DATASHEET

Trimble R750

GNSS Modular Receiver

Connected Receiver for Precise Jobsite Measurement

Whether you need a reliable GNSS base station or a rugged rover, the Trimble® R750 GNSS Modular Receiver gives you the connectivity, flexibility and scalability to meet the exact needs of your GNSS-based workflow.
As a permanent or semi-permanent base station, it provides GNSS corrections for site measurements and machine control. As a vehicle-mounted rover it can be used for fast, effective grade checking and surface mapping.

The R750 receiver can access all available satellite signals and provides improved performance and reliability in challenging GNSS conditions using constellation-agnostic Trimble ProPoint™ technology. Reliably transfer data from the field to the office to keep everyone on the same page. The modular R750 receiver is available in a range of options to suit your jobsite requirements in a wide variety of civil and marine construction applications. Simply purchase the receiver that you need today, and upgrade as your needs change.

Integrated 4G LTE modem

Integrated radio option for base and rover tasks

Slanted waterproof front panel with a large viewable area

Uses off-the-shelf USB-C power delivery to extend operating time

Rapid daily base station setup with a single button push using Trimble Autobase™ technology

Scan the QR code for a quick and convenient way to connect with your phone

Trimble®

heavyindustry.trimble.com

DATASHEET

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Secure and Easy to Use

The R750 is comprised of an integrated GNSS receiver and radio plus a choice of external antenna. The receiver can be placed in a secure environment such as the job trailer or boat cabin where it is protected from theft and weather. The less expensive antenna can be placed in a location with clear visibility to the sky and maximum radio coverage.

You don't have to be a GNSS expert to use the R750. Integrated 900 MHz license-free radio and Trimble Siteworks Software compatibility make the R750 easy to use, fast to set up and more productive on the job. Autobase technology enables anyone on the jobsite to perform daily base station set up with one button push.

Reduce Downtime and Unnecessary Travel Time and Costs

No need for time-consuming and costly visits to the base station to set up each day or diagnose issues that may arise, particularly for remote or difficult to access locations. You can manage the R750 remotely to monitor its performance, status and configuration. Being able to receive timely notifications when something goes wrong reduces potential downtime and increases productivity.

Improved Accuracy and Connectivity

The R750 base uses Maxwell™ 7 GNSS technology to track all-in-view GNSS constellations and signals, giving you more reliable coverage to keep you up and running.

Experience unmatched rover performance and productivity in challenging environments with Trimble ProPoint™ technology. Its advanced signal filtering and error modeling means better protection against jamming, spoofing and multipath interference for increased accuracy and reliability.

Temporary loss of connection to your primary correction source is now less of a problem with Trimble xFill® and CenterPoint® RTX capabilities, which enable continued use of your rover with Real-Time Kinematic (RTK) precision for up to five minutes after the signal is lost.

Stay connected and update site information in real time. Broadcast RTK corrections from a remote base over the internet using the integrated LTE modem and Trimble Internet Base Station Service (IBSS). Receive RTK corrections directly from Trimble VRS Now or other NTRIP internet correction services.

Flexible Configuration Options

The fully upgradable R750 GNSS modular receiver can be configured in a variety of ways:

- As a precise RTK base station only
- As a precise rover only
- As a flexible precise base or rover with Precision RTK accuracy

Bluetooth® FC CE