MALÅ
by Guideline Geo

Technical Specification

MALÅ Easy Locator Core



MALÅ Easy Locator Core is a state of the art, high quality, intelligent ground penetrating radar for utility locating professionals.

MALÅ Easy Locator Core includes real-time interpretation support through MALÅ AI; wireless data collection using mobile devices; cloud storage, post-processing and on-site reporting using MALÅ Vision.

General



Acquisition platform	MALÅ Controller App
Processing platform	MALÅ Vision
Recommended tablet	Samsung Galaxy Tab Active Pro
Artificial Intelligence	Real-time MALÅ AI
Core technology	MALÅ HDR real-time sampling
Data output	32 bit
Operating time	> 8 h
Dimensions (in operation)	102 x 49 x 79 cm (40 x 19 x 31")
Dimensions (folded)	29 x 49 x 49 cm (11.4 x 19 x 19")
Weight (in operation, excl. tablet)	15 kg (33lbs)
Maximum survey speed	> Highway speed
Environmental	IP65
Positioning	RTK GNSS (option), DGNSS, mobile device positioning, encoder, total station support
Acquisition mode	Encoder wheel, time or manual
Antenna center frequency	450 MHz
SNR (signal to noise ratio)	> 102 dB
Bandwidth	> 121 %, fractional, -10 dB
Power supply	Dual interchangeable 12 V Li-Ion, external 12 V DC source
Rough terrain capability	MALÅ Rough Terrain Cart Mini (option)

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