

Technical specification

- Class 1 laser
- Wavelength: 905 nm
- Maximum range: 100 m typ. 150 m abs.
- Range resolution: 4 cm
- Absolute accuracy (XY): 0.10 m + 1% x altitude ¹
- Absolute accuracy (Z): 0.10 m + 0.5% x altitude ¹
- Scanner field of view: 100 °
- 80,000 shots per second
- Multi-echo technology: up to 3 echoes per shot
- L1/L2 GPS, RTK-ready

Accessories

- 2 batteries + charger
- WiFi remote control
- Including software to produce geo-referenced point cloud

¹ expected under normal condition of use

Power and Dimensions

- Weight: 2.2 kg battery included
- Autonomy: 2 hours typ.
- Size: L 172mm x W 206mm x H 147mm

Environmental

- Operating temperature: -20 °C to +50 °C

Case studies

	Multicopter	Fixed wing
• Flight altitude AGL (m)	25	75
• Flight speed (km/h)	10	55
• Point density (echos/m ²)	250	12
• Swath (m)	60	180

