



# Trimble R12

with ProPoint GNSS Technology



Performance that takes you further.

Engineered for improved accuracy and productivity in challenging GNSS conditions, with groundbreaking signal management and rugged durability.

Learn more at [Trimble.com/R12](https://Trimble.com/R12)

# Precise, powerful, game-changing technology

in an ergonomic design for easier and more comfortable handling



## Trimble® ProPoint™ GNSS technology

All-new Trimble ProPoint GNSS engine allows surveyors to push the boundaries of GNSS performance, with at least 30 percent† improved performance in challenging GNSS environments\*. How? Flexible signal management enables the use of all available GNSS constellations and signals, resulting in higher satellite availability.



## Trimble 360 technology

Powerful 672-channel solution with Trimble 360 technology delivers the most advanced satellite tracking of all constellations, and provides improved protection from interference and spoofed signals.



## Trimble SurePoint™ technology

Fully compensates for pole tilt. Conveniently measure points that would otherwise be inaccessible with complete quality assurance.



## Trimble xFill® technology

Reduces downtime in the field, with continuous RTK coverage during correction outages from an RTK base station or VRS network.



## Trimble CenterPoint® RTX corrections

Delivers GNSS corrections via satellite or internet connection with unrivaled speed and accuracy for a PPP solution.

## Create the complete Trimble R12 solution

Pair with Trimble Access™ 2019 software and the Trimble TSC7 controller, Trimble T10 or T7 tablets for a powerful rover solution in the field. Integrates seamlessly with the Trimble SX10 scanning total station and Trimble S-series total station positioning sensors. Process your data with Trimble Business Center and create high-quality deliverables with confidence.



## Specifications

8 mm horiz. /15 mm vert.  
real time kinematic precision

672  
GNSS channels

Compact  
11.9 cm x 13.6 cm

GPS/GLONASS/Galileo/  
BeiDou/NavIC/QZSS/SBAS  
constellation support

Wide band UHF radio  
up to 2 Watt Tx

6 GB  
internal memory

Lightweight  
1.12 kg

Bluetooth, Wi-Fi, Cellular  
wireless communications

† In head-to-head testing with the Trimble R10-2 in challenging GNSS environments such as near and among trees, and built environments, the Trimble R12 receiver performed at least 30 percent better across a variety of factors, including time to achieve survey precision levels, position accuracy and measurement reliability.

\* Challenging GNSS environments are locations where the receiver has sufficient satellite availability to achieve minimum accuracy requirements, but where the signal may be partly obstructed by and/or reflected off of trees, buildings, and other objects. Actual results may vary based on user's geographic location and atmospheric activity, scintillation levels, GNSS constellation health and availability, and level of multipath and signal occlusion.