

The future of integration is here

LiDAR and high resolution imagery from our first generation ZEB Discovery.

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

Brand new features with the ZEB Discovery:

- 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

Scanner specification

Range	100m
FOV	360° x 270°
Protection class	IP 54
Processing	Post
Weight	9.25kg
Intensity	✓
Referenced imagery	✓
Scanner points per second	300,000
No. of sensors	16
Automated scanner start	✓
Relative accuracy	1-3 cm*
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 deg
Casing	CNC Hard Anodised Aluminium
IP Rating	IP64
Operating Temperature	0 - 40 Celcius

*environment dependent

