

Trimble GPS Pathfinder ProXRT Receiver

Trimble has introduced the Trimble GPS Pathfinder ProXRT receiver, a versatile decimetre receiver combining dual-frequency GPS with Trimble H-Star technology, along with optional OmniSTAR and GLONASS support. In addition, the GPS Pathfinder ProXRT receiver is now capable of tracking Galileo test satellites for signal evaluation and test purposes.

The GPS Pathfinder ProXRT receiver brings H-Star technology to the field in real time; just connect to a VRS network or a local base station correction source and collect decimetre (10 cm / 4 inch) or subfoot (<30 cm) positions in the field. If a VRS network or a local base station is not available, real-time decimetre accuracy can be achieved with the OmniSTAR HP option. The GPS Pathfinder ProXRT receiver is also capable of using the OmniSTAR XP service (for 20 cm accuracy) and OmniSTAR VBS service (for submetre accuracy).

The GLONASS option for the GPS Pathfinder ProXRT receiver increases the number of GNSS satellites visible when working in the field. As a result, GLONASS improves the ability to maintain lock on enough satellites to keep working when sky visibility becomes limited or obstructed, and can also improve productivity by reducing the time required to achieve real-time or post-processed decimetre accuracy. G2, an optional service to OmniSTAR HP that provides GLONASS corrections, can also be used with the GPS Pathfinder ProXRT receiver with the GLONASS option.

The GPS Pathfinder ProXRT receiver includes the latest generation of Trimble 360 receiver technology and is capable of tracking the Galileo GIOVE-A and GIOVE-B test satellites for signal evaluation and test purposes, through the Web Browser interface available with the NMEA optional upgrade. This powerful receiver technology conforms to the current Open Service Signals-in-Space Interface Control Document (OS SIS ICD), Issue 1, Revision1, September 2010.

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