Trimble
R580

GNSS SYSTEM

Proven reliable positioning

Depend on the **Trimble® R580 GNSS system** to keep you working with survey precision. Powered by the industry-leading Trimble ProPoint® GNSS engine, the Trimble R580 everyday integrated receiver delivers greater productivity and reliable accuracy in more places.
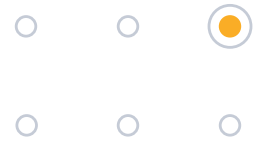
A professional solution for geospatial applications requiring high accuracy survey or GIS workflows, the dependable Trimble R580 provides confidence for every measurement and point captured.

Find out more at:
geospatial.trimble.com/R580

⌖ Trimble®

Trimble R580

GNSS SYSTEM

Access survey-precision positioning accuracy

GNSS precision and speed in more places

- Speed up data collection and survey in more places with the **Trimble ProPoint GNSS** positioning engine that provides improved accuracy and productivity in challenging GNSS conditions—such as near buildings and under canopy.

- Reduce downtime in the field with **Trimble xFill®** technology which delivers continuous RTK coverage during correction outages from an RTK base station or VRS network.

- Use the **Trimble CenterPoint® RTX** corrections service for real-time corrections via satellite or internet without requiring a local base station or VRS network.

Proven technology and results

- Benefit from field-proven **Trimble Maxwell™ 7** chipset technology which enables fast processing, anti-spoofing capability, and the ability to track all available GNSS satellite constellations for survey-precision positions in a wider range of environments.

- Maintain the quality and integrity of your work with **Trimble EVEREST™ Plus**, which identifies and removes unwanted multipath signals.

Trimble R580: A complete Trimble solution

Connect to a Trimble survey controller via wireless Bluetooth® connection and access proven Trimble field and office software workflows.

With the customizable workflows of Trimble Access™ or Trimble TerraFlex® field software, teams can easily collect data and communicate from field to office.

Process the field data with Trimble Business Center or Trimble Terra™ Office software to create data-rich, high-quality deliverables with confidence.

Key specifications

10 mm H/20 mm V
Real time kinematic precision

450 MHz
UHF radio (receive only)

IP65/MIL-STD
Ruggedness

iOS, Android™, Windows® 10
Platform support