

# GeoDrone 80

## GROUND PENETRATING RADAR

Airborne GPR Solution

## Technical Specification

The 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.

The GeoDrone 80 is an Airborne GPR unit for efficient field work, designed specifically for data collection in remote, hazardous and in-accessible areas. The 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.

## GeoDrone 80 Features

- Using the 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

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. The manufacturer and Terraplus Inc. accept no responsibility nor liability in regards to the above.

