

Now
real-time

The ultimate mobile mapping tool

The **ZEB Horizon**, capture and understand the world around you - outdoors, indoors and underground.



Technical specification

Range	100m
Laser	Class 1 / λ 903nm
FOV	360° x 270°
Protection class	IP 54
Processing	Post
Datalogger carrier	Backpack or shoulder strap
Scanner weight	1.45kg
Datalogger weight (incl. battery)	1.4kg
Colourised point cloud	✓ *
Intensity	✓
Real-time processing	✓ **
Scanner points per second	300,000
No. of sensors	16
Vertical angular resolution	2°
Horizontal angular resolution	0.2°
Relative accuracy	Up to 6mm ***
Raw data file size	25 - 50MB / minute



- ✓ Automatic data processing.
- ✓ Single-operation automated workflows including scan alignment and georeferencing.
- ✓ Organise point clouds into projects for simplified data management.
- ✓ Add on Draw software for taking measurements from your data.

ZEB ACCESSORIES

- ✓ **ZEB Vision** - 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.
- ✓ **ZEB Guard** - Greater protection for vertical shafts.
- ✓ **Car Mount** - Flexible urban scanning.
- ✓ **UAV Mount** - Flexible airborne integration.

*With ZEB Vision, purchased separately

**With ZEB Horizon RT, purchased separately

***When processing data in GeoSLAM Connect V2