

MALÅ GeoDrone 80

GROUND PENETRATING RADAR

Guideline Geo's 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 (>3,5 kg)
- Optimized for specific critical application areas
- Wireless real-time monitoring compatible with other MALÅ GX solutions
- Suitable for automated drone surveying

Technical Specification

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| 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: | 3.23 kg (7 lb 2 oz) |
| Antenna weight excl. 2 batteries: | 2.31 kg (5 lb 1 oz) |
| Battery weight: | 0.46 kg (1 lb) |
| Operating time: | Up to 1 hour |
| Antenna Frequencies: | 80 MHz |
| Communication: | Complies with IEEE802.11 b/g/n |
| Built-in positioning: | DGPS (SBAS) |



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.

ABEM | MALÅ *Part of the Guideline Geo success story*

Guideline Geo is a world leader in geophysics offering sensors, software, services and support necessary to map and visualize the subsurface. Guideline Geo operates in four international market areas: Infrastructure – examination at start-up and maintenance of infrastructure, Environment – survey of environmental risks and geological hazards, Water – mapping and survey of water supplies and Minerals – efficient exploration. Our offices and regional partners serve clients in 121 countries. The Guideline Geo AB share (GGEO) is listed on NGM Equity.