

Rapid, urban, mobile mapping

The strongest SLAM algorithm on the market, now available with ultra-high definition imagery from the NCTech iStar Pulsar camera.

Technical specification

Range	100m
FOV	360° x 270°
Protection class	IP 54
Processing	Post
Weight	9.25kg
Colourised point cloud	✓
Intensity	✓
Referenced imagery	✓
Scanner points per second	300,000
No. of sensors	16
Automated scanner start	✓
Relative accuracy	Up to 6mm*
Raw data file size	100 - 200MB /min

Camera

Camera dimensions	118 x 118 x 191 mm
Frame Rate	Up to 7fps
Lens	4 x f/2.6 fisheye lenses
FOV	360° x 145° +/- 5°
Casing	CNC Hard Anodised Aluminium
IP Rating	IP 64
Operating Temperature	0 - 40 Celcius



Brand new features:

- ✓ Clip and go technology, take your ZEB Horizon from walking to UAV and now the ZEB Discovery in minutes.
- ✓ Automated workflow for pointcloud and imagery synchronisation.
- ✓ GIS grade GPS for location.



*Environment dependant and when processed in GeoSLAM Connect V2.