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "49" -scenarios "49" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -ifrom "0" -do "101" -ifrom "20" -Ho1 "340"

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011173 bar 17.3073 m  
nav translation: -13.5886 m -24.3343 m 17.0615 m accuracies: 19.0896 m 19.0896 m 0.0001 m  
nav rotation: 0.0000 0.0000 173.2321 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.993 0.118 0.000 -0.347  
-0.118 -0.993 0.000 -21.495  
0.000 0.000 1.000 27.997  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '5'

Scan position is member of group(s):

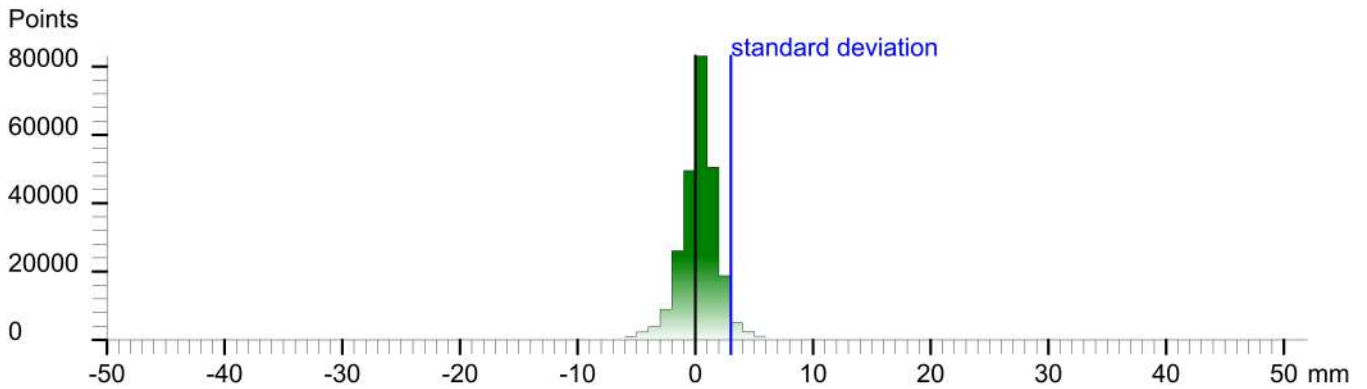
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
0.572011 -0.820246 -0.000664 13.7878 m
0.820246 0.572010 0.001241 26.4062 m
-0.000638 -0.001255 0.999999 -0.0421 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.0 mm

## Deviation histogram



## Scan '5'

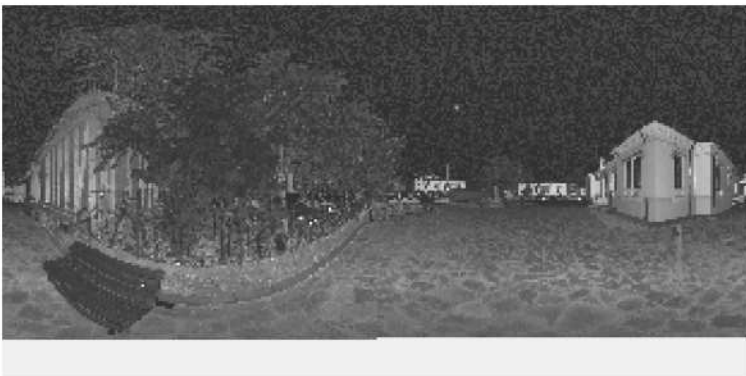
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 9.0.3" -memorize 1 -file "1" -scans "1" -path "Biblioteca Virgil Catalanop 2" -project "Biblioteca Virgil Catalanop 2" -projectTemplate "" -compensator-raw -temperature "20" -camera "z-cam" -panoramaparams fast -resolution h -quality default -from "0" -to "101" -from1 "0" -to1 "340"
Sensor
sensors: 3100 * barometer translation rotation gps*
Barometer: 1.014358 bar -9.2164 m
nav translation: 2.7116 m 2.6052 m -9.6683 m accuracies: 7.0069 m 7.0069 m 0.0001 m
nav rotation: 0.0000 0.0000 309.1970 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110699 long:24.349403 satellites:6 height:147.1m hdop:1.1 vdop:1.4m hacc:6.2m vacc:7.6 flags:G3 'stand alone 3D solution'
north:4887584.360 m east:287883.827 m zone:35T
Initial pre position (3:outdoor)
0.632 -0.775 0.000 5.870
0.775 0.632 0.000 11.296
0.000 0.000 1.000 1.267
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '50'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

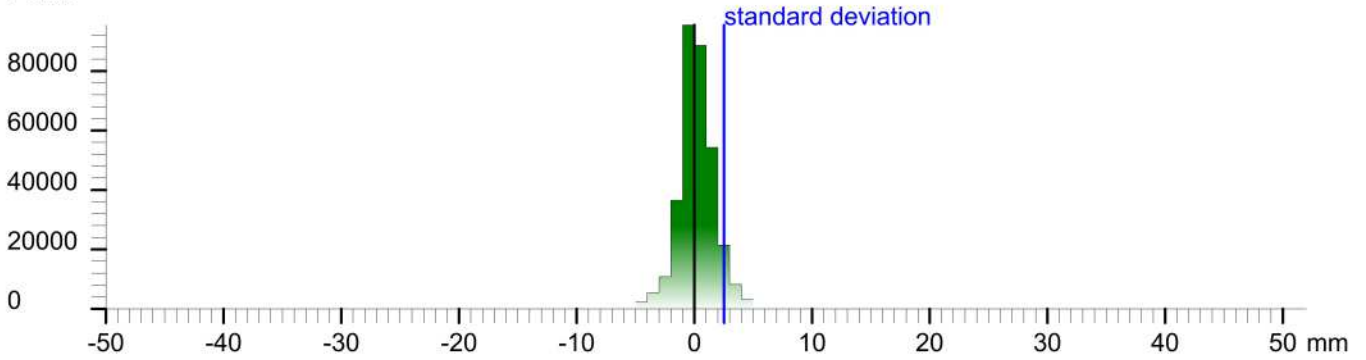
Registration matrix:

```
-0.202034 -0.979375 -0.002377 -7.6353 m
0.979379 -0.202035 0.000393 25.5707 m
-0.000866 -0.002248 0.999997 1.1744 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.5 mm

## Deviation histogram

Points



## Scan '50'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -ctrl 'Z+F IMAGER 5016' -memorize 1 -file '50' -scenarios '50' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate '' -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h -quality default -ifrom '0' -do '101' -ifrom1 '20' -Ho1 '340'
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011195 bar 17.1244 m  
nav translation: 3.7292 m -0.1086 m 16.8593 m accuracies: 6.9793 m 6.9793 m 0.0001 m  
nav rotation: 0.0000 0.0000 264.8601 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.090 -0.996 0.000 3.382  
0.996 -0.090 0.000 -21.603  
0.000 0.000 1.000 27.794  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '51'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

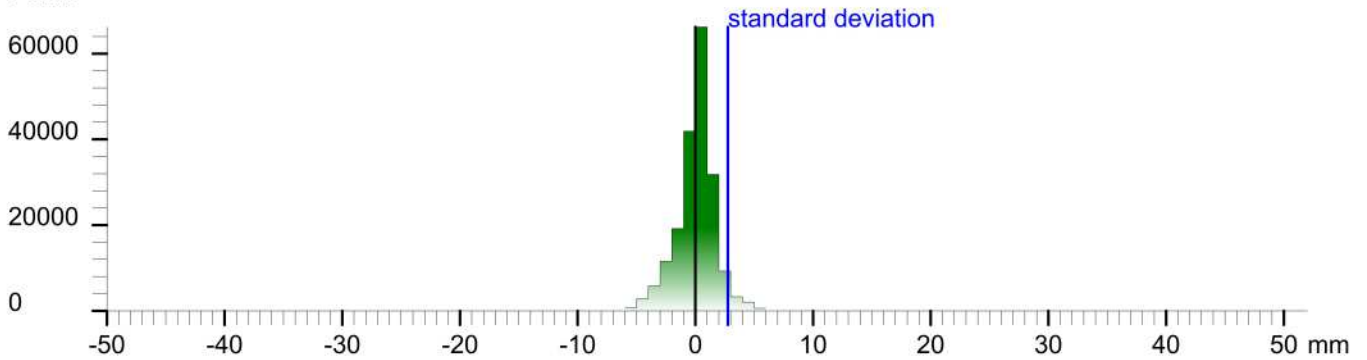
Registration matrix:

```
-0.781133 -0.624356 -0.003019 -17.2903 m
0.624362 -0.781136 -0.000537 16.3339 m
-0.002023 -0.002304 0.999995 1.1690 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.8 mm

## Deviation histogram

Points



## Scan '51'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

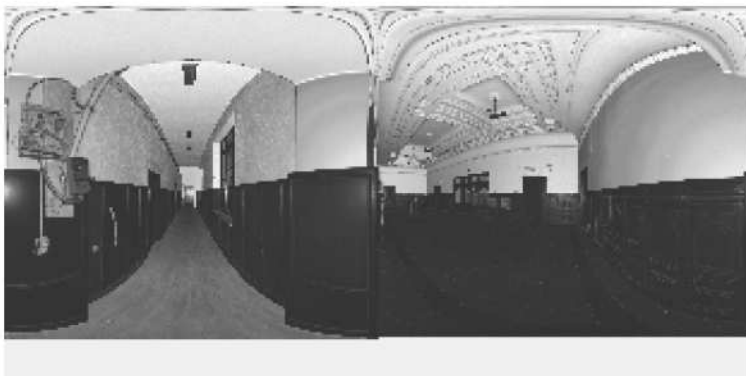
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "51" -scanspos "51" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h-quality default -fcom "0" -do "101" -rtcom "20" -Ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011165 bar 17.3699 m  
nav translation: -5.0404 m -5.4963 m 17.0150 m accuracies: 9.2079 m 9.2079 m 0.0001 m  
nav rotation: 0.0000 0.0000 211.9465 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.849 -0.529 0.000 -2.658  
0.529 -0.849 0.000 -27.100  
0.000 0.000 1.000 27.950  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '52'

Scan position is member of group(s):

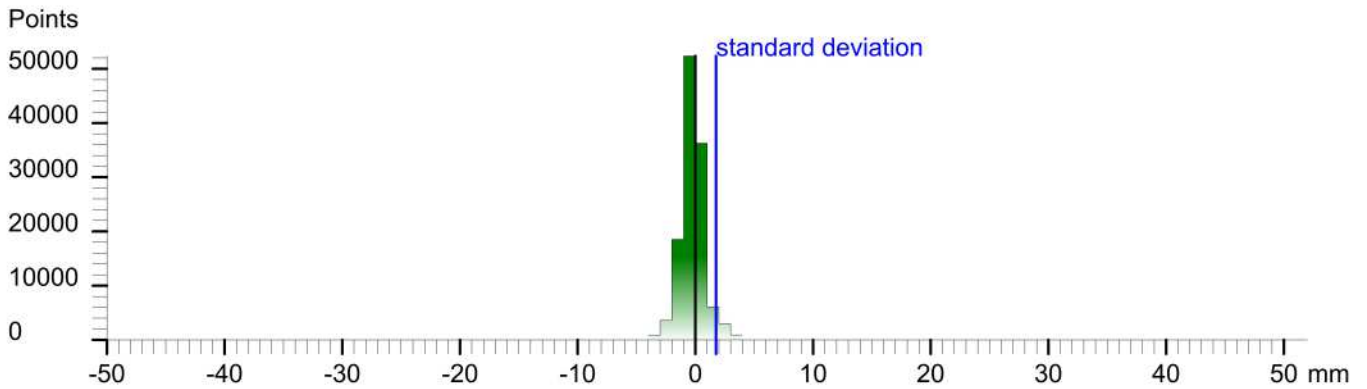
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
-0.616660 -0.787222 -0.003266 -22.0761 m  
0.787229 -0.616662 -0.000569 19.7399 m  
-0.001566 -0.002921 0.999994 1.1569 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan '52'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

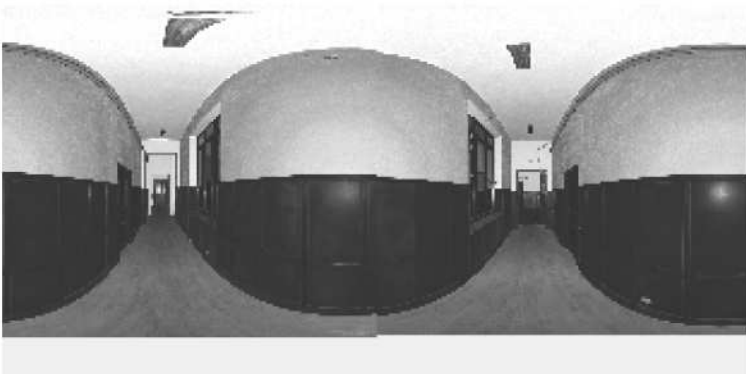
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "52" -scenarios "52" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -efcom! "20" -Ho1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011207 bar 17.02 m  
nav translation: -5.0598 m -1.7342 m 16.6856 m accuracies: 7.7788 m 7.7788 m 0.0001 m  
nav rotation: 0.0000 0.0000 229.6479 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.647 -0.762 0.000 -7.718  
0.762 -0.647 0.000 -28.834  
0.000 0.000 1.000 27.621  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



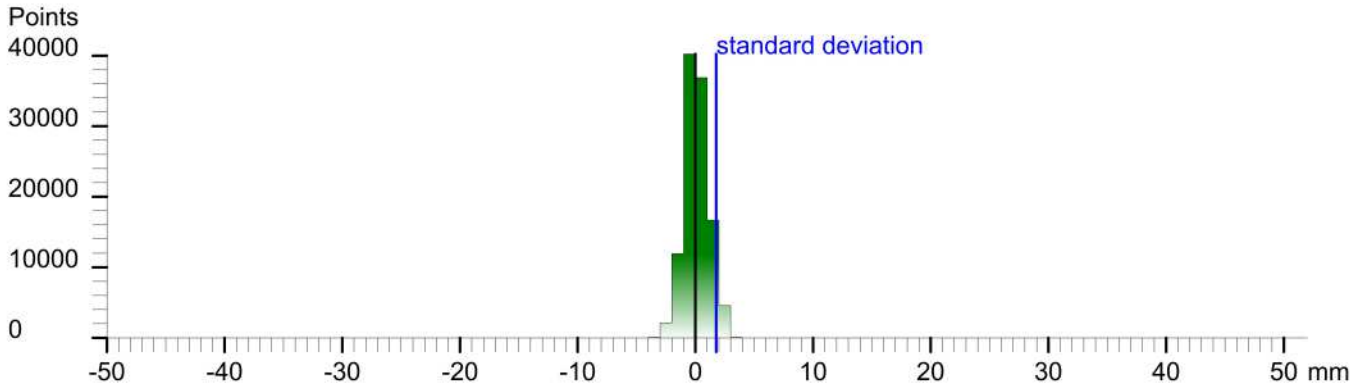
# Scan position '53'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

-0.588904	-0.808195	-0.003566	-26.3287 m
0.808202	-0.588907	-0.000322	23.0835 m
-0.001841	-0.003070	0.999993	1.1511 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram



## Scan '53'

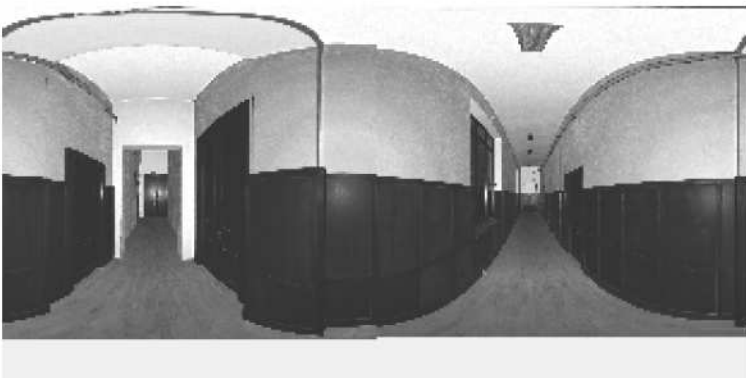
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -ctrl '1,RCSEner 9.0.3' -memorize 1 -file '53' -scans '53' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1,cam' -panoramaparams fast-resolution h -quality default -fcom '0' -do '101' -efcom1 '20' -Ho1 '340'
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011239 bar 16.7586 m  
nav translation: -1.4571 m 0.7411 m 16.3665 m accuracies: 5.9232 m 5.9232 m 0.0001 m  
nav rotation: 0.0000 0.0000 233.9484 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.589 -0.808 0.000 -9.175  
0.808 -0.589 0.000 -28.093  
0.000 0.000 1.000 27.302  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '54'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

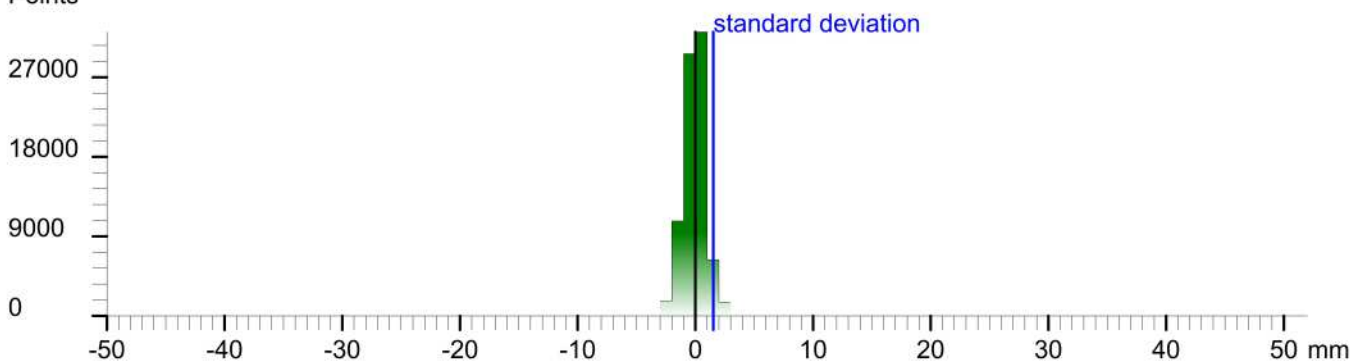
Registration matrix:

```
-0.512045 -0.858948 -0.004080 -30.5502 m
0.858957 -0.512049 -0.000068 26.3831 m
-0.002031 -0.003538 0.999992 1.1294 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram

Points



## Scan '54'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "54" -scans "54" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "%cam%" -panoramaparams fast-resolution h -quality default -ifrom "0" -to "101" -ifrom1 "20" -to1 "340"
Sensor
sensors: 3096 "barometer translation rotation"
Barometer: 1.011217 bar 16.9355 m
nav translation: -3.6836 m 0.3803 m 16.3932 m accuracies: 6.9580 m 6.9580 m 0.0001 m
nav rotation: 0.0000 0.0000 241.8784 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.471 -0.882 0.000 -12.859
0.882 -0.471 0.000 -27.713
0.000 0.000 1.000 27.328
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '55'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

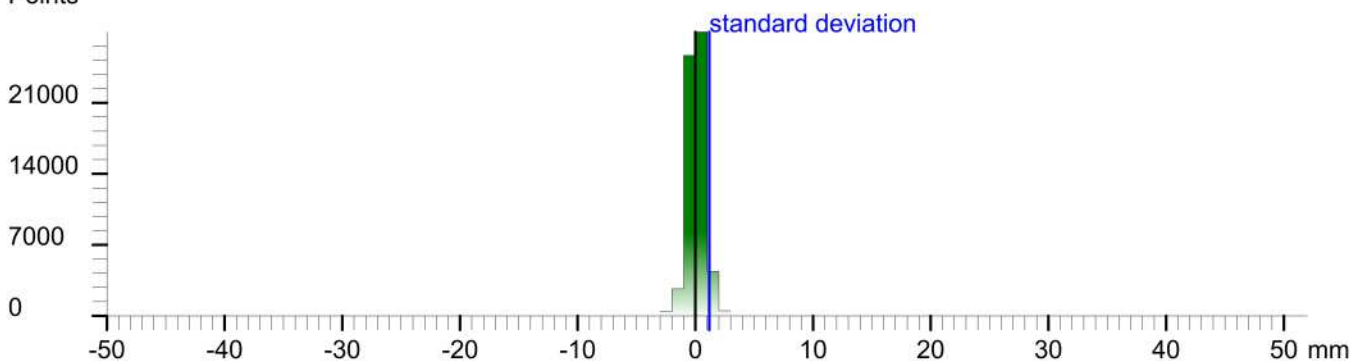
Registration matrix:

```
-0.930702  0.365767 -0.002675 -27.1004 m  
-0.365768 -0.930707 -0.000042  24.7838 m  
-0.002504  0.000940  0.999996   1.1552 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan '55'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -ctrl 'Z+F IMAGER 9.0.3' -memorize 1 -file '55' -scans '55' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h -quality default -fcom '0' -do '101' -iform1 '20' -Ho1 '340'  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011210 bar 17.0001 m  
nav translation: 0.6207 m 2.4794 m 16.5287 m accuracies: 6.3886 m 6.3886 m 0.0001 m  
nav rotation: 0.0000 0.0000 153.8058 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.897 0.441 0.000 -12.238  
-0.441 -0.897 0.000 -25.233  
0.000 0.000 1.000 27.464  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '56'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

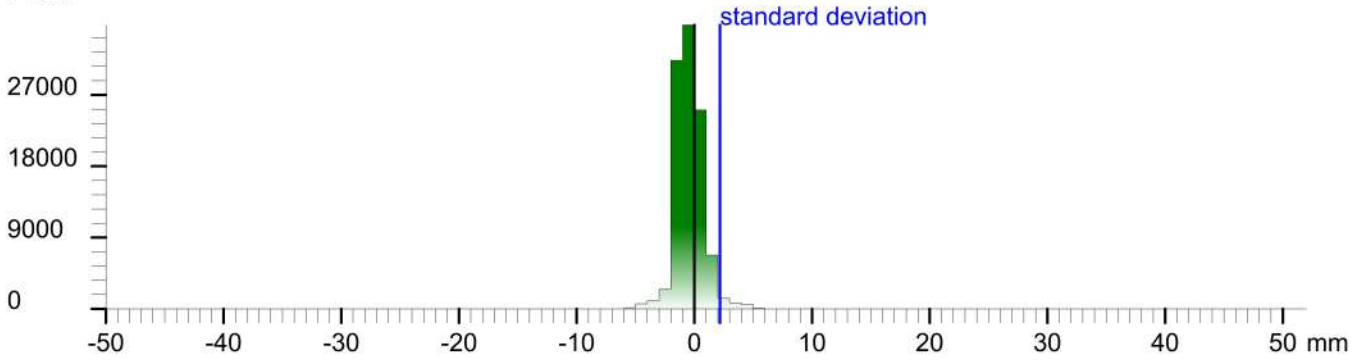
Registration matrix:

```
-0.934091  0.357024 -0.002718 -23.7383 m  
-0.357026 -0.934095  0.000322  29.2698 m  
-0.002423  0.001272  0.999996   1.1421 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram

Points



## Scan '56'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "56" -scanspot "56" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h-quality default -fcom "0" -do "101" -efcom! "20" -Ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011247 bar 16.686 m  
nav translation: -1.0921 m 0.3094 m 16.4450 m accuracies: 5.6848 m 5.6848 m 0.0001 m  
nav rotation: 0.0000 0.0000 160.7334 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.944 0.330 0.000 -13.330  
-0.330 -0.944 0.000 -24.924  
0.000 0.000 1.000 27.380  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '57'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

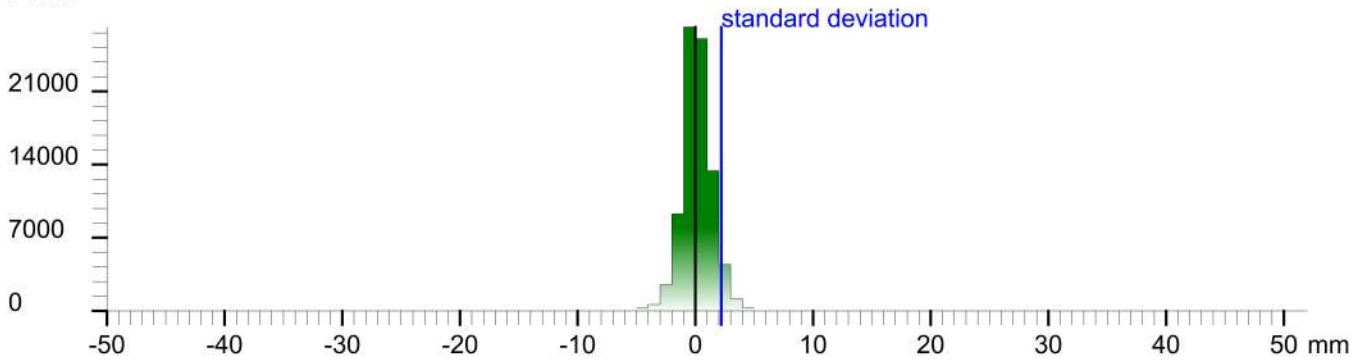
Registration matrix:

```
-0.524914 -0.851147 -0.003580 -19.2919 m
0.851150 -0.524922 0.001808 35.2741 m
-0.003419 -0.002097 0.999992 1.1604 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.2 mm

## Deviation histogram

Points



## Scan '57'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "57" -scans "57" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -efcom! "20" -Ho1 "340"
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.011250 bar 16.6651 m  
nav translation: -2.9602 m -2.5850 m 16.2188 m accuracies: 7.0893 m 7.0893 m 0.0001 m  
nav rotation: 0.0000 0.0000 236.1948 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.556 -0.831 0.000 -16.290  
0.831 -0.556 0.000 -27.509  
0.000 0.000 1.000 27.154  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '58'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

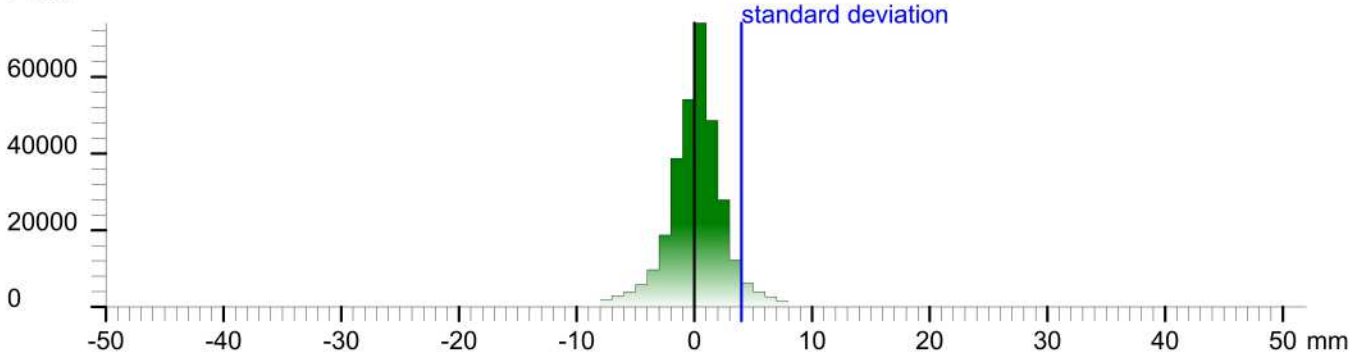
Registration matrix:

0.994785	0.101997	0.000778	-34.7293 m
-0.101998	0.994785	0.000196	4.9354 m
-0.000755	-0.000274	0.999999	0.6726 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:4.0 mm

## Deviation histogram

Points



## Scan '58'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "58" -scenarios "08" -path "Biblioteka Virgil Caranopol Z" -project "Biblioteka Virgil Caranopol Z" -projectTemplate "" -nav -temperature "20" -camera "iCam" -panoramaparams test-resolution h-quality default-ibom "0" -to "180" -ibom1 "20" -to1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.010190 bar 25.5016 m
nav translation: 0.0000 m 0.0000 m 25.3677 m accuracies: 5.1000 m 5.1000 m 0.0001 m
nav rotation: 0.0000 0.0000 20.2728 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110554 long:24.348761 satellites:6 height:148.0m hdop:1.6 vdop:4.3m hacc:4.1m vacc:10.0 flags:G3 'stand alone 3D solution'
north:4887569.916 m east:287831.868 m zone:35T
Initial pre position (3:outdoor)
0.938 0.346 0.000 -46.027
-0.346 0.938 0.000 -3.153
0.000 0.000 1.000 36.303
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header



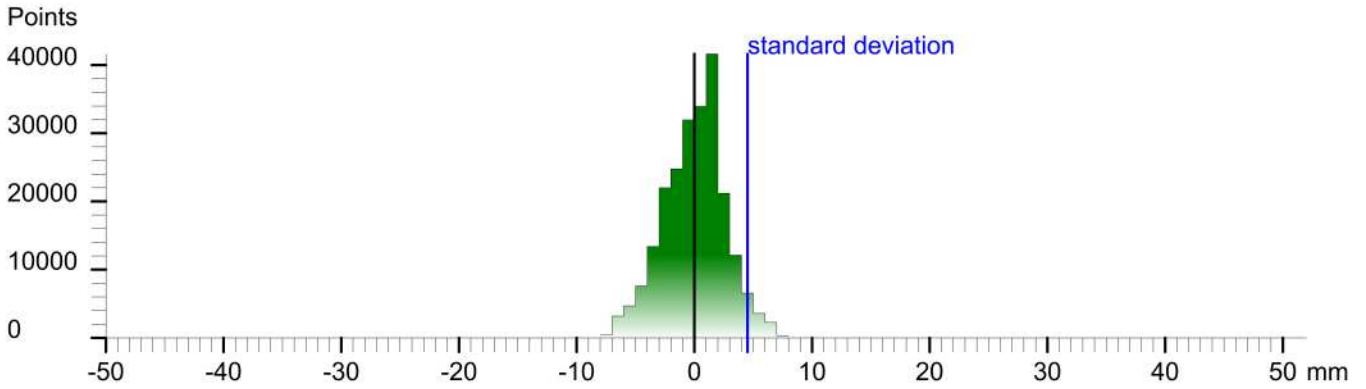
# Scan position '59'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
0.315007 -0.949088 -0.001843 -45.7658 m
0.949083 0.315012 -0.003124 14.5683 m
0.003546 -0.000764 0.999993 0.3275 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:4.5 mm

## Deviation histogram



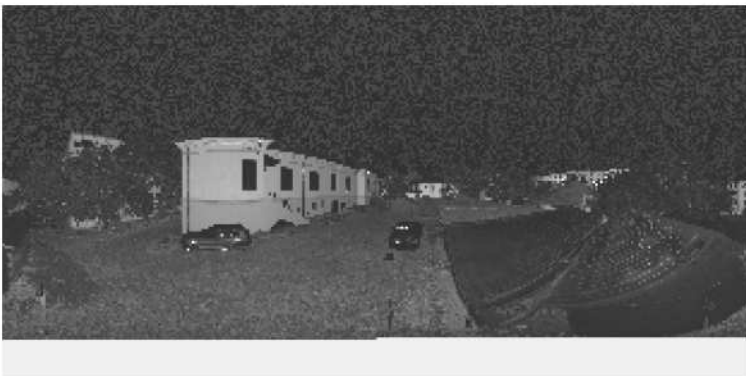
## Scan '59'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "59" -scorpio "59" -path "Biblioteka Virgil Cartanopol Z" -project "Biblioteka Virgil Cartanopol Z" -projectTemplate "" -nav -temperature "20" -camera "iCam" -panoramaparams test-resolution h-quality default-ibom "1" -to "181" -ibom1 "20" -to1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.010307 bar 24.5257 m
nav translation: 14.4315 m 12.6063 m 23.6847 m accuracies: 14.8037 m 14.8037 m 0.0001 m
nav rotation: 0.0000 0.0000 301.2454 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110626 long:24.348869 satellites:6 height:148.4m hdop:1.7 vdop:1.9m hacc:4.4m vacc:7.4 flags:G3 'stand alone 3D solution'
north:4887578.203 m east:287824.801 m zone:35T
Initial pre position (3:outdoor)
0.519 -0.855 0.000 -53.132
0.855 0.519 0.000 5.081
0.000 0.000 1.000 34.620
0.000 0.000 0.000 1.000
```

Level system info: no information about the level system stored in the zfs header





# Scan position '6'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

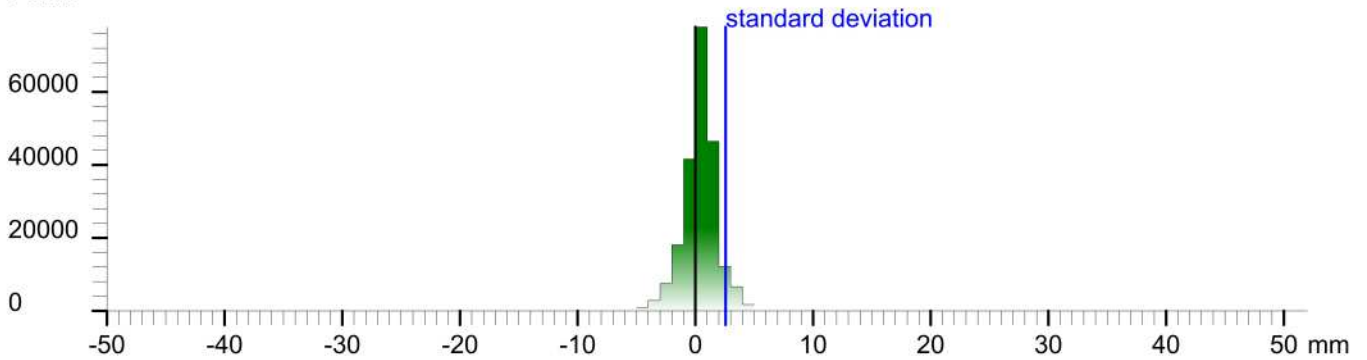
Registration matrix:

```
0.814386 -0.580324 -0.000435 9.2096 m
0.580324 0.814385 0.001505 32.4113 m
-0.000519 -0.001478 0.999999 -0.2235 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.6 mm

## Deviation histogram

Points



## Scan '6'

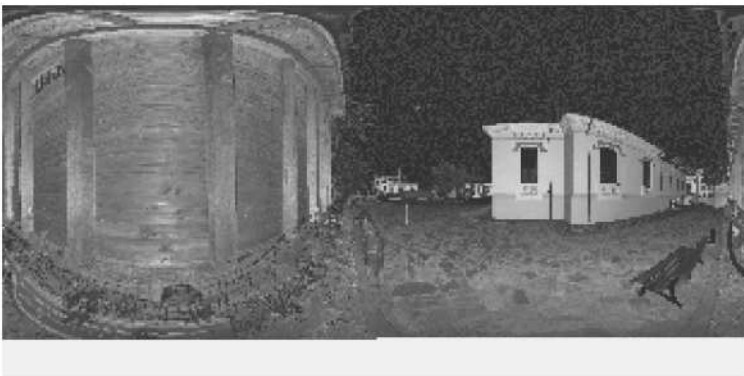
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "f" -scans "f" -path "Biblioteca Virgil Catalanopol 2" -project "Biblioteca Virgil Catalanopol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "cam" -panoramaparams fast-resolution h -quality default -from "0" -to "101" -from1 "0" -to1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.014341 bar -9.07659 m
nav translation: 0.3532 m 4.1258 m -9.6672 m accuracies: 7.2093 m 7.2093 m 0.0000 m
nav rotation: 0.0000 0.0000 326.1364 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110756 long:24.349312 satellites:4 height:151.4m hdop:2.8 vdop:3.3m hacc:14.0m vacc:15.0 flags:G3 'stand alone 3D solution'
north:4887590.952 m east:287876.705 m zone:35T
Initial pre position (0:indoor)
0.830 -0.557 0.000 6.223
0.557 0.830 0.000 15.422
0.000 0.000 1.000 1.268
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



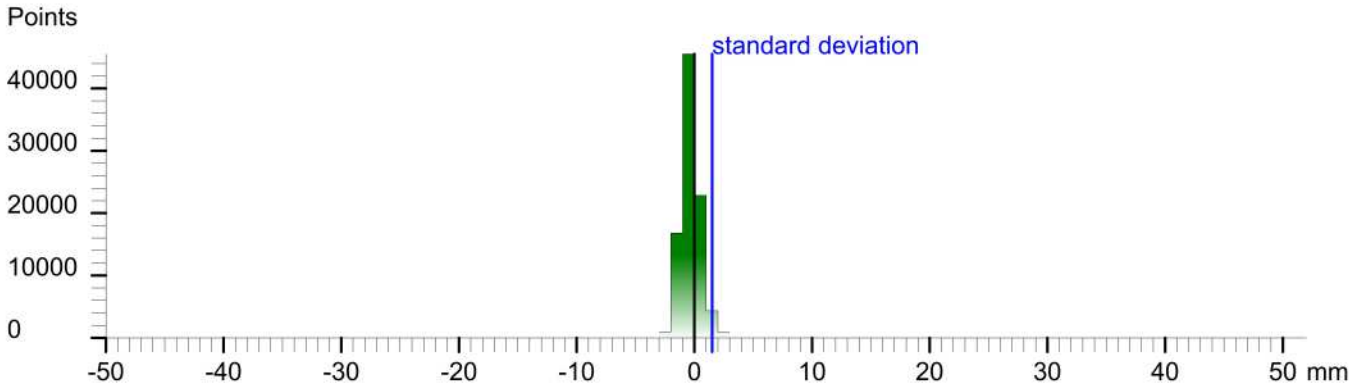
# Scan position '60'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

0.930179	0.367092	-0.003033	-22.6731 m
-0.367089	0.930185	0.001827	37.8284 m
0.003492	-0.000587	0.999994	1.3199 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.5 mm

## Deviation histogram



## Scan '60'

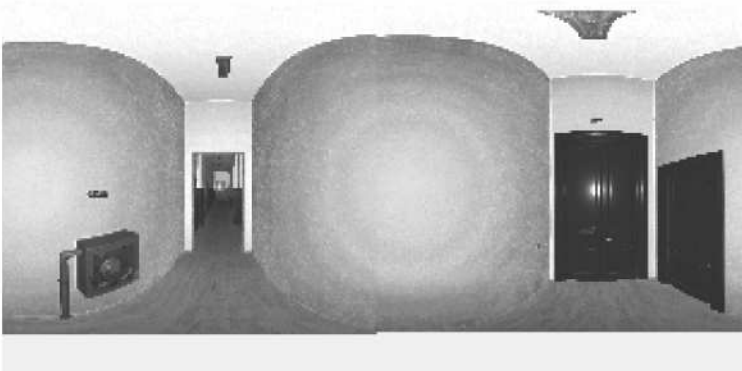
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 5016" -memorize 1 -file "60" -scenarios "60" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h-quality default -fcom "0" -do "101" -rfcom1 "20" -Hot1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010584 bar 22.2171 m  
nav translation: -15.3980 m 14.8763 m 22.0154 m accuracies: 15.8806 m 15.8806 m 0.0001 m  
nav rotation: 0.0000 0.0000 18.2407 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.950 0.313 0.000 -68.530  
-0.313 0.950 0.000 19.957  
0.000 0.000 1.000 32.951  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '61'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

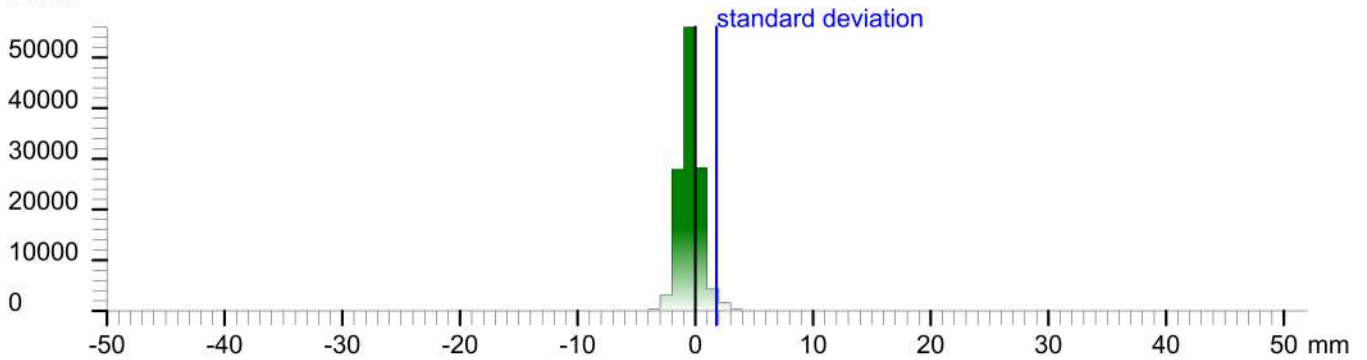
Registration matrix:

```
-0.951384 -0.307997 -0.002221 -14.6430 m
0.307994 -0.951386 0.002380 32.2445 m
-0.002846 0.001582 0.999995 1.3560 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.8 mm

## Deviation histogram

Points



## Scan '61'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

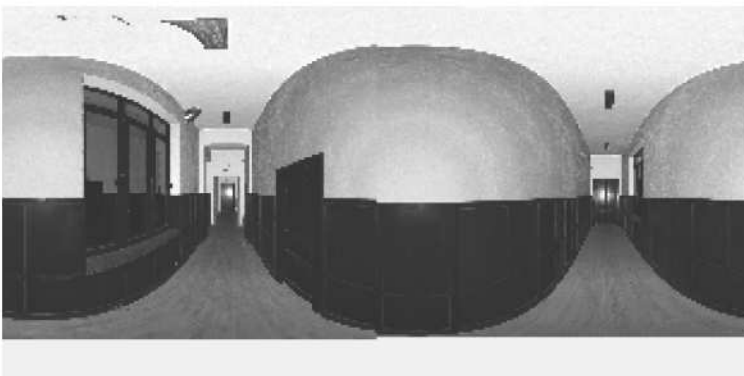
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl 1,RCSEner 9.0.3' -memorize 1 -file '61' -scans '61' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature 20" -camera "cam" -panoramaparams fast-resolution h -quality default -ifrom 0" -do "101" -ifrom1 "20" -Ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010723 bar 21.0625 m  
nav translation: -3.1118 m -3.6587 m 20.8829 m accuracies: 7.5095 m 7.5095 m 0.0001 m  
nav rotation: 0.0000 0.0000 198.1754 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.950 -0.312 0.000 -71.641  
0.312 -0.950 0.000 16.299  
0.000 0.000 1.000 31.818  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '62'

Scan position is member of group(s):

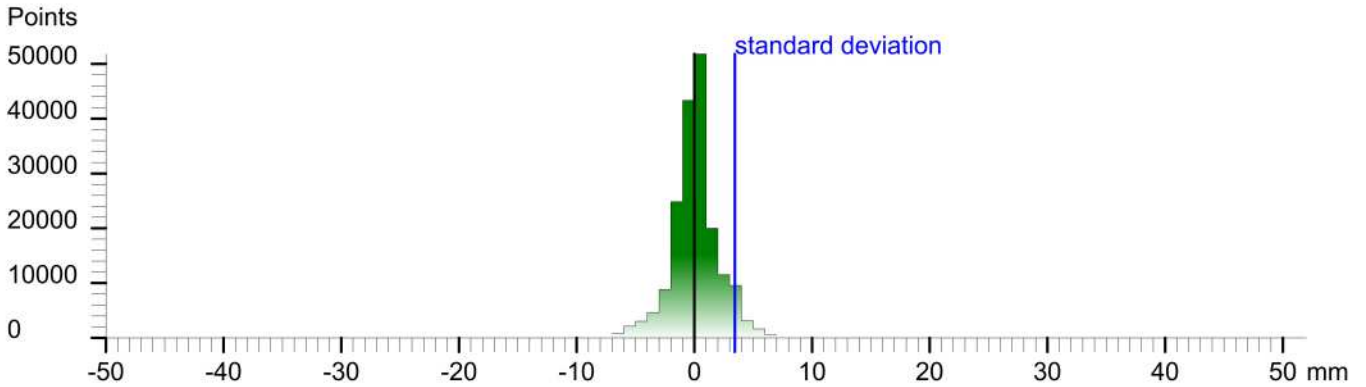
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

```
0.394891  0.918725  -0.002321  -8.9198 m
-0.918729 0.394892  -0.000107  27.8542 m
0.000819  0.002174  0.999997   1.3521 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 3.4 mm

## Deviation histogram



## Scan '62'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'cd "C:\Users\..."; "memorize 1 -file "62" -scans "62" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Ho1 "340"'

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.010915 bar 19.4586 m  
nav translation: 2.2021 m 3.9824 m 19.1228 m accuracies: 7.4490 m 7.4490 m 0.0001 m  
nav rotation: 0.0000 0.0000 77.5364 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.216 0.976 0.000 -69.439  
-0.976 0.216 0.000 20.281  
0.000 0.000 1.000 30.058  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '63'

Scan position is member of group(s):

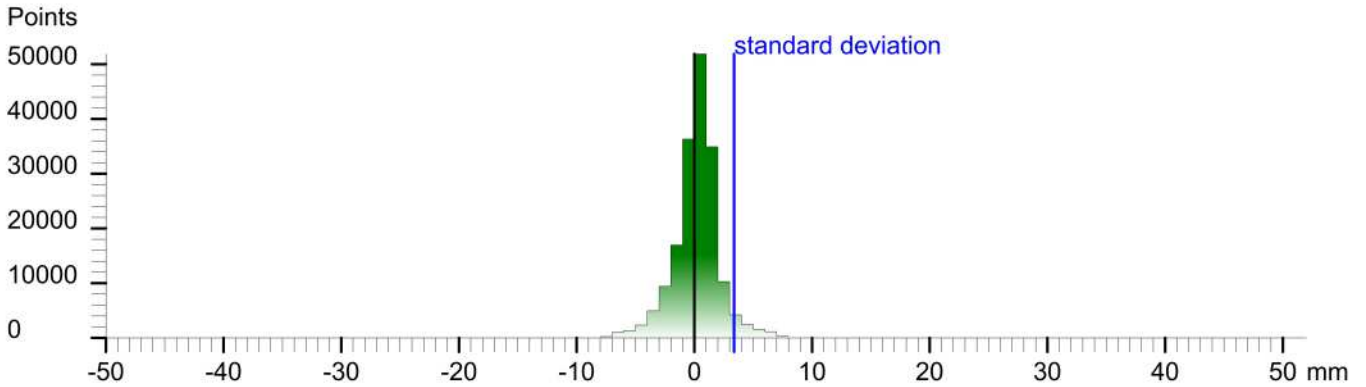
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

0.884046	0.467398	-0.001221	-10.5448 m
-0.467400	0.884047	-0.000007	13.5525 m
0.001077	0.000576	0.999999	1.3615 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:3.4 mm

## Deviation histogram



## Scan '63'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 5016" -memorize 1 -file "63" -scenarios "03" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h-quality default -fcom "0" -do "101" -rfcom1 "20" -Ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010884 bar 19.7132 m  
nav translation: -1.3530 m 0.5823 m 19.3525 m accuracies: 5.8735 m 5.8735 m 0.0001 m  
nav rotation: 0.0000 0.0000 30.2744 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.864 0.504 0.000 -70.792  
-0.504 0.864 0.000 20.863  
0.000 0.000 1.000 30.288  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '64'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

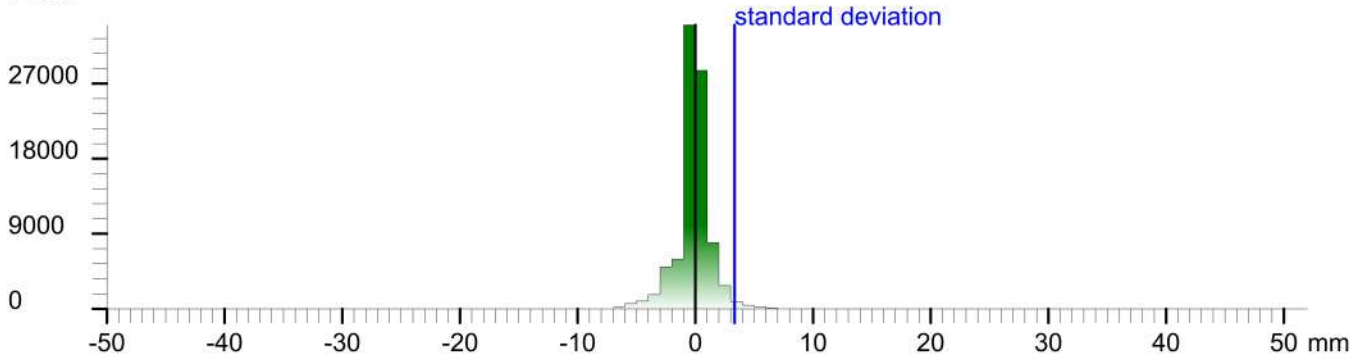
Registration matrix:

```
0.338987  0.940790  -0.000920  -10.0431 m
-0.940792  0.338987  -0.000207  13.1414 m
0.000118  0.000935  0.999999   1.3636 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 3.3 mm

## Deviation histogram

Points



## Scan '64'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl 1,RCSensor 9.0.3 -memorize 1 -file "64" -scanspot "64" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h -quality default -ifrom "0" -do "101" -ifrom1 "20" -Hot1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010894 bar 19.6297 m  
nav translation: 0.2760 m -2.2191 m 19.2348 m accuracies: 6.2283 m 6.2283 m 0.0001 m  
nav rotation: 0.0000 0.0000 73.9214 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.277 0.961 0.000 -70.516  
-0.961 0.277 0.000 18.644  
0.000 0.000 1.000 30.170  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '65'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

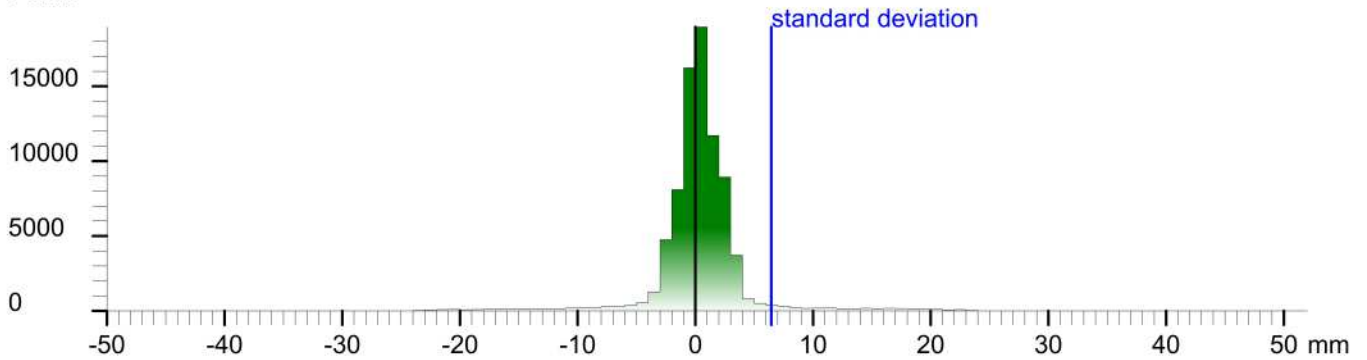
Registration matrix:

```
0.648191 0.761475 -0.002049 -6.7135 m
-0.761477 0.648193 0.000182 12.0230 m
0.001467 0.001441 0.999998 1.3621 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:6.5 mm

## Deviation histogram

Points



## Scan '65'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'ctrl 1,RCSEner 9.0.3' -memorize 1 -file '65' -scanspos '65' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h -quality default -fcom '0' -do '101' -rtomf '20' -Ho1 '340'

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010768 bar 20.6847 m  
nav translation: -1.8942 m -1.2125 m 19.8215 m accuracies: 6.2417 m 6.2417 m 0.0001 m  
nav rotation: 0.0000 0.0000 46.5525 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.688 0.726 0.000 -72.411  
-0.726 0.688 0.000 17.432  
0.000 0.000 1.000 30.757  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



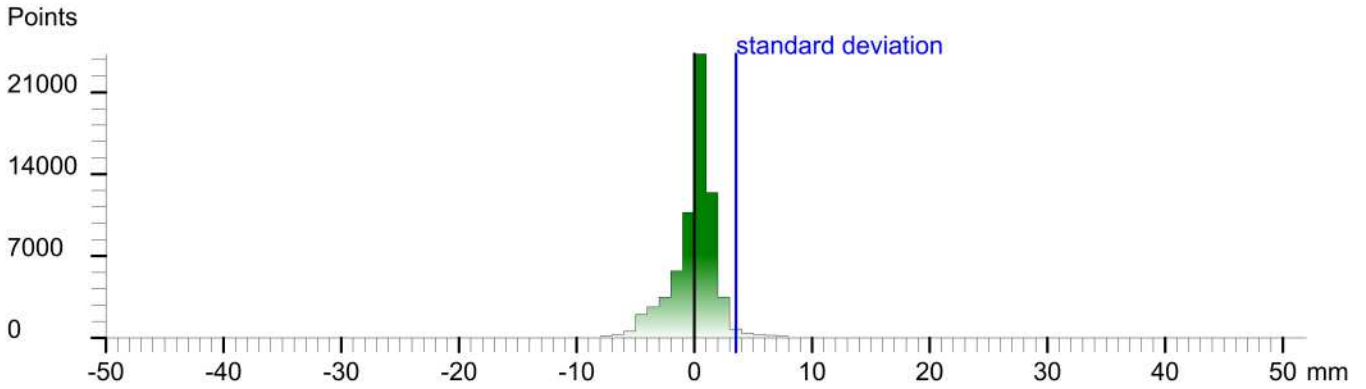
# Scan position '66'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.977194  0.212322 -0.003133 -8.9967 m  
-0.212319 -0.977200 -0.001170  8.4760 m  
-0.003310 -0.000477  0.999994  1.3526 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:3.5 mm

## Deviation histogram



## Scan '66'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file '66' -scans '66' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h -quality default -fcom '0' -do '101' -rfcom1 '20' -Ho1 '340'  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010695 bar 21.2962 m  
nav translation: -1.9753 m 2.2984 m 21.0035 m accuracies: 6.6459 m 6.6459 m 0.0001 m  
nav rotation: 0.0000 0.0000 166.0322 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.970 0.241 0.000 -74.386  
-0.241 -0.970 0.000 19.730  
0.000 0.000 1.000 31.939  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '67'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

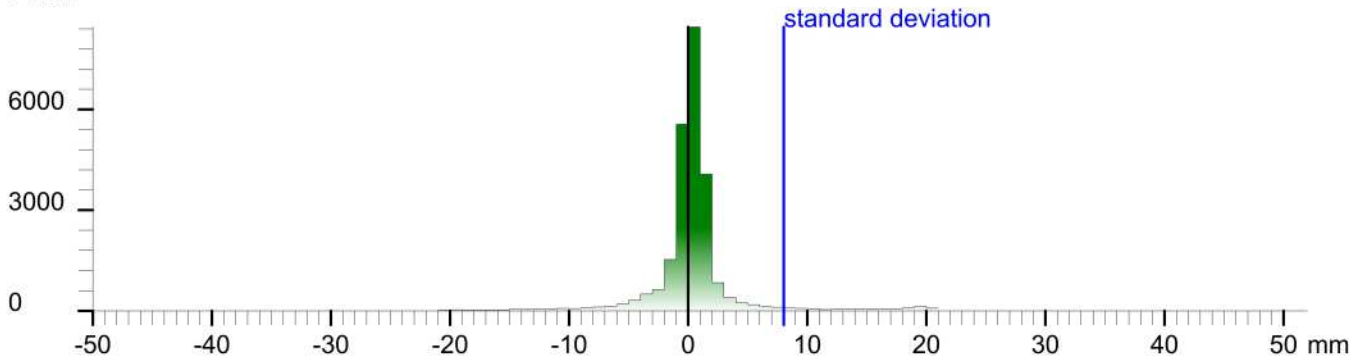
Registration matrix:

```
-0.387095  0.922036 -0.002261 -8.0771 m  
-0.922038 -0.387100 -0.001302  6.9500 m  
-0.002075  0.001580  0.999996  1.3675 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:8.0 mm

## Deviation histogram

Points



## Scan '67'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

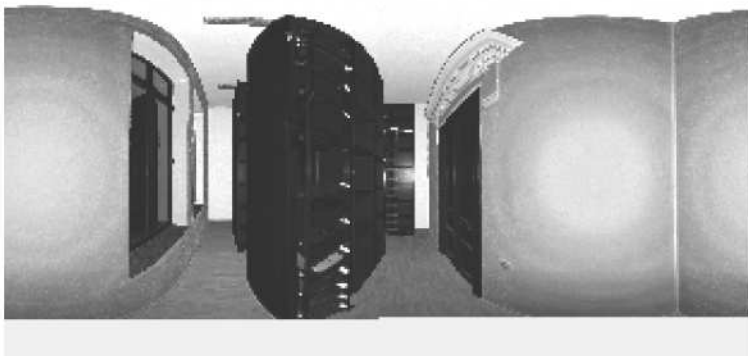
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "67" -scans "67" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast -resolution h -quality default -fcom "0" -do "101" -efcom "20" -Ho1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.010633 bar 21.8064 m  
nav translation: -1.1147 m 0.8734 m 21.1145 m accuracies: 5.8148 m 5.8148 m 0.0001 m  
nav rotation: 0.0000 0.0000 113.6779 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.402 0.916 0.000 -75.501  
-0.916 -0.402 0.000 20.604  
0.000 0.000 1.000 32.050  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '68'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

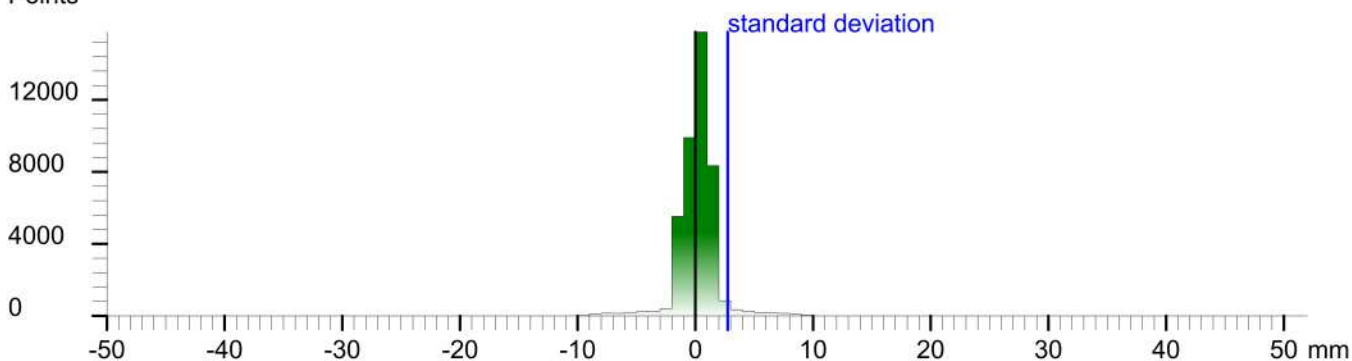
Registration matrix:

```
-0.992859 -0.119239 -0.003265 -9.2122 m
0.119246 -0.992864 -0.001674 5.4758 m
-0.003042 -0.002051 0.999993 1.3598 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.7 mm

## Deviation histogram

Points



## Scan '68'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

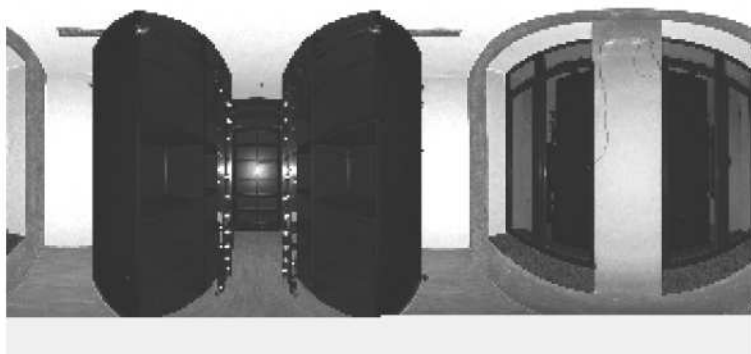
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -ctrl 'Z+F IMAGER 5016' -memorize 1 -file '68' -scans '68' -path 'Biblioteka Virgil Caransevici 2' -project 'Biblioteka Virgil Caransevici 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1' -cam -panoramaparams fast -resolution h -quality default -fcom '0' -do '101' -rtom '20' -Ho1 '340'
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010534 bar 22.6358 m  
nav translation: 0.0351 m 2.1937 m 21.9478 m accuracies: 6.2120 m 6.2120 m 0.0001 m  
nav rotation: 0.0000 0.0000 185.1125 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.996 -0.089 0.000 -75.466  
0.089 -0.996 0.000 22.797  
0.000 0.000 1.000 32.883  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '69'

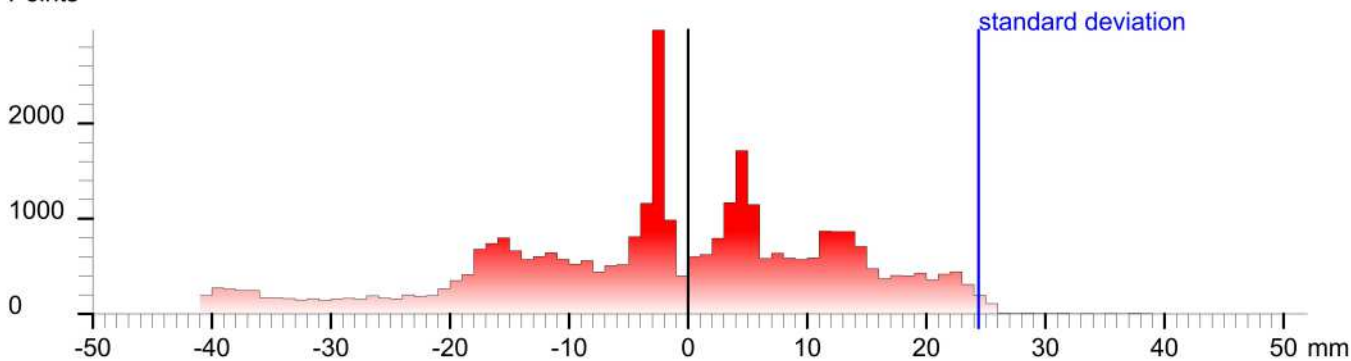
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.892618 -0.450788 -0.004648 -10.4044 m  
0.450802 -0.892622 -0.002164 4.0425 m  
-0.003174 -0.004026 0.999987 1.3545 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:24.4 mm

## Deviation histogram

Points



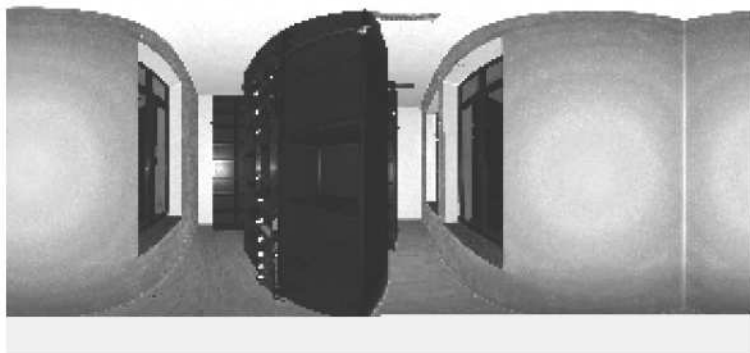
## Scan '69'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "69" -scaprio "69" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom "20" -Ho1 "340"  
Sensor  
sensors: 3100 * barometer translation rotation gps*  
Barometer: 1.010413 bar 23.6484 m  
nav translation: 0.2603 m 1.7716 m 23.0103 m accuracies: 6.0053 m 6.0053 m 0.0000 m  
nav rotation: 0.0000 0.0000 199.9445 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:44.110611 long:24.349020 satellites:4 height:139.5m hdop:3.8 vdop:2.8m hacc:14.4m vacc:19.0 flags:G3 *stand alone 3D solution*  
north:4887575.603 m east:287852.832 m zone:35T  
Initial pre position (0:indoor)  
-0.940 -0.341 0.000 -75.205  
0.341 -0.940 0.000 24.569  
0.000 0.000 1.000 33.945  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '7'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

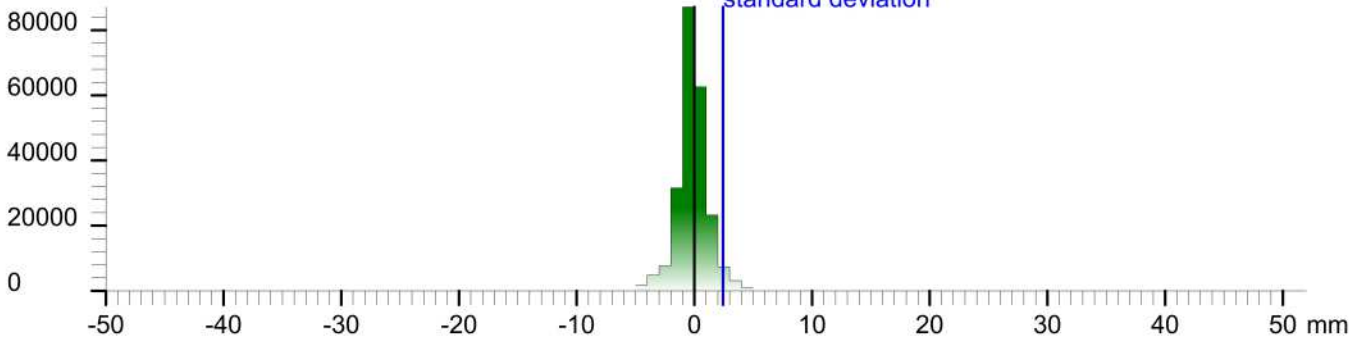
Registration matrix:

```
0.711065 -0.703126 -0.000891 3.7895 m
0.703127 0.711063 0.001609 36.3957 m
-0.000498 -0.001770 0.999998 -0.4100 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.4 mm

## Deviation histogram

Points



## Scan '7'

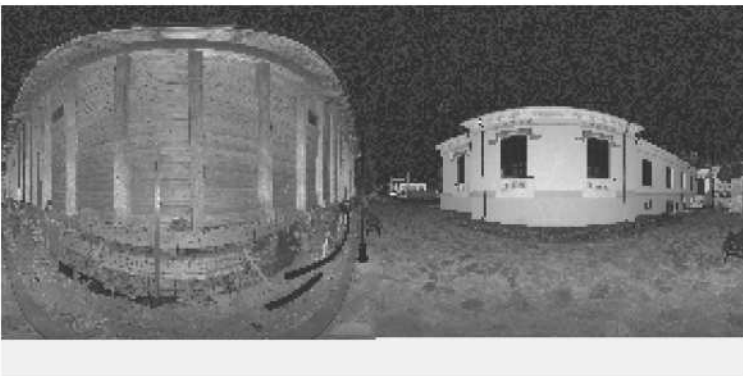
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "7" -scanpos "7" -path "Biblioteka Virgil Catalanopol 2" -project "Biblioteka Virgil Catalanopol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "cam" -panoramaparams fast -resolution h -quality default -ffrom "0" -to "101" -from1 "0" -to1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.014273 bar -8.51437 m
nav translation: -0.5874 m 2.8129 m -9.0358 m accuracies: 6.5445 m 6.5445 m 0.0001 m
nav rotation: 0.0000 0.0000 317.9320 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110813 long:24.349289 satellites:3 height:148.5m hdop:3.3 vdop:1.0m hacc:12.0m vacc:8.3 flags:G2 'stand alone 2D solution'
north:4887597.366 m east:287875.078 m zone:35T
Initial pre position (3:outdoor)
0.742 -0.670 0.000 5.636
0.670 0.742 0.000 18.235
0.000 0.000 1.000 1.899
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '70'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

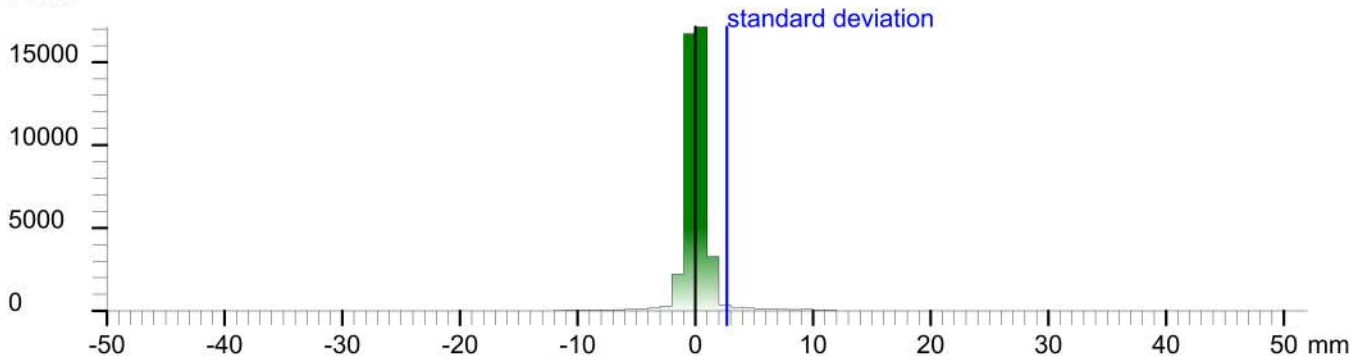
Registration matrix:

```
-0.999247  0.038537  -0.004332  -12.5779 m
-0.038529  -0.999257  -0.001823   5.7326 m
-0.004398  -0.001654  0.999989   1.3485 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 2.7 mm

## Deviation histogram

Points



## Scan '70'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

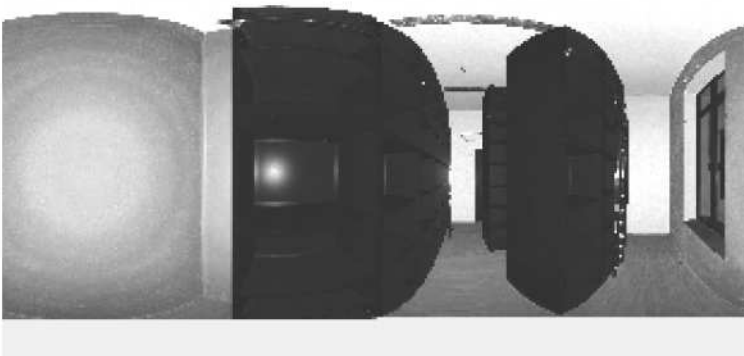
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "70" -scanspot "70" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast -resolution h -quality default -fboom "0" -do "101" -rtboom "20" -Ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010528 bar 22.6846 m  
nav translation: 2.1543 m 1.3204 m 22.8203 m accuracies: 6.3737 m 6.3737 m 0.0000 m  
nav rotation: 0.0000 0.0000 183.9196 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.998 -0.068 0.000 -73.051  
0.068 -0.998 0.000 25.889  
0.000 0.000 1.000 33.755  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '71'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

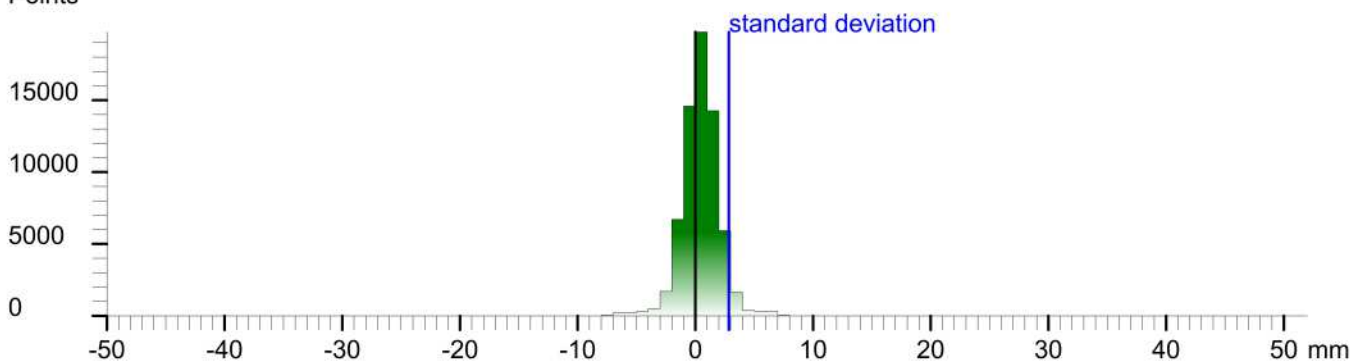
Registration matrix:

```
-0.714506  0.699629 -0.000506 -12.7320 m  
-0.699629 -0.714507 -0.000690  9.7622 m  
-0.000844 -0.000138  0.999999  1.3556 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.8 mm

## Deviation histogram

Points



## Scan '71'

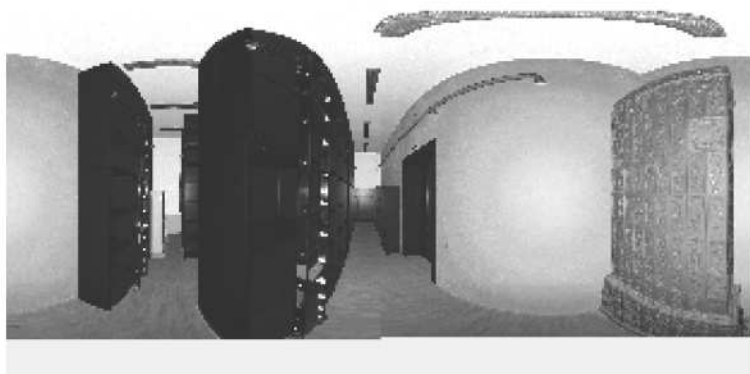
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "71" -scans "71" -path "Biblioteka Virgil Cartesianopol 2" -project "Biblioteka Virgil Cartesianopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "%cam%" -panoramaparams fast-resolution h -quality default -ifrom "0" -do "101" -ifrom "20" -Ho1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010583 bar 22.2231 m  
nav translation: -1.3340 m -0.8373 m 21.7542 m accuracies: 5.9303 m 5.9303 m 0.0001 m  
nav rotation: 0.0000 0.0000 136.1775 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.721 0.692 0.000 -74.385  
-0.692 -0.721 0.000 25.052  
0.000 0.000 1.000 32.689  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '72'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

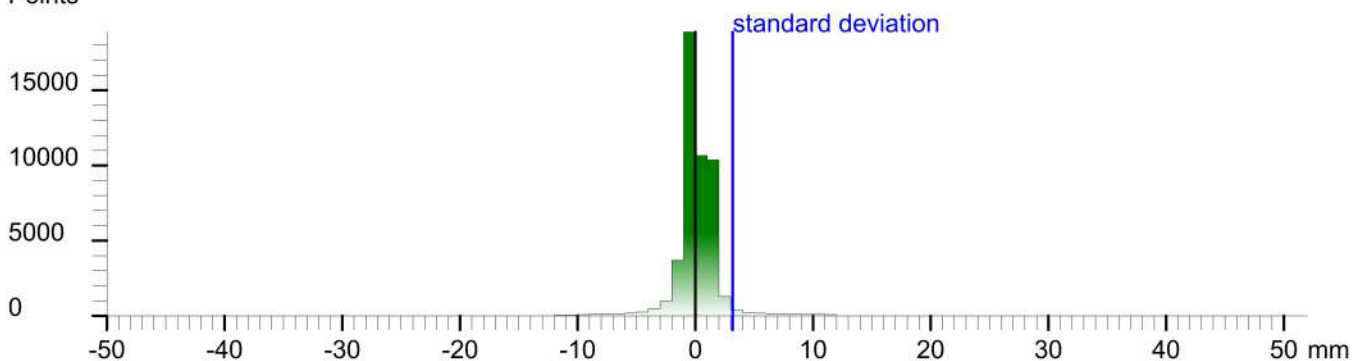
Registration matrix:

```
-0.793241 -0.608902 -0.002375 -17.9153 m
0.608906 -0.793244 -0.000184 13.7063 m
-0.001772 -0.001592 0.999997 1.3505 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.2 mm

## Deviation histogram

Points



## Scan '72'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

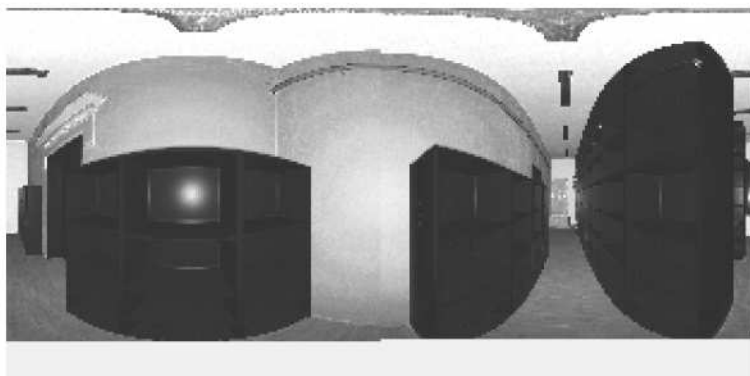
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'ctrl 1,RCSensor 9.0.3' -memorize 1 -file '72' -scansys '72' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h -quality default -fcom '0' -do '101' -rtomf '20' -Ho1 '340'
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010592 bar 22.1505 m  
nav translation: 3.5710 m 3.2649 m 21.9196 m accuracies: 7.5488 m 7.5488 m 0.0001 m  
nav rotation: 0.0000 0.0000 221.0122 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.755 -0.656 0.000 -70.814  
0.656 -0.755 0.000 28.317  
0.000 0.000 1.000 32.855  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '73'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

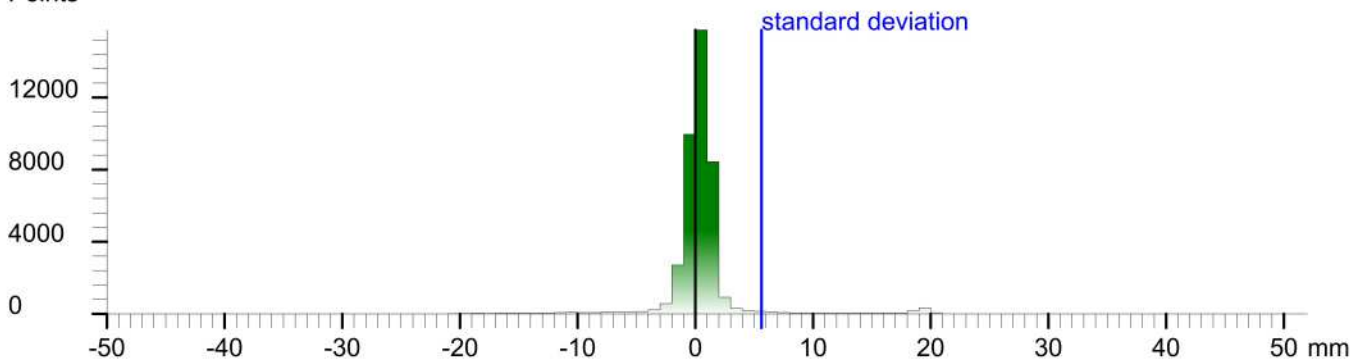
Registration matrix:

```
-0.937722  0.347381 -0.001865 -20.4929 m  
-0.347381 -0.937725 -0.000135  9.5556 m  
-0.001795  0.000522  0.999998  1.3432 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:5.6 mm

## Deviation histogram

Points



## Scan '73'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

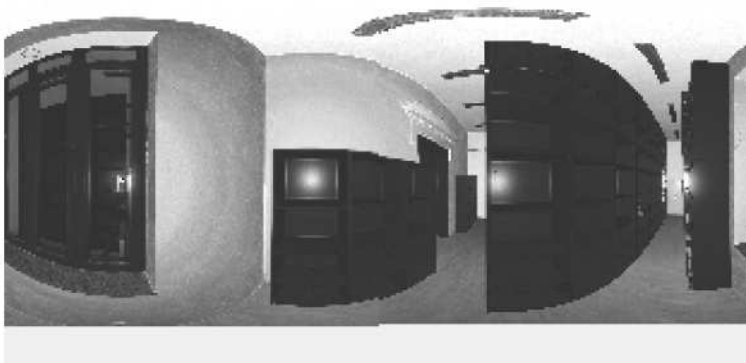
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'c:\1\_RCSense 9.0.3' -memorize 1 -file '73' -scans '73' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate '' -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h-quality default -fcom '0' -do '101' -rfcom1 '20' -Ho1 '340'

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010490 bar 22.9989 m  
nav translation: -1.1047 m 3.3533 m 21.8130 m accuracies: 6.8795 m 6.8795 m 0.0000 m  
nav rotation: 0.0000 0.0000 159.6336 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.937 0.348 0.000 -71.919  
-0.348 -0.937 0.000 31.670  
0.000 0.000 1.000 32.748  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '74'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

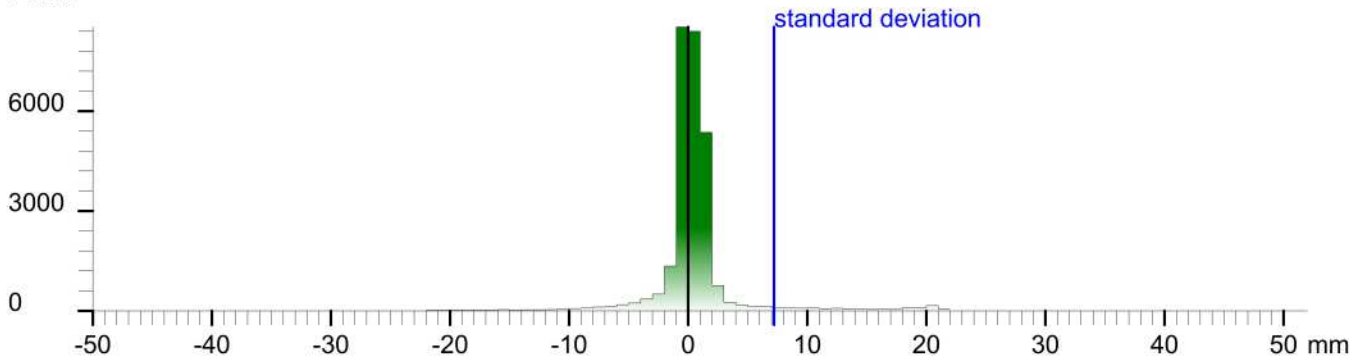
Registration matrix:

```
-0.869514  0.493904  -0.001651  -15.5371 m
-0.493903  -0.869517  -0.000964   6.0733 m
-0.001911  -0.000022  0.999998   1.3430 m
0.000000   0.000000   0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 7.2 mm

## Deviation histogram

Points



## Scan '74'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'ctrl "Z+F IMAGER 5016" -memorize 1 -file "74" -scans "74" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast -resolution h -quality default -fcom "0" -do "101" -rfcom "20" -Ho1 "340"
```

Sensor

```
sensors: 3096 ' barometer translation rotation'
Barometer: 1.010489 bar 23.0108 m
nav translation: -3.9318 m 1.4849 m 22.5132 m accuracies: 7.2294 m 7.2294 m 0.0004 m
nav rotation: 0.0000 0.0000 88.5157 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.026 1.000 0.000 -75.850
-1.000 0.026 0.000 33.155
0.000 0.000 1.000 33.448
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '75'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

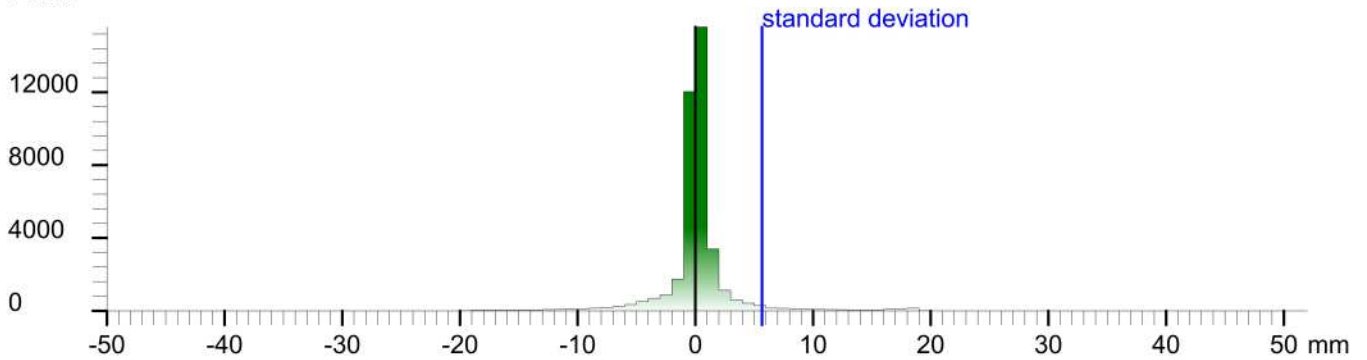
Registration matrix:

```
0.921446 -0.388504 -0.000778 -13.9166 m
0.388504 0.921448 -0.000647 8.0709 m
0.000968 0.000293 0.999999 1.3406 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.7 mm

## Deviation histogram

Points



## Scan '75'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

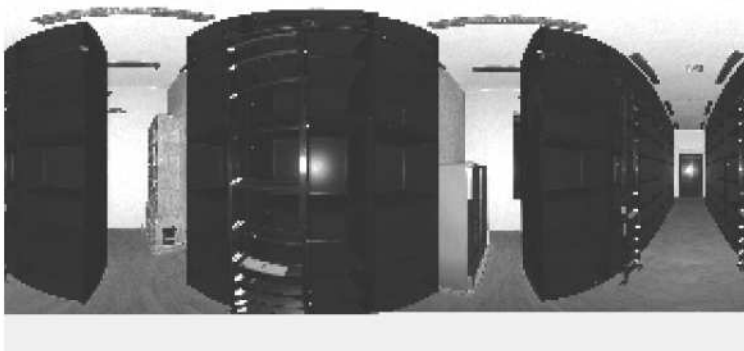
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "75" -scanspot "75" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Hot1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010447 bar 23.3649 m  
nav translation: -2.4385 m 1.9790 m 23.1205 m accuracies: 6.7688 m 6.7688 m 0.0001 m  
nav rotation: 0.0000 0.0000 341.9642 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.951 -0.310 0.000 -78.289  
0.310 0.951 0.000 35.134  
0.000 0.000 1.000 34.056  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '76'

Scan position is member of group(s):

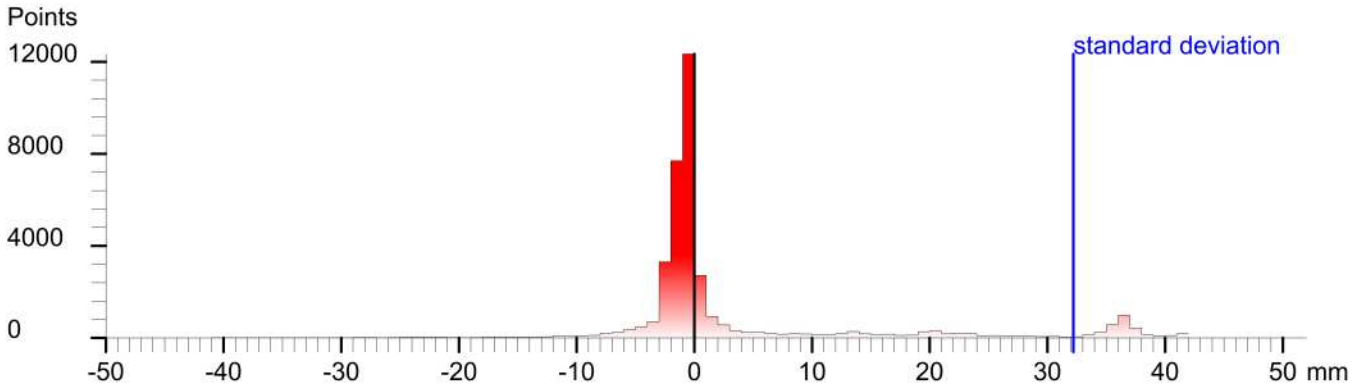
Status registration '[102h] registered with cloud to cloud'

Registration matrix:

0.341849	0.939751	-0.002377	-20.4052 m
-0.939755	0.341851	0.000640	12.7655 m
0.001414	0.002015	0.999996	1.3305 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation:32.2 mm

## Deviation histogram



## Scan '76'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'cd /home/robert/Projects/2018-08-14/102h -memorize 1 -file "76" -scans "76" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast-resolution h -quality default -ifrom "0" -do "101" -ifrom "20" -Ho1 "340"'

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010332 bar 24.3238 m  
nav translation: -6.9224 m -3.3476 m 23.5159 m accuracies: 8.9558 m 8.9558 m 0.0001 m  
nav rotation: 0.0000 0.0000 76.4588 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.234 0.972 0.000 -85.211  
-0.972 0.234 0.000 31.787  
0.000 0.000 1.000 34.451  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '77'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

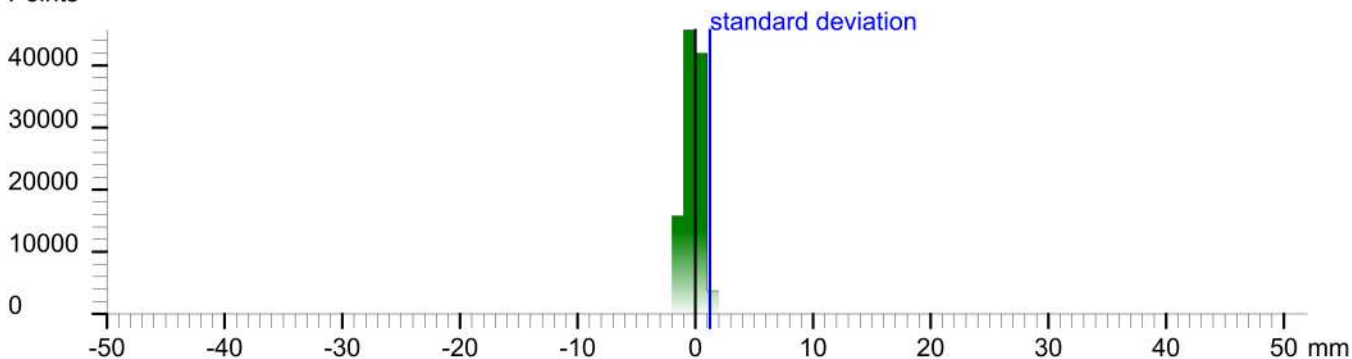
Registration matrix:

```
0.047338 -0.998875 -0.002613 -21.6580 m
0.998880 0.047335 0.001516 15.6679 m
-0.001390 -0.002681 0.999994 1.3214 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan '77'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

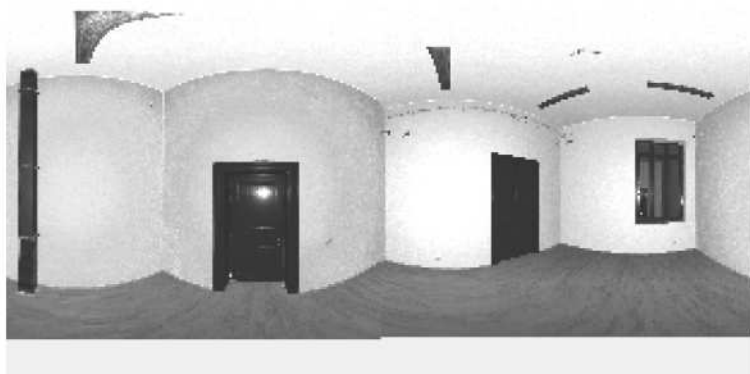
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file '77' -scanspos '77' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h -quality default -fcom '0' -do '101' -efcom! '20' -Ho1 '340'
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010263 bar 24.8957 m  
nav translation: -1.3490 m -2.5788 m 24.5748 m accuracies: 6.5662 m 6.5662 m 0.0001 m  
nav rotation: 0.0000 0.0000 281.7271 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.203 -0.979 0.000 -86.560  
0.979 0.203 0.000 29.208  
0.000 0.000 1.000 35.510  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '78'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

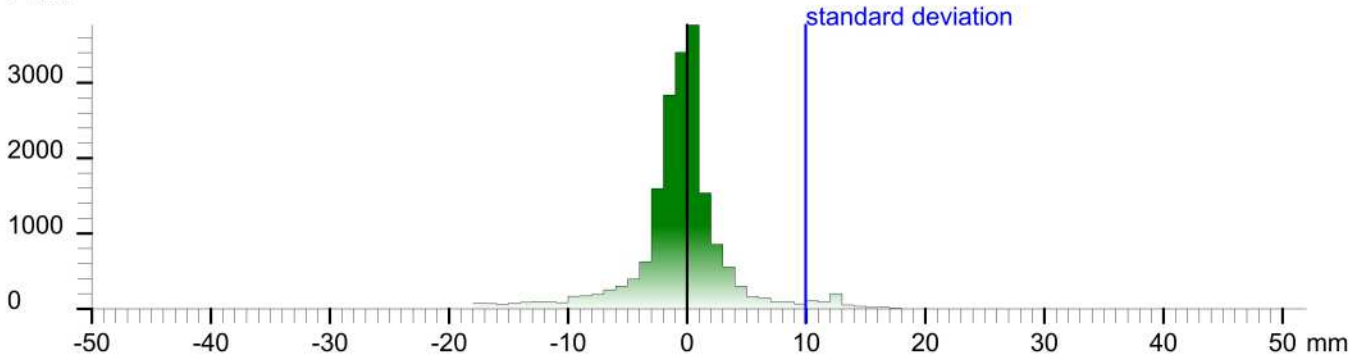
Registration matrix:

```
-0.947966  0.318365 -0.001676 -14.5250 m  
-0.318362 -0.947968 -0.001579  11.3056 m  
-0.002091 -0.000963  0.999997   1.3466 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 10.0 mm

## Deviation histogram

Points



## Scan '78'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

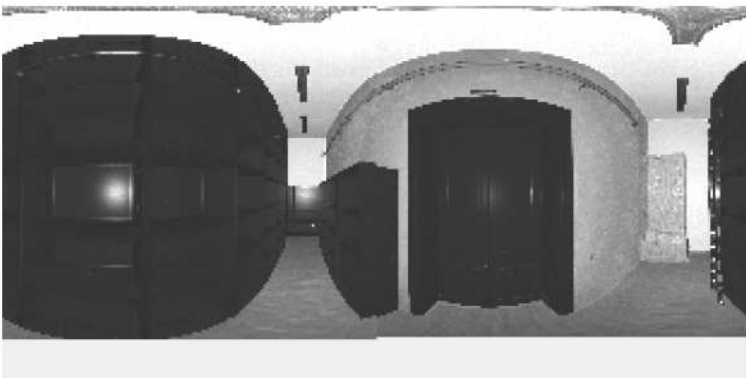
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `cd /usr/local/bin; ./rcsenser 9.0.3 -memorize 1 -file "78" -scanspot "78" -path "Biblioteca Virgil Caranopol 2" -project "Biblioteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast -resolution h -quality default -ifrom "0" -to "101" -ifrom "20" -to "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.010193 bar 25.4807 m  
nav translation: -4.4696 m 5.9400 m 25.1679 m accuracies: 8.9399 m 8.9399 m 0.0000 m  
nav rotation: 0.0000 0.0000 156.2283 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.915 0.403 0.000 -91.030  
-0.403 -0.915 0.000 35.148  
0.000 0.000 1.000 36.103  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '79'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

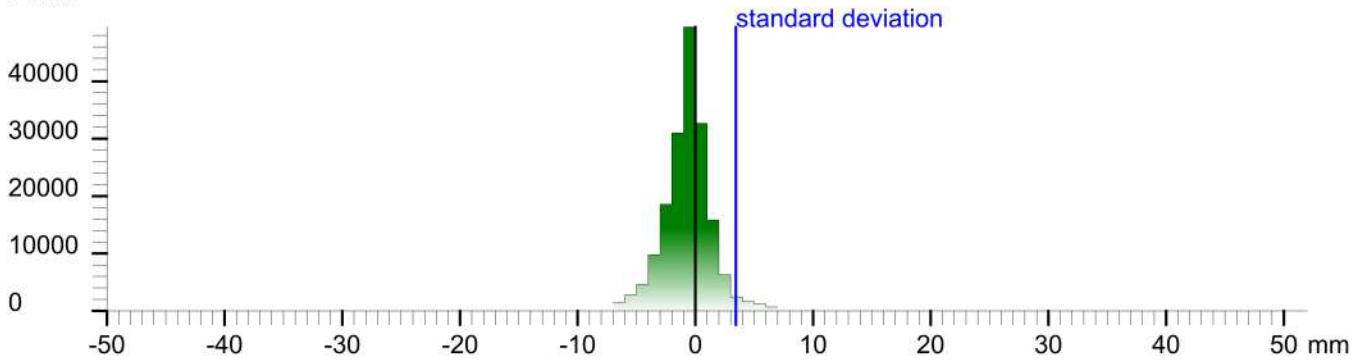
Registration matrix:

```
0.961354 -0.275308 -0.001727 -13.7594 m
0.275307 0.961357 -0.000811 12.4013 m
0.001883 0.000304 0.999998 1.3500 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.4 mm

## Deviation histogram

Points



## Scan '79'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

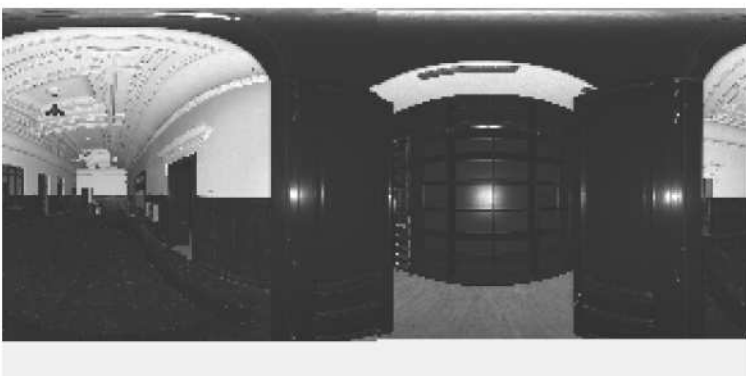
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "RCSense 9.0.3" -memorize 1 -file "79" -scanspot "79" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Hot1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010202 bar 25.4061 m  
nav translation: 0.3862 m 1.6363 m 24.8939 m accuracies: 6.0030 m 6.0030 m 0.0001 m  
nav rotation: 0.0000 0.0000 346.5380 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.973 -0.233 0.000 -90.644  
0.233 0.973 0.000 36.784  
0.000 0.000 1.000 35.829  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '8'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

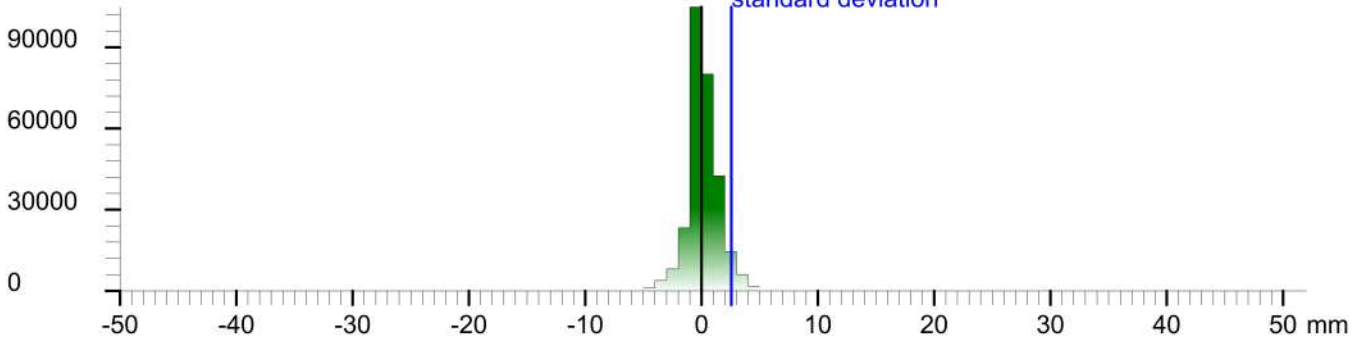
Registration matrix:

```
0.188526 -0.982068 -0.001168 -1.2741 m
0.982068 0.188525 0.001416 39.9902 m
-0.001170 -0.001414 0.999998 -0.5109 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.6 mm

## Deviation histogram

Points



## Scan '8'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -cli "Z+F IMAGER 5016" -memorize 1 -file "F" -scans "F" -path "Biblioteca Virgil Catalanop 2" -project "Biblioteca Virgil Catalanop 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "z-cam" -panoramaparams fast-resolution h -quality default -from "0" -to "101" -from1 "0" -to1 "340"
Sensor
sensors: 3100 * barometer translation rotation gps*
Barometer: 1.014242 bar -8.25456 m
nav translation: 0.2550 m 5.0134 m -8.8444 m accuracies: 7.6265 m 7.6265 m 0.0001 m
nav rotation: 0.0000 0.0000 283.8322 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110817 long:24.349243 satellites:3 height:146.4m hdop:3.4 vdop:1.0m hacc:11.0m vacc:12.4 flags:G2 'stand alone 2D solution'
north:4887597.908 m east:287871.429 m zone:35T
Initial pre position (3:outdoor)
0.239 -0.971 0.000 5.891
0.971 0.239 0.000 23.249
0.000 0.000 1.000 2.091
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '80'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

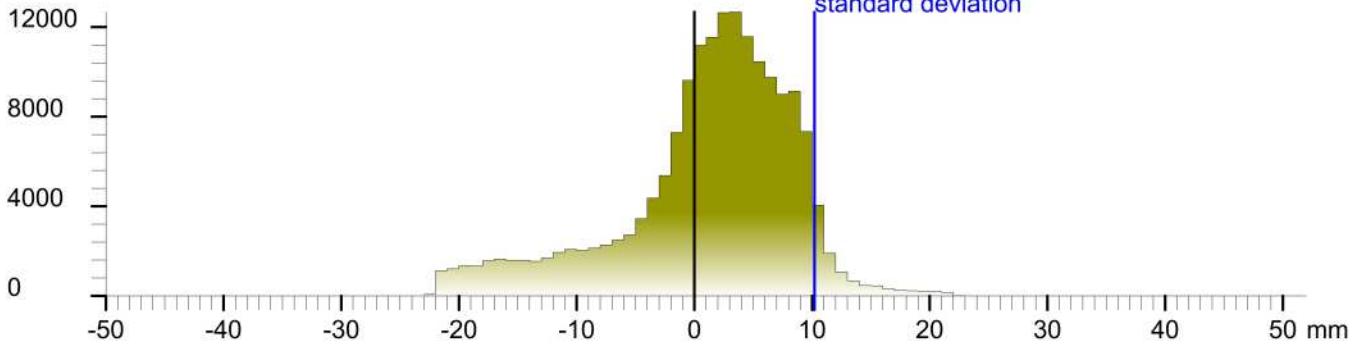
Registration matrix:

```
-0.336896 -0.941539 -0.002234 -2.5577 m
0.941542 -0.336896 -0.000638 14.7872 m
-0.000153 -0.002318 0.999997 1.3802 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:10.2 mm

## Deviation histogram

Points



## Scan '80'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "Z+F IMAGER 5016" -memorize 1 -file "80" -scenarios "80" -path "Biblioteka Virgil Caranopol Z" -project "Biblioteka Virgil Caranopol Z" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h -quality default -ifrom "0" -do "101" -ifrom "20" -Hot "340"
```

Sensor

```
sensors: 3096 'barometer translation rotation'
Barometer: 1.010241 bar 25.0818 m
nav translation: -0.1242 m -7.8095 m 24.7280 m accuracies: 9.0688 m 9.0688 m 0.0001 m
nav rotation: 0.0000 0.0000 254.3089 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.270 -0.963 0.000 -90.768
0.963 -0.270 0.000 28.975
0.000 0.000 1.000 35.663
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '81'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

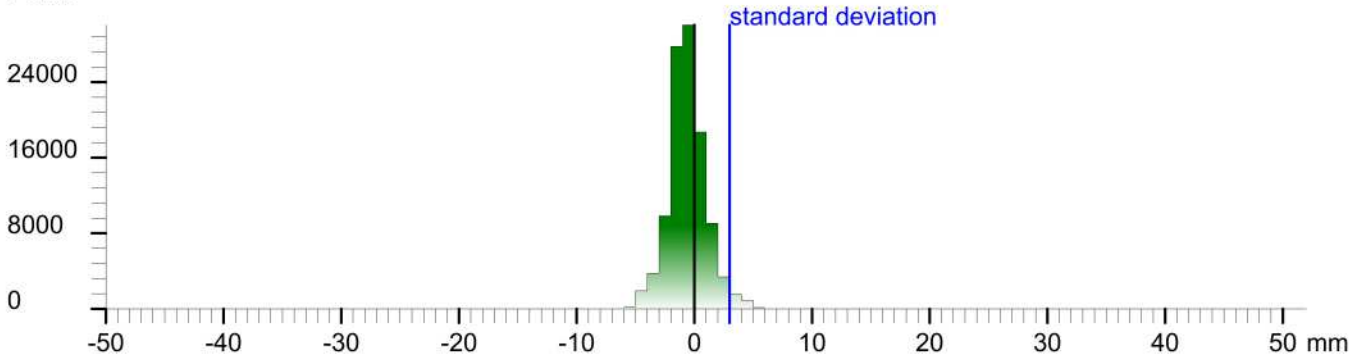
Registration matrix:

```
-0.410646 -0.911792 -0.002275 -5.2060 m  
0.911795 -0.410646 -0.000652 16.2318 m  
-0.000340 -0.002342 0.999997 1.3566 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:3.0 mm

## Deviation histogram

Points



## Scan '81'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: 'cd /usr/local/bin/ -memorize 1 -file "81" -scans "81" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -efcom! "20" -Ho1 "340"

Sensor

```
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010257 bar 24.9455 m  
nav translation: 2.1271 m 0.4794 m 24.0931 m accuracies: 6.2262 m 6.2262 m 0.0001 m  
nav rotation: 0.0000 0.0000 246.3541 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.401 -0.916 0.000 -86.641  
0.916 -0.401 0.000 29.454  
0.000 0.000 1.000 35.028  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '82'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

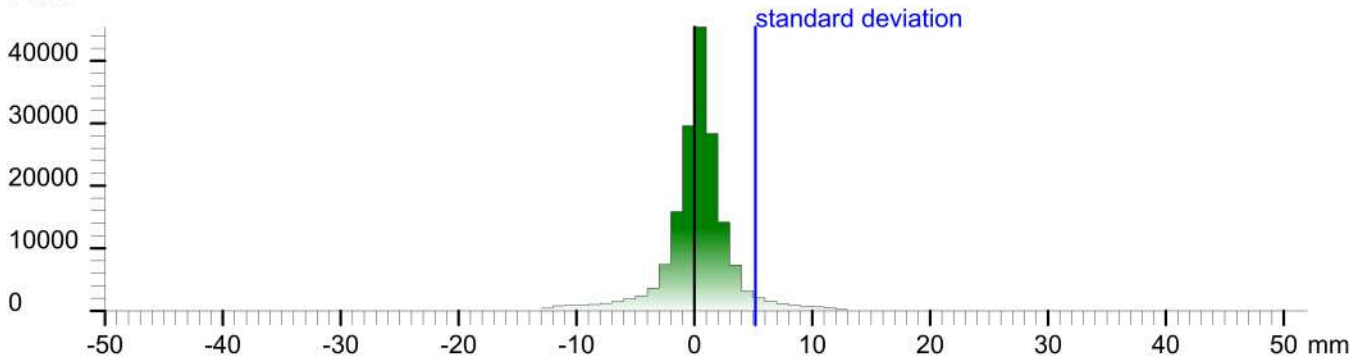
Registration matrix:

```
-0.430024 -0.902814 -0.002207 -7.2263 m
0.902818 -0.430025 -0.000301 17.7014 m
-0.000678 -0.002121 0.999997 1.3504 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.2 mm

## Deviation histogram

Points



## Scan '82'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "82" -scans "82" -path "Biblioteka Virgil Caranopol Z" -project "Biblioteka Virgil Caranopol Z" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -ifrom "0" -to "101" -ifrom "20" -to1 "340"`

Sensor  
sensors: 3096 'barometer translation rotation'  
Barometer: 1.010329 bar 24.3446 m  
nav translation: 1.5955 m 0.3823 m 23.9555 m accuracies: 5.9376 m 5.9376 m 0.0001 m  
nav rotation: 0.0000 0.0000 246.1466 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.404 -0.915 0.000 -87.045  
0.915 -0.404 0.000 29.836  
0.000 0.000 1.000 34.891  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '83'

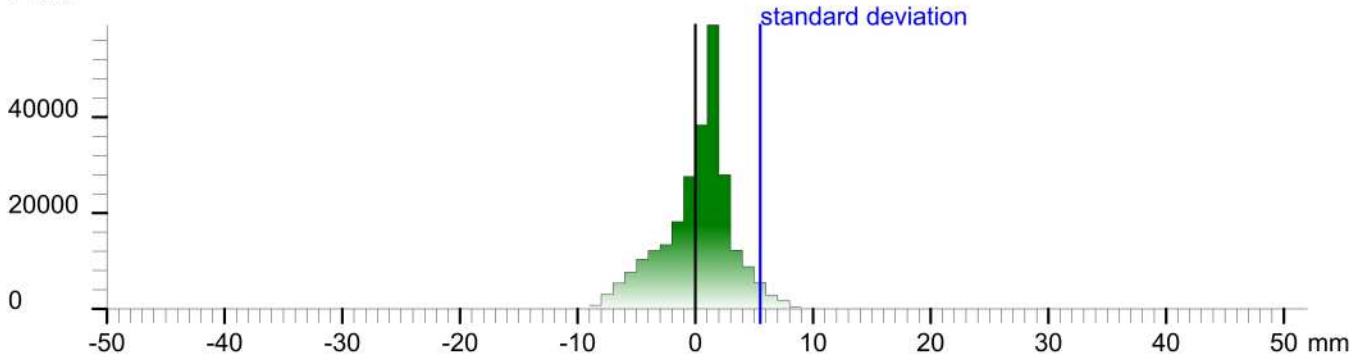
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.360941 -0.932585 -0.002645 -13.2670 m  
0.932589 -0.360942 -0.000078 22.3211 m  
-0.000883 -0.002494 0.999996 1.3333 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:5.5 mm

## Deviation histogram

Points



## Scan '83'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "83" -scans "83" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -efcom "20" -Ho1 "340"  
Sensor  
sensors: 3100 " barometer translation rotation gps"  
Barometer: 1.010264 bar 24.8918 m  
nav translation: 3.1619 m 3.2439 m 24.5740 m accuracies: 7.3815 m 7.3815 m 0.0001 m  
nav rotation: 0.0000 0.0000 261.0140 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
GPS lat:44.110718 long:24.349033 satellites:4 height:140.5m hdop:3.5 vdop:6.1m hacc:13.0m vacc:18.0 flags:G3 'stand alone 3D solution'  
north:4887587.433 m east:287854.283 m zone:35T  
Initial pre position (3:outdoor)  
-0.156 -0.988 0.000 -83.883  
0.988 -0.156 0.000 33.080  
0.000 0.000 1.000 35.509  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '84'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

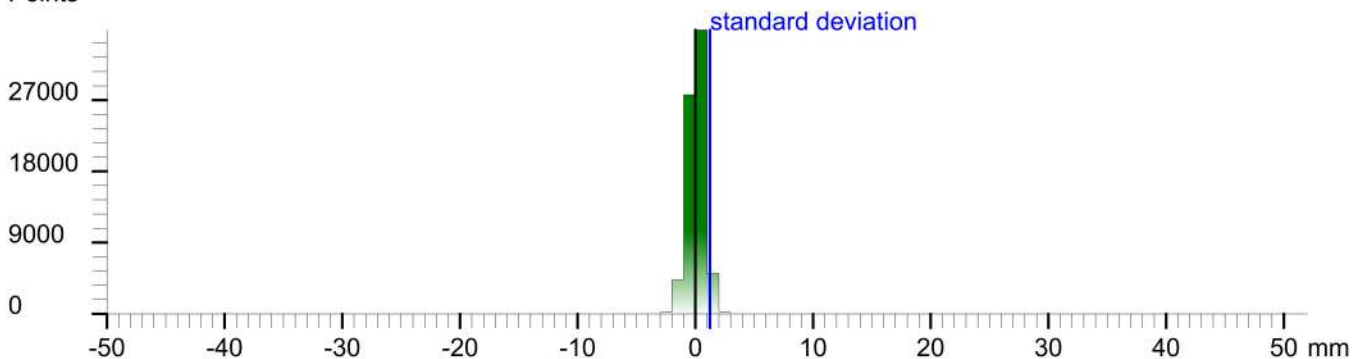
Registration matrix:

```
-0.944056  0.329771 -0.002786 -24.8434 m  
-0.329770 -0.944062 -0.000629  20.7475 m  
-0.002837  0.000326  0.999996   1.1040 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan '84'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "84" -scans "84" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -efcom "20" -Ho1 "340"  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010330 bar 24.3337 m  
nav translation: 3.7608 m 9.1969 m 24.2086 m accuracies: 10.1122 m 10.1122 m 0.0001 m  
nav rotation: 0.0000 0.0000 151.7665 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.881 0.473 0.000 -80.123  
-0.473 -0.881 0.000 42.279  
0.000 0.000 1.000 35.144  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '85'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

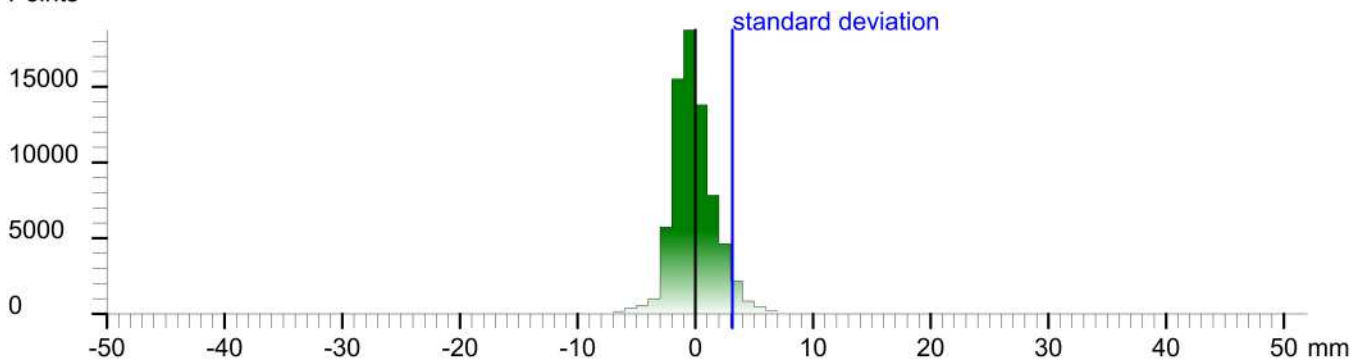
Registration matrix:

```
-0.707066  0.707143  -0.002174  -26.0345 m  
-0.707146  -0.707069  0.000200  17.7518 m  
-0.001395  0.001679  0.999998  1.0909 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation:3.1 mm

## Deviation histogram

Points



## Scan '85'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

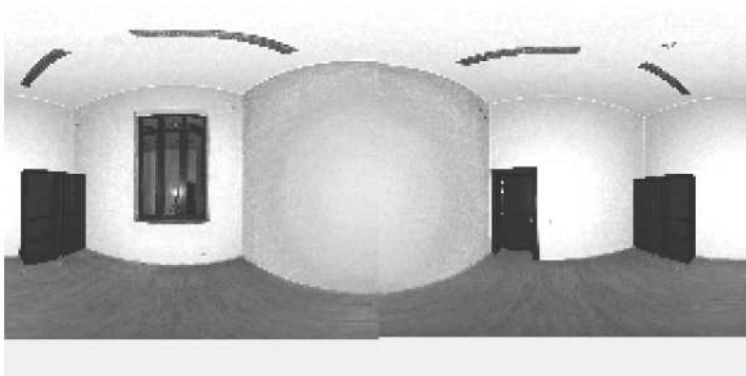
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "85" -scanspos "85" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -efcom "20" -Ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010290 bar 24.6699 m  
nav translation: -1.2014 m 1.5096 m 24.4937 m accuracies: 6.0720 m 6.0720 m 0.0001 m  
nav rotation: 0.0000 0.0000 140.8534 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.776 0.631 0.000 -81.324  
-0.631 -0.776 0.000 43.789  
0.000 0.000 1.000 35.429  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '86'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

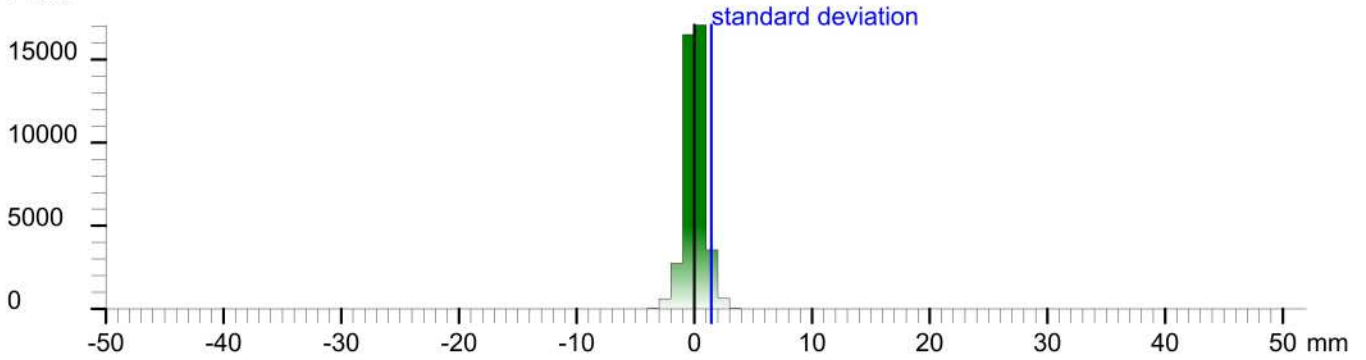
Registration matrix:

```
-0.707271 -0.706935 -0.003055 -28.3206 m
0.706941 -0.707274 -0.000513 23.1615 m
-0.001799 -0.002521 0.999995 1.1009 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.4 mm

## Deviation histogram

Points



## Scan '86'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: 'c:\1_RCSense 9.0.3' -memorize 1 -file '86' -scans '86' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate '' -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h-quality default -fcom '0' -do '101' -efcom1 '20' -Ho1 '340'
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010284 bar 24.7177 m  
nav translation: 1.8073 m -1.3381 m 24.3356 m accuracies: 6.2630 m 6.2630 m 0.0001 m  
nav rotation: 0.0000 0.0000 225.9547 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.695 -0.719 0.000 -79.517  
0.719 -0.695 0.000 42.451  
0.000 0.000 1.000 35.271  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '87'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

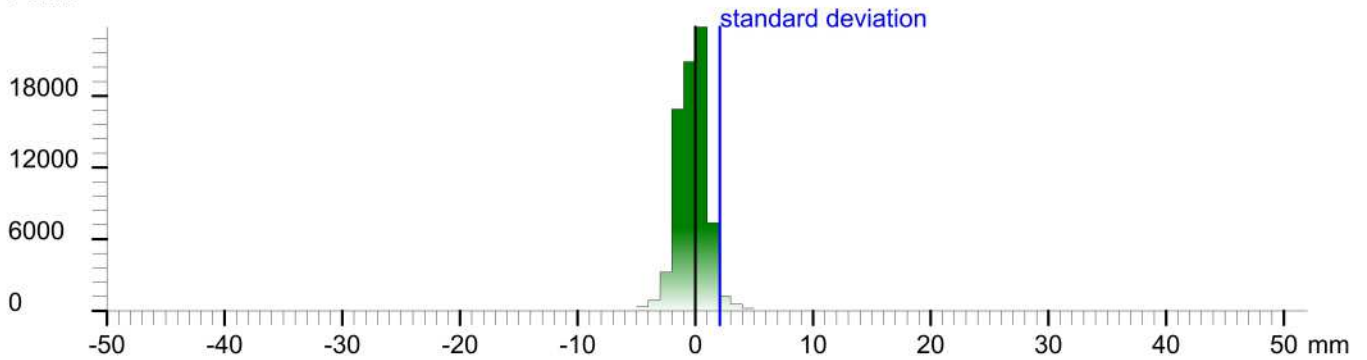
Registration matrix:

```
-0.754255  0.656574  -0.003035  -28.1111 m
-0.656574  -0.754262  -0.001192  21.3242 m
-0.003071  0.001094  0.999995   1.0910 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation:2.1 mm

## Deviation histogram

Points



## Scan '87'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

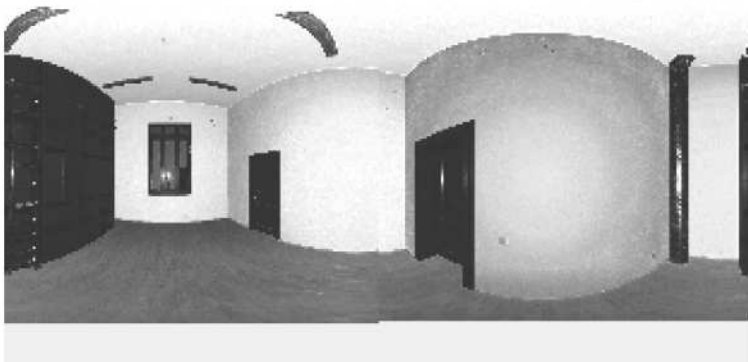
Metadata	Value
comment	
operator	

Scan command: 'c:\1\_RCSense 9.0.3' -memorize 1 -file '87' -scans '87' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h -quality default -fcom '0' -do '101' -iform1 '20' -Ho1 '340'

Sensor

```
sensors: 3096 ' barometer translation rotation'
Barometer: 1.010232 bar 25.1584 m
nav translation: -1.7147 m 2.2486 m 24.8197 m accuracies: 6.5277 m 6.5277 m 0.0001 m
nav rotation: 0.0000 0.0000 145.3809 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.823 0.568 0.000 -81.231
-0.568 -0.823 0.000 44.699
0.000 0.000 1.000 35.755
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '88'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

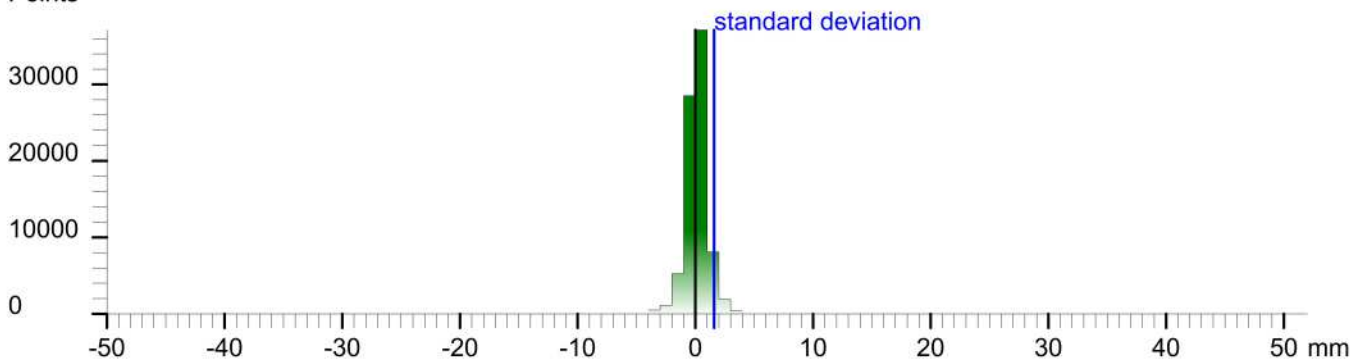
Registration matrix:

0.353516	0.935423	-0.003023	-31.2967 m
-0.935429	0.353516	-0.000157	20.9128 m
0.000922	0.002883	0.999995	1.0795 m
0.000000	0.000000	0.000000	1.0000

Result registration cloud to cloud standard deviation: 1.6 mm

## Deviation histogram

Points



## Scan '88'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

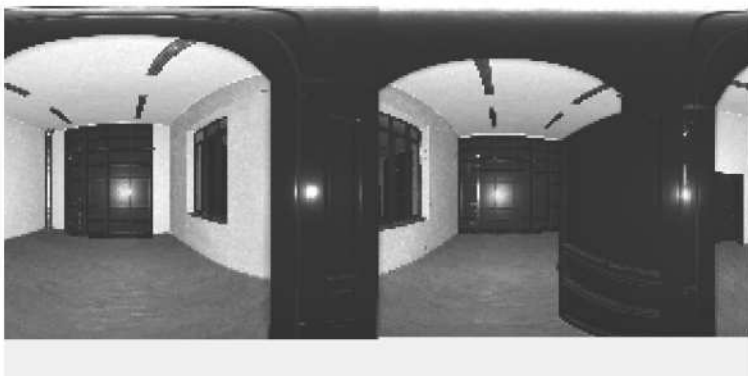
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -ctrl 'Z+F IMAGER 5016' -memorize 1 -file '88' -scenarios '88' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h-quality default -fcom '0' -do '101'-rtom! '20'-Ho1 '340'
```

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010125 bar 26.0458 m  
nav translation: -0.8609 m 2.5687 m 25.8447 m accuracies: 6.4666 m 6.4666 m 0.0001 m  
nav rotation: 0.0000 0.0000 82.9075 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.123 0.992 0.000 -82.092  
-0.992 0.123 0.000 47.268  
0.000 0.000 1.000 36.780  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.



# Scan position '89'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

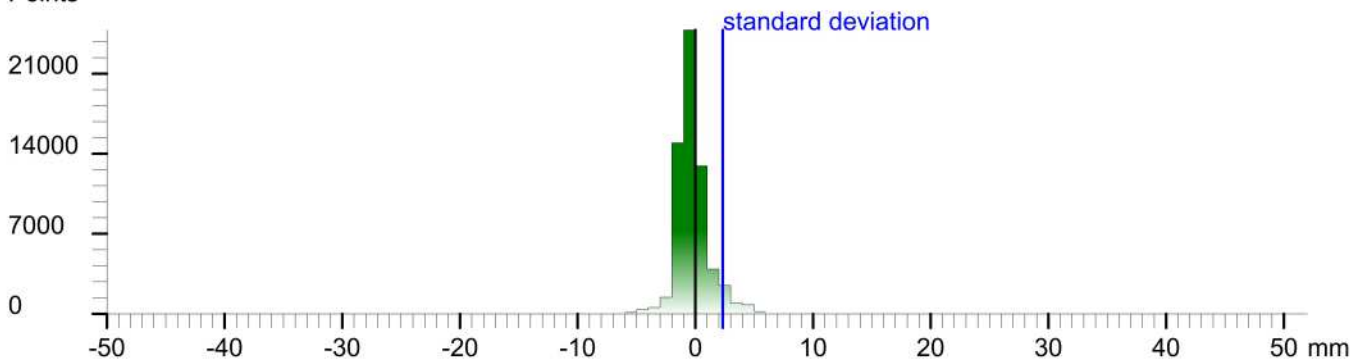
Registration matrix:

```
0.084481 -0.996414 -0.004668 -33.5756 m
0.996426 0.084482 0.000241 23.3685 m
0.000153 -0.004672 0.999989 1.0656 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.3 mm

## Deviation histogram

Points



## Scan '89'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "89" -scans "89" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast-resolution h-quality default -fcom "0" -do "101" -efcom "20" -Ho1 "340"
Sensor
sensors: 3096 'barometer translation rotation'
Barometer: 1.010121 bar 26.0796 m
nav translation: 0.7629 m -5.1080 m 25.9948 m accuracies: 7.7263 m 7.7263 m 0.0000 m
nav rotation: 0.0000 0.0000 286.4334 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
0.283 -0.959 0.000 -81.329
0.959 0.283 0.000 42.160
0.000 0.000 1.000 36.930
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '9'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

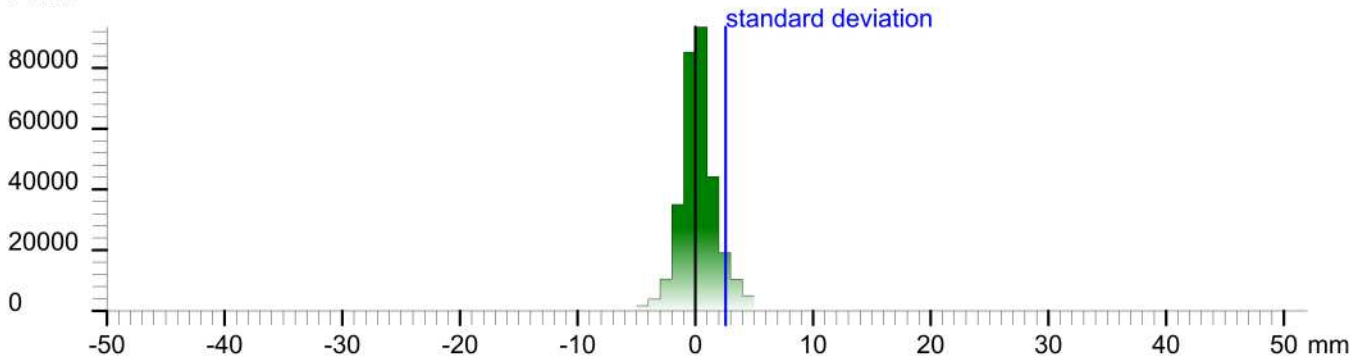
Registration matrix:

```
-0.259692 -0.965691 -0.001476 -7.9364 m
0.965691 -0.259693 0.000832 41.7419 m
-0.001186 -0.001209 0.999999 -0.7271 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.6 mm

## Deviation histogram

Points



## Scan '9'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -cli "RCSense 9.0.3" -memorize 1 -file "9" -scanpos "9" -path "Biblioteca Virgil Catalanopol 2" -project "Biblioteca Virgil Catalanopol 2" -projectTemplate "" -compensator-nav -temperature "20" -camera "3-cam" -panoramaparams fast -resolution h -quality default -from "0" -to "101" -from1 "0" -to1 "340"
Sensor
sensors: 3100 " barometer translation rotation gps"
Barometer: 1.014155 bar -7.52966 m
nav translation: -1.5372 m 5.2260 m -8.2042 m accuracies: 7.8467 m 7.8467 m 0.0001 m
nav rotation: 0.0000 0.0000 254.0304 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110855 long:24.349161 satellites:5 height:145.5m hdop:3.3 vdop:3.1m hacc:13.0m vacc:17.0 flags:G3 'stand alone 3D solution'
north:4887602.357 m east:287865.002 m zone:35T
Initial pre position (3:outdoor)
-0.275 -0.961 0.000 4.354
0.961 -0.275 0.000 28.475
0.000 0.000 1.000 2.731
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '90'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

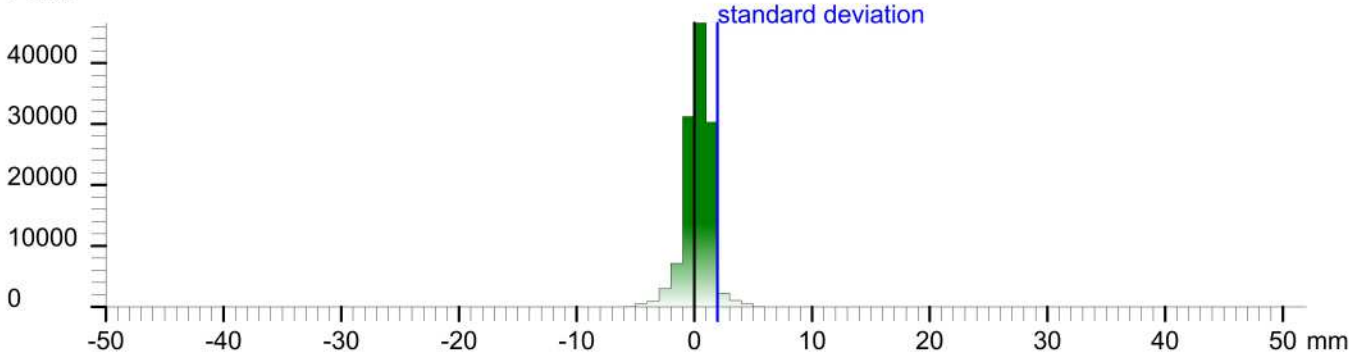
Registration matrix:

```
-0.185629 -0.982609 -0.004557 -32.7397 m
0.982620 -0.185633 0.000705 25.6287 m
-0.001539 -0.004346 0.999989 1.0804 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram

Points



## Scan '90'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

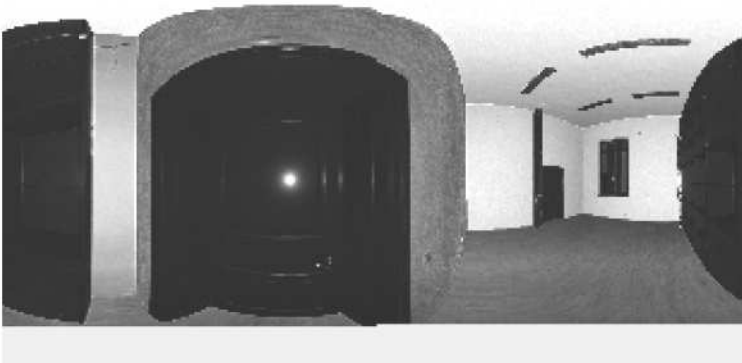
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "90" -scans "90" -path "Biblioteca Virgil Caranopol 2" -project "Biblioteca Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1" -cam -panoramaparams fast -resolution h -quality default -ifrom "0" -to "180" -ifrom "0" -to "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.010039 bar 26.7641 m  
nav translation: 1.8779 m 0.0843 m 26.0745 m accuracies: 6.0557 m 6.0557 m 0.0001 m  
nav rotation: 0.0000 0.0000 270.0635 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
0.001 -1.000 0.000 -79.451  
1.000 0.001 0.000 42.244  
0.000 0.000 1.000 37.010  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '92'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

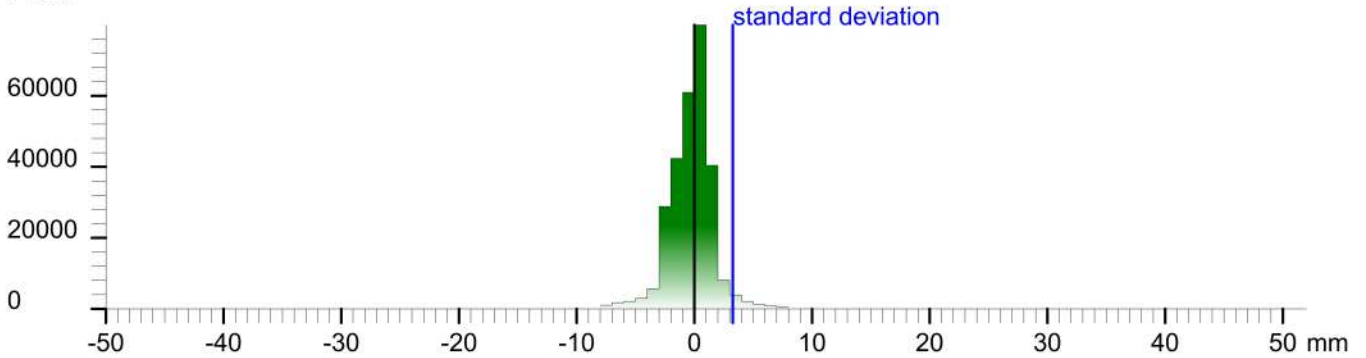
Registration matrix:

```
-0.347565  0.937654  -0.001499  -18.3036 m
-0.937657  -0.347566  -0.000065  29.1743 m
-0.000581  0.001382   0.999999   -1.2613 m
0.000000   0.000000   0.000000   1.0000
```

Result registration cloud to cloud standard deviation:3.3 mm

## Deviation histogram

Points



## Scan '92'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "92" -scanspot "92" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Hot1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.002189 bar 92.495 m
nav translation: 0.0000 m 0.0000 m 92.6458 m accuracies: 5.1000 m 5.1000 m 0.0000 m
nav rotation: 0.0000 0.0000 120.1898 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110611 long:24.349031 satellites:4 height:178.3m hdop:1.8 vdop:1.0m hacc:12.0m vacc:12.4 flags:G2 'stand alone 2D solution'
north:4887575.574 m east:287853.748 m zone:35T
Initial pre position (3:outdoor)
-0.503 0.864 0.000 -24.215
-0.864 -0.503 0.000 2.481
0.000 0.000 1.000 103.581
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '93'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

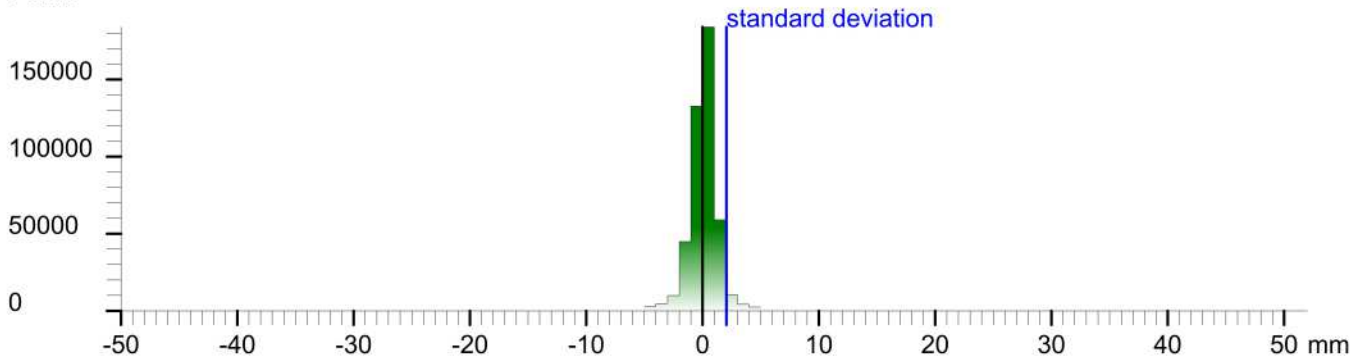
Registration matrix:

```
-0.269584  0.962976  -0.001340  -21.3595 m
-0.962978  -0.269584  0.000008  25.3589 m
-0.000353  0.001292  0.999999   -1.2715 m
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation:2.0 mm

## Deviation histogram

Points



## Scan '93'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 5016" -memorize 1 -file "93" -scanset "93" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom "20" -Ho1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.002251 bar 91.9693 m
nav translation: 0.0093 m -0.4589 m 92.3443 m accuracies: 5.3350 m 5.3350 m 0.0000 m
nav rotation: 0.0000 0.0000 125.4199 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110573 long:24.349108 satellites:4 height:210.3m hdop:1.7 vdop:1.0m hacc:14.0m vacc:8.4 flags:G2 'stand alone 2D solution'
north:4887571.140 m east:287859.717 m zone:35T
Initial pre position (3:outdoor)
-0.580 0.815 0.000 -18.189
-0.815 -0.580 0.000 -1.938
0.000 0.000 1.000 103.279
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '94'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

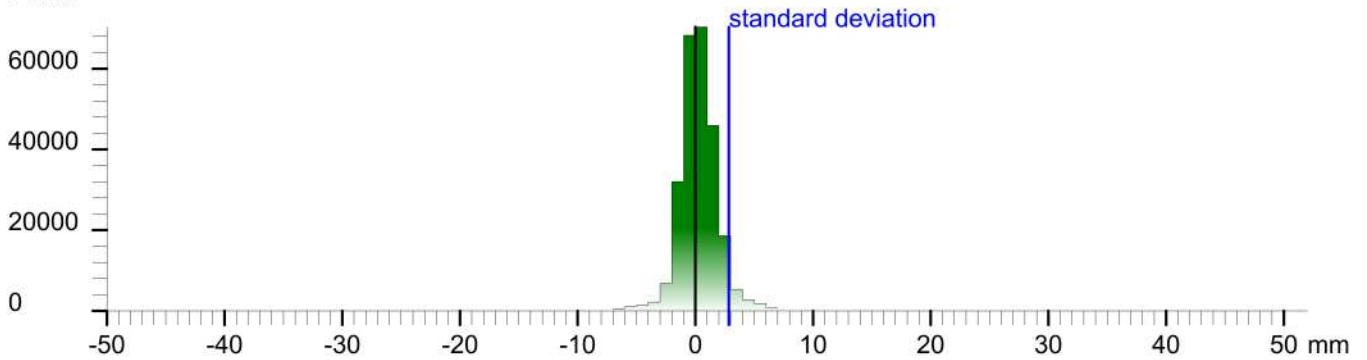
Registration matrix:

```
-0.398038 -0.917368 -0.001516 -11.1453 m
0.917370 -0.398038 -0.000372 26.9995 m
-0.000263 -0.001538 0.999999 1.0923 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 2.8 mm

## Deviation histogram

Points



## Scan '94'

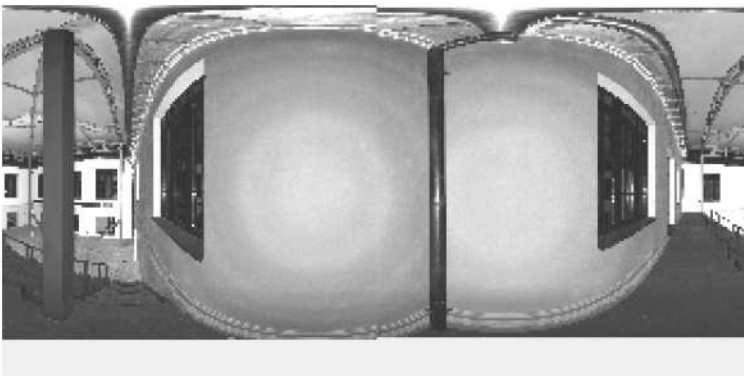
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: c:\1_RCSense 9.0.3\memorize 1-4\14 '94' -scaprio '94' -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Ho1 "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.001974 bar 94.3004 m
nav translation: 5.5532 m -8.3826 m 94.4808 m accuracies: 10.1430 m 10.1430 m 0.0001 m
nav rotation: 0.0000 0.0000 255.1229 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110928 long:24.348513 satellites:3 height:199.6m hdop:3.0 vdop:1.0m hacc:10.2m vacc:9.9 flags:G2 'stand alone 2D solution'
north:4887612.080 m east:287813.363 m zone:35T
Initial pre position (0:indoor)
-0.257 -0.966 0.000 -12.636
0.966 -0.257 0.000 -10.321
0.000 0.000 1.000 105.416
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '95'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

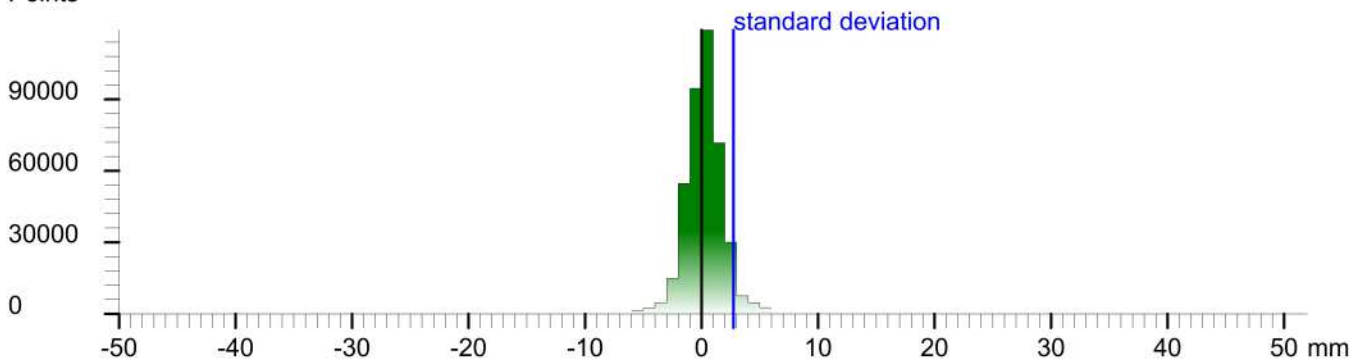
Registration matrix:

```
-0.421661 -0.906752 -0.001959 -14.5205 m
0.906755 -0.421661 -0.000364 23.0465 m
-0.000496 -0.001929 0.999998 1.0917 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:2.7 mm

## Deviation histogram

Points



## Scan '95'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -crl "RCSense 9.0.3" -memorize 1 -file "95" -scaprio "95" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "i-cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -efcom "20" -Hot "340"
Sensor
sensors: 3100 ' barometer translation rotation gps'
Barometer: 1.001924 bar 94.718 m
nav translation: -2.7203 m -1.2924 m 94.2828 m accuracies: 6.6312 m 6.6312 m 0.0002 m
nav rotation: 0.0000 0.0000 258.1541 accuracies: 0.0000 0.0000 15.0000
upside-down: no
GPS lat:44.110687 long:24.349018 satellites:4 height:152.5m hdop:5.2 vdop:6.3m hacc:16.0m vacc:15.0 flags:G3 'stand alone 3D solution'
north:4887584.082 m east:287852.953 m zone:35T
Initial pre position (3:outdoor)
-0.205 -0.979 0.000 -15.356
0.979 -0.205 0.000 -11.613
0.000 0.000 1.000 105.218
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.





# Scan position '96'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

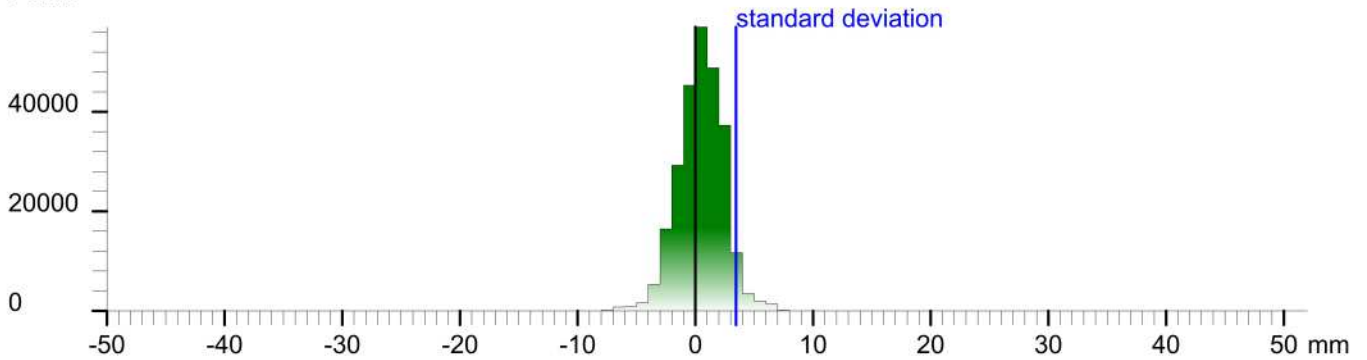
Registration matrix:

```
-0.994854  0.101311  -0.001402  -17.0156 m  
-0.101309  -0.994855  -0.001359  18.7083 m  
-0.001532  -0.001209  0.999998   1.0895 m  
0.000000  0.000000  0.000000   1.0000
```

Result registration cloud to cloud standard deviation:3.5 mm

## Deviation histogram

Points



## Scan '96'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

Scan command: `ctrl "Z+F IMAGER 9.0.3" -memorize 1 -file "96" -scanspot "96" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -rfcom1 "20" -Ho1 "340"`

Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.001823 bar 95.5693 m  
nav translation: -2.6377 m -1.5532 m 94.9250 m accuracies: 6.6453 m 6.6453 m 0.0000 m  
nav rotation: 0.0000 0.0000 178.8628 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-1.000 0.020 0.000 -17.994  
-0.020 -1.000 0.000 -13.166  
0.000 0.000 1.000 105.860  
0.000 0.000 0.000 1.000

Level system info: dynamic compensator available.





# Scan position '97'

Scan position is member of group(s):

Status registration '[102h] registered with cloud to cloud'

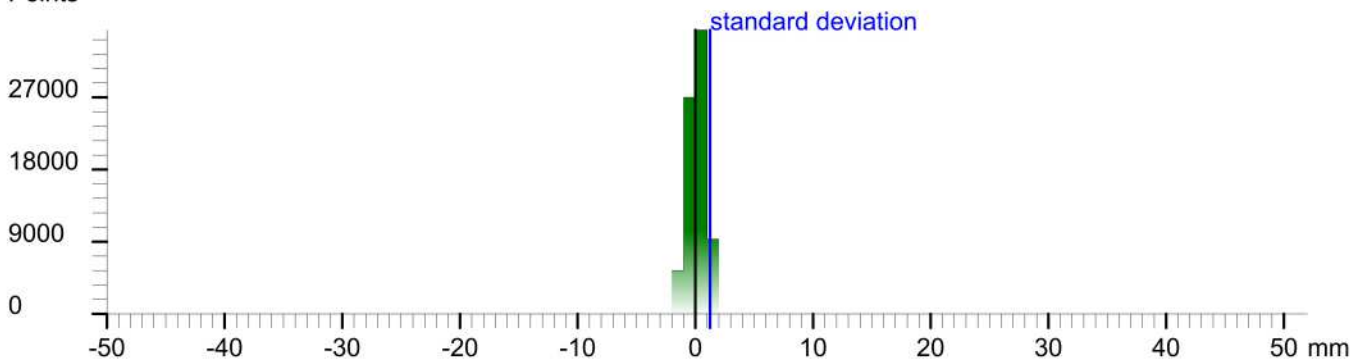
Registration matrix:

```
-0.958407 -0.285392 -0.002434 -32.5768 m
0.285393 -0.958411 0.000127 27.7817 m
-0.002369 -0.000572 0.999997 1.1524 m
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation: 1.2 mm

## Deviation histogram

Points



## Scan '97'

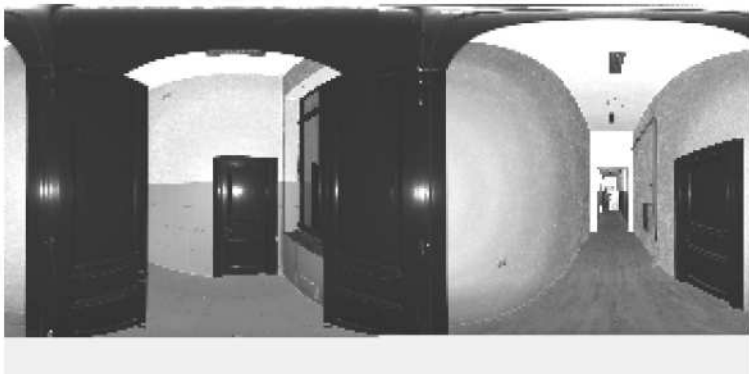
Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0

Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -crl "Z+F IMAGER 9.0.3" -memorize 1 -file "97" -scans "97" -path "Biblioteka Virgil Caranopol 2" -project "Biblioteka Virgil Caranopol 2" -projectTemplate "" -compensator -nav -temperature "20" -camera "1:cam" -panoramaparams fast-resolution h -quality default -fcom "0" -do "101" -efcom! "20" -Ho1 "340"
Sensor
sensors: 3096 "barometer translation rotation"
Barometer: 1.001559 bar 97.7841 m
nav translation: -15.8404 m 0.0532 m 97.1694 m accuracies: 13.1068 m 13.1068 m 0.0000 m
nav rotation: 0.0000 0.0000 202.0121 accuracies: 0.0000 0.0000 15.0000
upside-down: no
Initial pre position (0:indoor)
-0.927 -0.375 0.000 -33.834
0.375 -0.927 0.000 -13.113
0.000 0.000 1.000 108.105
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Scan position '98'

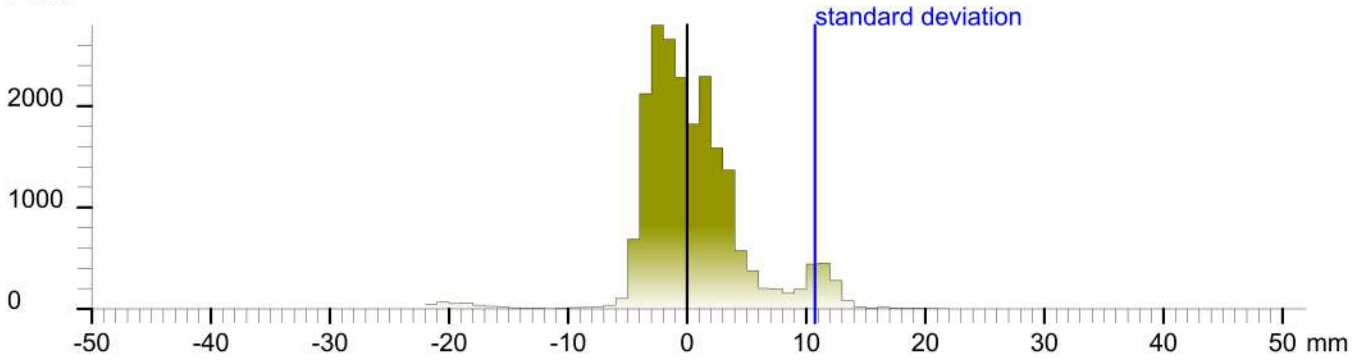
Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.634064 -0.773274 -0.003028 -33.4551 m  
0.773275 -0.634070 0.001592 28.4242 m  
-0.003151 -0.001331 0.999994 1.1565 m  
0.000000 0.000000 0.000000 1.0000
```

Result registration cloud to cloud standard deviation:10.7 mm

## Deviation histogram

Points



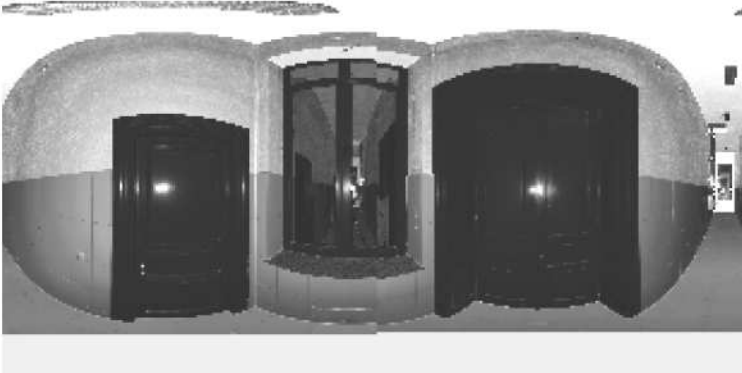
## Scan '98'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

**Metadata**    **Value**  
**comment**  
**operator**

```
Scan command: -ctrl 'Z+F IMAGER 9.0.3' -memorize 1 -file '98' -scans '98' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1:cam' -panoramaparams fast-resolution h -quality default -ifrom '0' -to '101' -ifrom1 '20' -to1 '340'  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.001322 bar 99.7758 m  
nav translation: -1.4667 m 0.7491 m 99.4219 m accuracies: 5.9465 m 5.9465 m 0.0000 m  
nav rotation: 0.0000 0.0000 240.3818 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.494 -0.869 0.000 -35.301  
0.869 -0.494 0.000 -12.364  
0.000 0.000 1.000 110.357  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



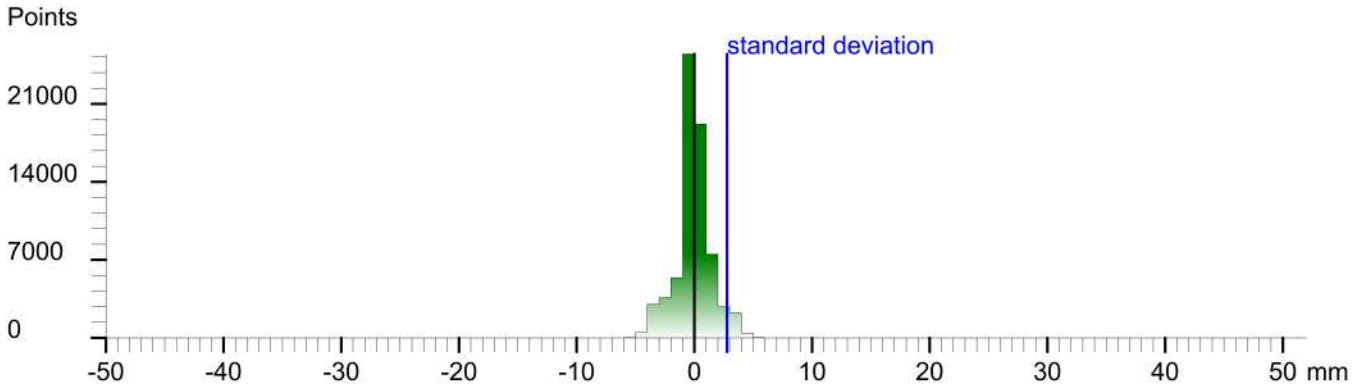
# Scan position '99'

Scan position is member of group(s):  
Status registration '[102h] registered with cloud to cloud'  
Registration matrix:

```
-0.443752  0.896148  -0.001398  -38.1688 m  
-0.896150  -0.443753  0.000701  22.3455 m  
0.000009  0.001564  0.999999  1.1565 m  
0.000000  0.000000  0.000000  1.0000
```

Result registration cloud to cloud standard deviation: 2.8 mm

## Deviation histogram



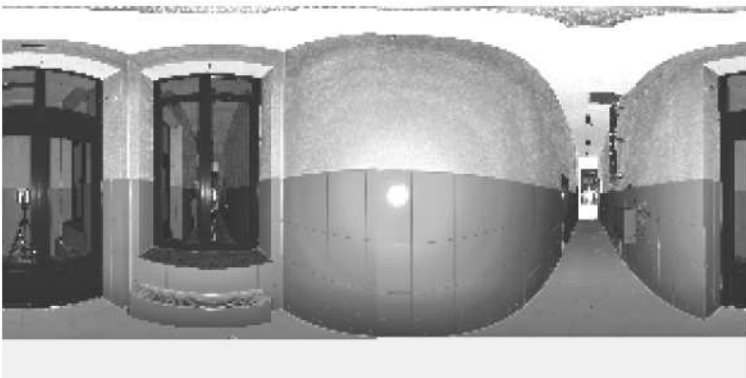
## Scan '99'

Scanner 'Z+F IMAGER 5016' serial number '5016-0100' Firmware 9.0.3.6562-0  
Scan resolution 'High' quality 'Normal'

Metadata	Value
comment	
operator	

```
Scan command: -ctrl '1,RCSEner 9.0.3' -memorize 1 -file '99' -scanspot '99' -path 'Biblioteka Virgil Caranopol 2' -project 'Biblioteka Virgil Caranopol 2' -projectTemplate "" -compensator -nav -temperature '20' -camera '1,cam' -panoramaparams fast-resolution h-quality default -fcom '0' -do '101'-rtcom1 '20'-Hoi1 '340'  
Sensor  
sensors: 3096 ' barometer translation rotation'  
Barometer: 1.001044 bar 102.116 m  
nav translation: -2.9936 m -4.0726 m 101.1490 m accuracies: 7.6540 m 7.6540 m 0.0000 m  
nav rotation: 0.0000 0.0000 117.5104 accuracies: 0.0000 0.0000 15.0000  
upside-down: no  
Initial pre position (0:indoor)  
-0.462 0.887 0.000 -38.295  
-0.887 -0.462 0.000 -16.437  
0.000 0.000 1.000 112.084  
0.000 0.000 0.000 1.000
```

Level system info: dynamic compensator available.



# Labels

No labels stored in project

# Links

No links stored in project



# Summary

Number of scans: **210** used in **210** scan positions

Point clouds: **0**

Scans with color: **0** mapped **0**

Scans with thermal data: **0** mapped **0**

Scans with errors:**1** warnings:**0** messages:**0**

Missed or corrupted scans files: **0**

Scanners used in the project: **5016-0100**

**0** known targets used

**0** targets used in **0** of **210** scan positions

First scan taken at: **3.10.2023 12:18::38** last scan at: **1.11.2023 16:23:43**

Duration: **29d 5h 5min 5sec**