

U Underground Magnetics
simple. powerful. affordable.

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NEW! SOLID CORE 3D ANTENNA CLUSTER
» Double the Range for the Sub-kHz Frequencies

ECHO 75XF TRANSMITTER

Three Power Levels

- » Low: 114 Feet / 100 Hours
- » Medium: 180 Feet / 60 Hours
- » High: 278 Feet / 11 Hours

MAGX
PRO

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MAG X PRO SPECIFICATIONS

Receiver

System	Mag X PRO
System Frequency	16 Frequencies, .325kHz - 41kHz
Compatible Transmitter	Echo X-Mini / Echo 50 / Echo 50XF / Echo 60 / Echo 75XF / Echo 70 / Echo 90 / Echo 110
Temperature Range	-20°C to 60°C (-4°F to 140°F)
Radio Frequency	867 MHz
Telemetry	4 Radio Channels with range up to 1800m (6,000 ft)
Power	Rechargeable Lithium battery 12.5V
Battery Life	Up to 50 hours
Dimensions	73.5 cm x 23 cm x 33 cm (29" x 9" x 13")
Weight	3.85 kg (8.5 lbs.)
Waterproof	IP65

*Recommend Yagi Antenna for Extended Telemetry Range

Housing Suitability Check

For Echo 50XF / Echo 70 / Echo 75XF / Echo 90 / Echo 110

V. ANT (Transmitter Antenna Voltage) P. ANT (Transmitter Antenna Voltage)

Normal Range	95% - 105%	Low Power Mode	120mW - 150mW
		Normal Power Mode	300mW - 500mW
		High Power Mode	1200mW - 2000mW

Note: Place the transmitter inside the housing for Suitability Check

Display

Display	7-inch Color Touch Screen Android Operating System
Data-log	Built-in
Temperature Range	-20°C to 60°C (-4°F to 140°F)
Radio Frequency	867 MHz
Telemetry	4 Radio Channels with range up to 1800m (6,000 ft)
Power	Rechargeable Lithium battery 12.5V
Battery Life	Up to 50 hours
Dimensions	19 cm x 13 cm x 19 cm (7.5" x 5.1" x 7.5")
Weight	1.5 kg (3.3 lbs.)
Waterproof	IP65



Transmitter

	Echo X-Mini	Echo 50XF
Frequency	2 Frequencies, 19kHz, 30kHz	16 Frequencies, .325kHz - 41kHz
Battery Type	18650 x 1 Rechargeable Lithium Battery	21700 x 1 Rechargeable Lithium Battery 261020 x 1 Lithium Battery (Super Cell)
Battery Life	18650 (3.7v): 18 Hours - Normal Mode	21700 (4.2v): 30 Hours - Normal Mode 12 Hours - High Power Mode 261020 (3.7v): 60 Hours - Normal Mode 15 Hours - High Power Mode
Depth & Data Range	18m (60 ft) - Normal Mode	40m (131 ft) - Normal Mode 50m (164 ft) - High Power Mode

Dimensions	8" long x 1" diameter	15" long x 1.25" diameter
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Transmitter	Echo 70	Echo 90	Echo 110
Frequency	12 Frequencies, 4kHz - 41kHz	12 Frequencies, 4kHz - 41kHz	12 Frequencies, 4kHz - 41kHz
Battery Type	18650 x 3 Rechargeable Lithium Battery	18650 B2 x 2 Rechargeable Lithium Battery	18650 B2 x 3 Rechargeable Lithium Battery
Battery Life	18650 (3.7v): 60 Hours - Normal Mode 15 Hours - High Power Mode	18650 B2 (3.7v): 80 Hours - Normal Mode 20 Hours - High Power Mode	18650 B2 (3.7v): 120 Hours - Normal Mode 30 Hours - High Power Mode
Depth & Data Range	50m (164 ft) - Normal Mode 70m (230 ft) - High Power Mode	70m (230 ft) - Normal Mode 90m (295 ft) - High Power Mode	90m (295 ft) - Normal Mode 110m (361 ft) - High Power Mode
Dimensions	15.9" long x 1.42" diameter	18" long x 1.42" diameter	24" long x 1.42" diameter

Note: All data range and battery life are under standard test conditions when used with standard equipment & Accessories.

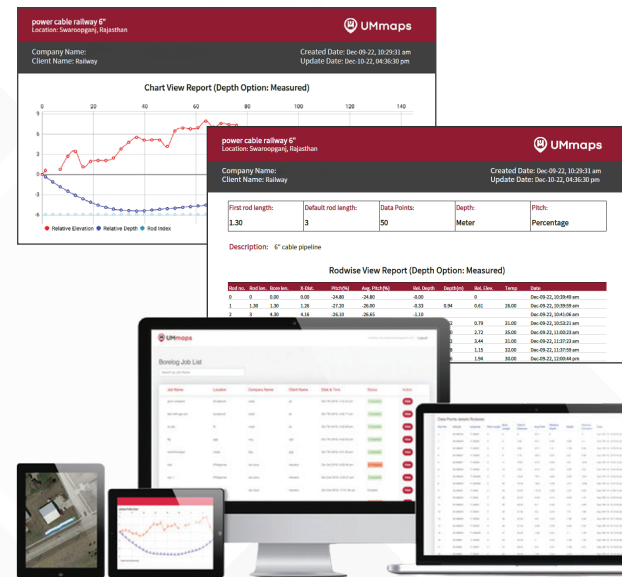
DRILLING MANAGEMENT REAL TIME BORE LOGGER



Automated Bore Log Data

- » One-Touch Logging integrated into the Mag X Display
- » Automatically record rod-by-rod data (roll, pitch, & depth)
- » Review rod-wise and chart views
- » Add and edit utility crossing
- » Monitor projects in real time
- » Generate & Share reports from UMmaps or Mag X Display

*Note: Data services required on cell phone.



UMmaps For details login to ummaps.com