

GUIDELINEGEO

MALÅ Easy Locator Pro WideRange HDR

GROUND PENETRATING RADAR

The professional's choice for utility mapping

Now introducing a unique addition to the EL product family – MALÅ EL Pro WideRange HDR, with the widest GPR antenna bandwidth available for utility detection, on the market. Ultra-fast simultaneous high-resolution data acquisition for both shallow and deep targets – all in one solution.

The new cart has improved stability and folding mechanics. In conjunction with alternative wheel options, new controller tray, battery compartment with more battery space and a better lock, the utility locating becomes more efficient. In conjunction with the EL Pro WideRange HDR, Object Mapper 2.0, is released with improved user interface and online map support.

MALÅ Easy Locators are robust, foldable GPR-systems with exceptional data collection capabilities for utility detection and subsurface anomaly locating. The MALÅ HDR real-time sampling technology means higher data resolution and significantly better depth of penetration compared to traditional GPR technology.

MALÅ EL Pro WideRange HDR Controller

Processor	1.6 GHz Intel Atom
Display	High Resolution 1024 x 768 pixels High contrast – Sunlight-readable
Operating system	Linux
Memory	8 GB compact Flash memory
Data output resolution	32 bit (*.rd7)
Comms	Ethernet, USB, RS232 (serial)
GPS	Built-in GPS in antenna (SBAS), support for external GPS
Power supply	10-15 V DC source
Operating time	Up to 8 hrs
Power consumption	1.3 – 1.8 A (depending on back-light settings)
Dimensions	430 x 360 x 180 mm, including handles
Weight	2.5 kg / 5.5 lbs
Operating temp	-20 °C to +50 °C / 0 °F to 120 °F
Environmental	IP 65



MALÅ EL Pro WideRange Antenna

Technology	MALÅ HDR Technology
Effective bandwidth	80-950 MHz
SNR	> 101 dB
Significant/useful number of bits	> 18 bit
Scans/second	> 500
Operating time	Up to 8 hrs
Positioning	Built-in DGPS (SBAS), external GPS, wheel encoder
Power supply	Interchangeable 12 V Li-Ion batt. or ext. 12 V DC source (hot-swap)
Power consumption	3 A
Acq. Mode	Wheel or manual
Dimensions	720 x 480x 190 (L x W x H)
Weight	10,8 kg / 23.8 lbs
Operating temp	-20 °C to +50 °C / 0 °C to 120 °F
Environmental	IP 65

MALÅ EL Pro Cart Mk2

Dimensions, folded for transport	820 x 640 x 400 (L x W x H)
Dimensions, when in use	1100 x 640 x 1000 (L x W x H)
Weight	13 kg / 28.7 lbs
Battery compartment	Fits four 12 V Li-Ion



Guideline Geo is a world leader in geophysics and geo-technology 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.



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