

# Laser Scanner Sensor Beam Calibration

To set the laser scanner sensor beam calibration, go to the Settings tab, then select Lidar Scanning and select the Lidar Calibration option from the drop-down list. Then select the model of your laser scanner.

In the window that opens, you will be able to turn off unnecessary beams or adjust the necessary calibration values.

**Important Note:** Laser scanners manufactured by TOPODRONE are factory calibrated and do not require recalibration during their entire lifetime.

Use	Tilt (deg)	Offset (mm)
0	19.433708	0.175281
1	18.129961	0.175729
2	16.821215	0.173645
3	15.527467	0.171487
4	14.22747	0.169308
5	12.924973	0.167102
6	11.663726	0.166029
7	10.363728	0.161264
8	9.062481	0.160229
9	7.759984	0.161676
10	6.461237	0.159349
11	5.162489	0.158259
12	3.864992	0.155905
13	2.566245	0.154796
14	1.273747	0.153668
15	-0.0325	0.153816

Use - beam number

Tilt (deg) - beam angle in degrees

Offset (mm) - beam offset relative to the sensor in mm.

The number of lidar beams depends on the model of your laser scanner and may vary depending on the type of device.

Revision #2

Created 23 August 2024 07:38:06 by TOPODRONE SUPPORT

Updated 30 October 2024 09:17:02 by TOPODRONE SUPPORT