

HyFi™

Long Range Hydrographic Data Telemetry System

Seafloor™



HyDrone™ equipped with HyFi™

Real-time survey monitoring onshore

The **HyFi™** long range hydrographic telemetry system is an RF telemetry package, utilizing the 802.11g WiFi standard for long range telemetry of hydrographic survey data from a moving vessel to a shore-based computer. The typical application for the HyFi™ system is to transmit serial data from devices such as GPS and echosounder sensors from an unmanned surface vessel to a shore-based PC for real-time monitoring and data acquisition.

BENEFITS

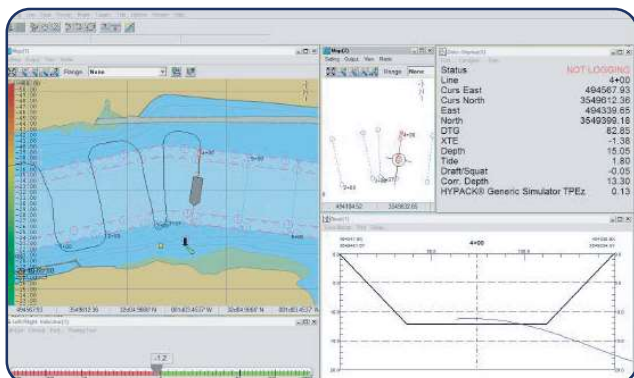
- ▶ Enables real-time monitoring of survey
- ▶ Long-range (up to 2 km)
- ▶ Data logged to shoreside PC
- ▶ Self-contained
- ▶ Compatible with any USV or manned vessel

SPECIFICATIONS

- Number of Serial Ports 2
- Range 100m (Standard) 1-2km (Long-range)
- Communications 802.11g WiFi
- Environmental IP 67
- Size 10 x 6.5 x 4 in / 260 x 180 x 100 mm
- Weight 6 lbs / 2.7 kg



HyFi™ scope of supply



Hyback Survey on shore in real-time receiving depth and position



Option to Integrate into AutoNav System

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