



GeoDrone 80

GROUND PENETRATING RADAR

Airborne GPR solution

Technical Specification

MALÅ GeoDrone is the cutting-edge solution for unmanned surveying in hard to reach and dangerous areas. It's based on the latest GPR HDR technology by Guideline Geo.

The MALÅ GeoDrone 80 is an Air-borne GPR unit for efficient field work, designed specifically for data collection in remote, hazardous and in-accessible areas. MALÅ GeoDrone 80 makes it possible to effectively collect GPR data in a variety of difficult environments, such as snow-covered ground, rocky and uneven terrain, across rivers and in avalanche-prone areas.

MALÅ GeoDrone 80 Features

- Using our unique MALÅ HDR GPR technology
- Support all standard drones with adequate lift power (>3,7 kg / 8 lb 2 oz)
- Optimized for specific critical application areas
- Wireless real-time monitoring compatible with other MALÅ GX solutions
- Suitable for automated drone surveying

Technical Specification

Core Technology:	MALÅ HDR GPR
Dimension excl. drone:	W580 x L1040 x H240 mm (W23" x L41" x H9½")
Antenna separation:	530 mm (21")
Antenna weight incl. 2 batteries:	3.72 kg (8 lb 2 oz)
Antenna weight excl. 2 batteries:	2.82 kg (6 lb 2 oz)
Battery weight:	0.46 kg (1 lb)
Operating time:	3+ hours (full battery capacity)
Antenna Frequencies:	80 MHz
Communication:	Complies with IEEE802.11 b/g/n
Time window:	3100 ns
Built-in positioning:	GNSS (SBAS), PPS Sync.
Acq. Mode	Time or MALÅ Motion Trig – trigger the signal using the internal GPS.

Responsibility & liability

The purchaser must investigate and adhere to the current laws, regulations (e.g. ETSI, FCC) and any required permissions related to the use of airborne GPR in the relevant location of use. Guideline Geo accepts no responsibility nor liability in regards to the above.



GUIDELINEGEO

GUIDELINE GEO has been in the geophysics business since 1923 and is the global leader in near-surface geotechnology. Our advanced technology ensures practical solutions to everyday, societal, and global problems. We deliver total solutions in the technological fields of ground penetrating radar, seismic, geoelectrical and electromagnetic measurement. The Guideline Geo AB share (GGEO) is listed on Nasdaq First North Growth Market. We are a Swedish company with international offices and regional partners serving clients in over 100 countries.

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