



Technical Specification

Power supply: Li-ion battery pack 12V

Operating time: >10h with standard battery pack

Operating temp: -20° to +50°C/ 0° to 120 °F

Environmental: IP67

Dimensions: 310 x 180 x 30 mm/ 12.2 x 7 x 1.2 in

Weight: 1.7 kg/ 3.7 lb

Antennas:

The X3M fully supports a range of shielded antennas (100, 250, 500 & 800 MHz).

See Shielded Antennas sales sheet.

¹Running the GroundVision data acquisition software

System Configuration

Depending on the application, the X3M system is typically configured as either a pushing or pulling system.

As a pushing system the X3M control unit is connected to either a 250, 500 or 800 MHz antennas, which is mounted into the Rough Terrain Cart.

As a pulling system, a measuring wheel is fitted to the mounting block on the back of the shielded antenna and then the antenna with X3M control unit fitted is pulled across the survey areas by means of a handle or strap. In this set-up, the user wears the XV Monitor or notebook PC on a shoulder/chest harness/ holder for portability and ease of viewing.



Specific Features

The product's compact size, field rugged design and easy connection to the antenna make this the ideal choice for applications that require the dedicated use of shielded antennas.



- Operates with shielded antennas (100, 250, 500 and 800 MHz)
- Built-in electronics
- High-speed communications (Ethernet) with XV Monitor/notebook PC¹
- Compact, lightweight, portable and field rugged design IP67
- Auto stacking for highest data quality and optimized speed performance
- Low power consumption for extended operation

Main Applications

As the X3M is compatible with a range of shielded antennas, the application spectrum is very broad, covering such areas as:

- Archeology
- Civil Engineering
- Environmental
- Geological
- Snow Measurements
- Road & Transportation
- Utility Detection & Mapping