

Trimble R1 GNSS Receiver

Add High-Accuracy to your existing Android or iOS Device for more accurate data collection with Collector for ArcGIS

For US customers only



Make Accuracy Personal

The Trimble® R1 is a rugged, compact, lightweight GNSS receiver that provides professional-grade positioning information to any connected mobile device using Bluetooth® connectivity.

Purpose-built for mapping and GIS professionals in a variety of organizations, including environmental agencies, government departments, and utility companies, the standalone Trimble R1 receiver enables you to collect higher-accuracy location data with the device you already use—whether it is a modern smart device, such as a mobile phone or tablet, or a traditional integrated data collection handheld or tablet.

Flexible and practical, accurate and rugged—the innovative Trimble R1 GNSS receiver delivers professional-level positions to everyone.

Trimble R1 GNSS Receiver Features

- Small, rugged, lightweight GNSS receiver for great mobility
- Flexibility to choose your data collection device
- Bluetooth connection to Trimble handhelds or consumer-grade smart devices
- Provides higher-accuracy location data
- Flexible, professional data collection in more places
- [ViewPoint RTX](#) provides **submeter accuracy** via IP or satellite. The ViewPoint RTX correction service is available on the Positioning Services store: <https://tpsstore.trimble.com>

Trimble R1 GNSS Receiver Benefits

Improved GNSS positioning—on any device

No matter what smart device you choose—from iOS to Android—for collecting GIS data, inspecting, or managing assets, with the Trimble R1 GNSS receiver you can achieve a greater level of reliable spatial accuracy than your current smart phone or tablet is able to provide on its own.

- Compatible with a variety of devices to ensure your current technology investments are maximized
- Upgrade to the latest smart devices whenever needed
- Able to be shared among multiple devices

Professional data collection in more places

Capable of supporting multiple satellite constellations, including GPS, GLONASS, Galileo and BeiDou, the Trimble R1 provides a truly global solution.

- Delivers GNSS positions in real-time without the need for postprocessing
- Correction sources such as SBAS, or VRS networks provide reliable GNSS information worldwide
- Use with [Trimble ViewPoint™ RTX™](#) service and achieve **submeter accuracy** via IP with cellular connectivity, or over satellite L-band. The ViewPoint RTX correction service is available on the Positioning Services store: <https://tpsstore.trimble.com>

Built to work the way you do

- Rugged, lightweight, and compact, the Trimble R1 GNSS receiver can go wherever you go.
- Weighs just 187 g and measures 11.2 cm x 6.8 cm x 2.7 cm
- Cable-free operation with Bluetooth® connectivity
- Can be pole-mounted, carried in a vest pocket, or attached to a belt using the optional belt pouch for ease of use
- All-day battery life gives you a full day in the field
- Built to last with certified MIL-STD-810 ruggedness with IP65 rating

GNSS Receiver

- L1/G1
 - GPS, GLONASS, Galileo, Beidou, QZSS
 - 44-channels, parallel tracking
- Higher accuracy
 - Autonomous positioning
 - Augmentation
 - Corrections

Augmentation

- WAAS, EGNOS, MSAS, GAGAN
- 4-channel, parallel tracking

Documentation and Resources

[Click Here](#) for the Trimble R1 GNSS Receiver Data Sheet

[Click Here](#) for the Trimble R1 GNSS Receiver Quick Start Guide

[Click Here](#) for the Trimble R1 GNSS Receiver User Guide

Warranty

2 Year Warranty

[Click Here](#) for the Trimble R1 Receiver GNSS User Guide – “Limited Warranty Terms and Conditions” and “How to Obtain Warranty Services” are stated on Page 2.

Pricing

Item #	Package	Unit Price
147674	Trimble R1 GNSS Receiver	\$2,495
Warranty Extension Option		
147675	The Extended Hardware Warranty gives you the assurance that your Trimble R1 GNSS Receiver will be maintained another year beyond the two year period of the standard warranty.	\$149
Optional Items		
147676	External Antenna (GNSS/L-band, 1.5m) - The external patch antenna's small size and slim profile allow for additional antenna location and mounting options when used in conjunction with the Trimble R1 receiver. Its integrated magnet mount allows attachment to the roof of a vehicle or groundplane, for use on a range pole or backpack. Other uses include attaching the antenna to a hardhat or specially designed cap for mobile applications. An integrated 1.5m cable provides connectivity to the R1 GNSS Receiver.	\$39
147677	Baseball Cap for External Patch Antenna. This purpose-built baseball cap features a small pouch for concealing an external patch antenna.	\$20
147678	Pole Mount kit for Trimble R1 GNSS Receiver. The kit contains a Pole Mount Pouch and 2 m carbon fiber range pole with bipod.	\$530
147679	Belt Pouch - This pouch with belt clip is available as an optional accessory, replacement or spare part for the Trimble R1 GNSS Receiver. This belt pouch is a wearable mounting option designed to hold the R1 GNSS receiver when used in combination with the external patch antenna in mobile applications. It is also useful for hands-free carry of the R1 GNSS Receiver.	\$35

Need a quote or more information?

Please email ResaleProducts@esri.com if you would like to receive a quote for any of the products in this document or if you have any follow up questions regarding these offers.

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