

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 | 100-200MB /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

**When processing data in GeoSLAM Connect V2

***Purchased separately