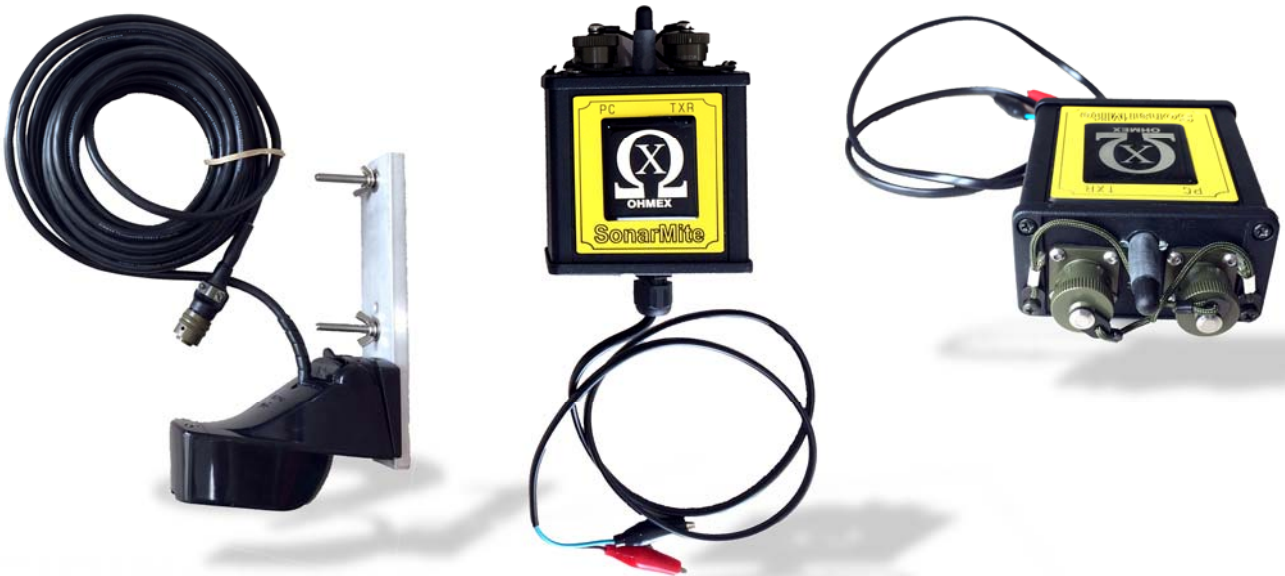


## SONAR MITE BTX OEM PORTABLE BLUETOOTH ECHO SOUNDER



# SONAR MITE BTX OEM PORTABLE BLUETOOTH ECHO SOUNDER

The SonarMite Echo Sounder was the result of nearly two years research and development to further extend the boundaries of shallow water hydrographic surveying equipment. The introduction by Ohmex of the SonarMite, the worlds first truly portable echo sounder system, has been a hard act to follow and it remains the portable instrument of choice in many survey companies around the world. The release of the SonarMite MTX/BTX instrument marks the next stage introducing a series of equipment designed around the WinSTRUMENT concept using the latest portable computers integrated with new measurement technologies.

Throughout the Hydrographic world the term 'Black Box' has become a euphemism for a device that has a minimal user interface and normally requires connection to a PC to be of any use ! In most cases these boxes are a cut down version of a more conventional instrument without all the features of the full system. The SonarMite extends this idea of a rugged design and minimalist interface to produce a 'Blue Box' system where the user interface is provided by integrated software running on a portable computer connected via a Bluetooth link. The use of wireless technology enables the instrument to be waterproof and used in a hostile environment while the more sensitive computer features can be located in a more user friendly environment up to 50 m away from the instrument.

## Technical Specifications

Transducer Frequency	235 Khz Active Transducer
Beam Spread	8 to 10 Degrees
Depth Range	0.30 m to 75.00 m (Software limited)
Accuracy	+/-0.025 m(RMS)
Sound Velocity Range	1400 to 1600 m/sec
Data Output Range	2 Hz
Ultrasonic Ping Range	3 to 6 Hz (Depth dependent)
Power Input	9-24 v
Power Consumption	70 ma to 120 ma (temp. dependent)
Data Format	RS232 / Bluetooth
Operating Temperature	0 to 45 degree
Overall Dimentions	100w x 220h x 45d (mm)
Weight	0.75 Kg
Transducer	Airmar P66 or DT800



**235KHz and 200/30KHz Transducers**

