

Trimble R580

GNSS Smart Antenna

Precise positioning on a budget

The **Trimble® R580 GNSS Smart Antenna** is a precise GNSS receiver that you can depend on to deliver greater productivity and reliable accuracy in more places. Powered by industry-leading Trimble technology, the R580 is priced as a cost-effective option to add additional receivers to your portfolio or to begin your journey into construction surveying.

More positioning for less

Complete projects faster and produce high-quality work you can be proud of with powerful GNSS technologies. The affordable R580 allows you to increase positioning accuracy across your site and get more done with less people. Increase surveying capabilities across personnel or add GNSS positioning into your workflows without the significant investment.

Trimble performance right out of the box

Get going faster with this easy-to-use receiver that supports all constellations right out of the box. Trust your position no matter where you are working with this integrated solution that can easily go from carrying case to range pole, tripod, t-bar or vehicle in a single click.

Accuracy you can depend on

The R580 harnesses Trimble ProPoint® GNSS technology to provide survey-grade positioning in difficult places where other GNSS systems produce unreliable error estimates. Maintain the quality and integrity of your work with Trimble EVEREST™ Plus, which identifies and removes unwanted multipath signals. Have confidence in challenging GNSS environments such as tree canopy and congested construction sites, and get the results you need.

Included for the first 12 months, Trimble CenterPoint® RTX is a real-time GNSS corrections service available globally via satellite or the internet. It provides RTK-level accuracy at fast convergence times, without the need for a base station or real-time network. Learn more at rtx.trimble.com

GNSS receiver, antenna, radio and battery in one unit

Dependable accuracy down to the centimeter

Integrated long range Bluetooth® and receive-only 450 MHz radio to support a mixed fleet

Configurable Wi-Fi® to ensure regulatory compliance

CenterPoint RTX activated and ready to use



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Support for all constellations

Increase uptime and get greater accuracy in a wide range of environments with the field-proven Trimble Maxwell™ 7 chipset technology, which enables fast processing, anti-spoofing capability, and the ability to track all available GNSS satellite constellations; GPS, GLONASS, BeiDou, Galileo, QZSS and SBAS.

Connected site enabled

The R580 works seamlessly with Trimble Siteworks Software and Trimble data collectors so everyone on the jobsite can use the same data and access the same workflows.

Applications

The R580 enables a wide variety of site measurement tasks, quickly giving grade checkers, construction surveyors, supervisors and forepersons the ability to be more effective in the field. With the R580 and Siteworks you can:

- Determine cut/fill on a range pole, utility vehicle or truck
- Stake out site or road features, utilities, daylight lines and side slopes
- Measure progress and calculate material stockpile volumes
- Carry out as-built measurements, grade checks and thickness checks
- Record features with attributes, pictures and volumes

Using your smartphone, quickly check the health and status of the receiver with the Trimble GNSS Status App. The R580 keeps your crews working, not wasting time with GNSS maintenance.



 Bluetooth® 