Rx-LIVE Cabled Receiver

Provides real-time communication between researcher and receiver to enable remote status monitoring and data upload of deployed receivers

The Rx-LIVE Cabled Receiver enables researchers to have a permanent, real-time communication path to the receiver allowing them to easily monitor the health status of the receivers deployed in the field and to upload data at any time.

Developed as a replacement for the VR2C Cabled Receiver, the Rx-LIVE Cabled Receiver offers significant advantages over the VR2C including a smaller form factor design, improved diagnostic information, and detection of multiple frequencies for use with 69 kHz coded tags and aquaMeasure environmental sensors.

Applications

The Rx-LIVE Cabled Receiver is ideally suited for locations where cables are logistically possible such as bridges and flood control structures. It can also be attached to mobile vehicles such as gliders and AUVs.

Features

- Digital receiver supporting multiple frequencies around 69 kHz
- Ideal for remote or real-time communications
- External communication via RS485 cable
- Powered externally for extended field deployment (years)
- Field upgradable via the interface cable communication link
- Multiple receivers can be linked to a single cable in a “daisy chain” configuration
- Supports up to 1200 m of cable - RS485 compatible
- Can be connected to a cell modem or other communication system for real-time and/or remote data access
- Detects all 69 kHz coded tags and aquaMeasure environmental sensors

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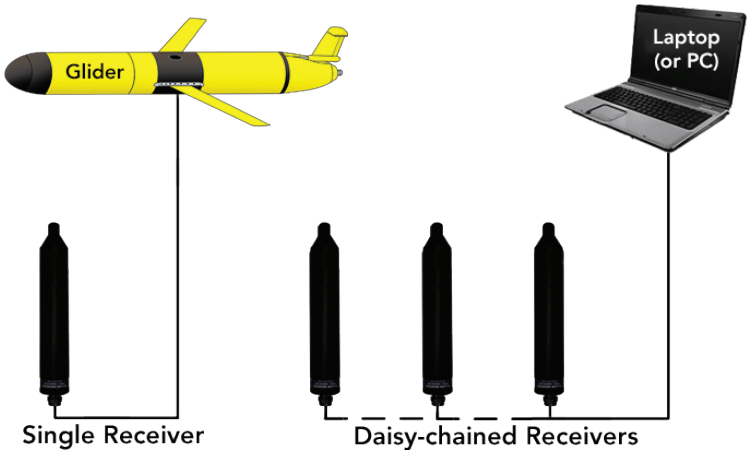
Pair With

The Rx-LIVE is used as a system with:

- All 69 kHz Coded Tags
- aquaMeasure Environmental Sensors

Sample Configurations



PRODUCT SPECIFICATIONS

Frequency
51 kHz - 81 kHz

Depth
500 m

Dimensions
51 mm diameter x 327 mm length plus cable

Storage
40,000,000 detections

Power Supply
DC 10 - 24 V

Temperature Sensor
Embedded temperature sensor in head (typical accuracy +/- 0.5°C)

Operating Temperature
-5°C to +40 °C (Note: Water in which receiver is deployed must not freeze.)

Ready to Get Started? Contact us today.

About Innovasea
Innovasea designs the world's most technologically advanced aquatic solutions for fish tracking and builds them to withstand the toughest conditions. It's all driven by a commitment to make our ocean and freshwater ecosystems sustainable for future generations. Today. Tomorrow. For life.

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