



# The ultimate mobile mapping tool

ZEB Horizon is your tool to capture, process and understand the world around you.



## Technical specification

Range	100m
Laser	Class 1 / $\lambda$ 903nm
FOV	360° x 270°
Frequency	100Hz
Protection class	IP 54
Processing	Post
Datalogger carrier	Backpack or shoulder strap
Scanner weight	1.45kg
Datalogger weight (incl. battery)	1.25kg
Colourised point cloud	✓ *
Intensity	✓
Referenced imagery	✓ *
Scanner points per second	300,000
No. of sensors	16
Vertical angular resolution	2°
Horizontal angular resolution	0.38°
Relative accuracy	Up to 6mm**
Raw data file size	100-200MB /minute

\*With ZEB Cam

\*\*When processing data in GeoSLAM Connect V2



- ✓ Import and manipulate data from any GeoSLAM device.
- ✓ Single-operation automated workflows including scan alignment and georeferencing.
- ✓ Organise point clouds into projects for simplified data management.
- ✓ Draw packages - Start, Plan, BIM, Mining and Pro.



- ✓ **ZEB Cam** - For colourised point clouds.
- ✓ **ZEB Pano** - Add 360° panoramic photos to scans.
- ✓ **ZEB Pole** - Elevate your device into ceiling voids.
- ✓ **ZEB Cradle** - Lower your device into shafts.
- ✓ **UAV Mount** - Flexible airborne integration.
- ✓ **Car Mount** - Flexible urban scanning.