
RFR Receiver & MiniPod Receiver Software

Key features

- Real time positioning data
- No cables required for MiniPod to vessel
- RTK corrections for up to 0.08m accuracy
- Secure radio transmission for up to 4 x MiniPods operating at 10Hz
- Ethernet transmission compatibility

Applications

- Seismic streamer head and tail positioning
- Seismic source positioning
- Ideal for subsea excavation vehicles (jetting & trenching), and surface positioning of towed sensors such as magnetometers, operating in shallow waters

RFR Receiver & Software Overview

The RFR Receiver and software package provides and manages the real time data link between the MiniPod and the vessel.

The system is straightforward to deploy and configure, and can be connected to any PC. Utilising Ethernet or other communication ports on a PC, the positioning data can be easily integrated into other equipment and survey packages.

The RFR provides functionality to transmit differential corrections to each MiniPod to improve GNSS performance.

The receiver box is small and lightweight, and with the addition of a directional antenna, the 101G-EXT or 101GA-EXT, data can be received up to a 2km range.

Technical Specification

SPECIFICATION – PART NUMBER: RFR-101G

Dimensions	134mm x 129mm x 38mm
Compatibility	Up to 4 x MiniPod operating at 10Hz (101G and 103G supported)

PC REQUIREMENTS

OS	Windows 7, Windows 10
Ports	1 x USB, 1 x Data out port (Ethernet or Serial)