

Technical Specification

MALÅ Easy Locator Lite

The MALÅ Easy Locator Lite is an easy to operate and cost-effective GPR system. Designed specifically for utility detection.

Ready to use right out of the box, it provides real-time information without the complexity of survey setup, positioning, data storage, or post-processing.

Optimized settings and MALÅ AI interpretation support help operators detect and mark buried utilities quickly, accurately, and confidently.

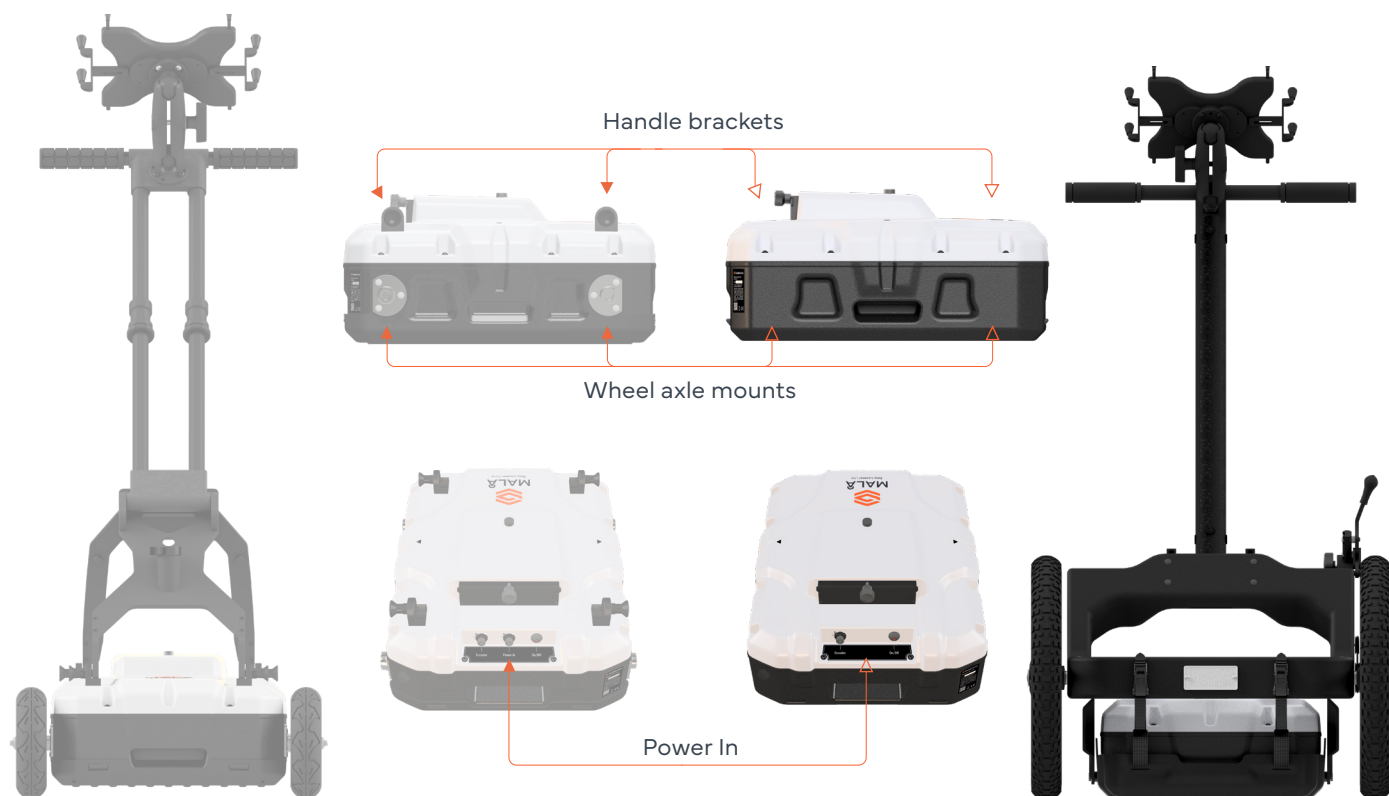
Easy Locator Lite is part of the MALÅ Easy Locator family, which also includes Easy Locator Core for users whose applications call for a more survey-oriented workflow and extended data collection capabilities.



General

Acquisition platform	Lite Controller	
Recommended tablet	Samsung Galaxy Tab Active Pro/Getac ZX-10	
Artificial Intelligence	Real-time MALÅ AI	
Core technology	MALÅ HDR real-time sampling	
Data output	32 bit	
Operating time	> 8 h	
Dimensions (antenna only)	21 x 44 x 37 cm (8.3 x 17.3 x 14.6")	
Dimensions (in the RTC Mini)	105 x 61 x 86 cm (41.3 x 24.2 x 34.1")	
Weight (antenna only, incl. batteries)	5.5 kg (12.1 lbs)	
Weight (in operation, incl. RTC Mini, excl. tablet)	23.7kg (52.2 lbs)	
Environmental	IP65	
Acquisition mode	Encoder wheel	
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 batteries	





Side by Side

Easy Locator Core

MALÅ Controller App

MALÅ Vision

Samsung Galaxy Tab Active Pro 5G/Getac ZX-10

Real-time MALÅ AI

MALÅ HDR real-time sampling

32 bit

> 8 h

102 x 49 x 79 cm (40 x 19 x 31")

29 x 49 x 49 cm (11.4 x 19 x 19")

15 kg (33 lbs)

25.8 kg (56.8 lbs)

IP65

RTK GNSS (option), DGNSS, mobile device positioning, encoder, total station support

Encoder wheel, Time, MALÅ Motion Trig or Manual

450 MHz

> 102 dB

> 121 %, fractional, -10 dB

Dual 12 V Li-Ion, external 12 V DC source

MALÅ Rough Terrain Cart Mini (option)

Acquisition platform

Processing platform

Recommended tablet

Artificial Intelligence

Core technology

Data output

Operating time

Dimensions (in operation)

Dimensions (transport)

Weight (in operation, excl. tablet)

Weight (in operation, incl. RTC Mini, excl. tablet)

Environmental

Positioning

Acquisition mode

Antenna center frequency

SNR (signal to noise ratio)

Bandwidth

Power supply

Rough terrain capability

Easy Locator Lite

Lite Controller

N.A.

Samsung Galaxy Tab Active Pro 5G/Getac ZX-10

Real-time MALÅ AI

MALÅ HDR real-time sampling

32 bit

> 8 h

105 x 61 x 86 cm (41.3 x 24.2 x 34.1")

42 x 88 x 62 cm (16.5 x 34.6 x 24.4")

N.A.

23.7 kg (52.3 lbs)

IP65

N.A.

Encoder wheel

450 MHz

> 102 dB

> 121 %, fractional, -10 dB

Dual 12 V Li-Ion batteries

Always in the RTC mini