

# Trimble R980 GNSS System

This Product Catalog gives an introduction to the **Trimble® R980 GNSS system**, illustrates the process of ordering, radio configuration, and license and configuration provisioning. This document also summarizes all receiver part numbers and accessories available for the Trimble R980.

Find out more at:

[geospatial.trimble.com/r980](https://geospatial.trimble.com/r980)



# Table Of Contents

<b>Trimble R980 GNSS System</b> .....	<b>3</b>
• Introduction.....	3
<b>Trimble R980 Ordering (Trimble Store)</b> .....	<b>4</b>
• Trimble R980 License Assignment and Configuration (Trimble Virtual Warehouse / Virtual Warehouse Next) .....	4
• Assign/Upgrade .....	5
• Configure.....	7
• Trimble R980 License and Configuration Provisioning (Trimble Installation Manager).....	9
• Install Updates.....	9
• Upgrade Options .....	9
• Device Information.....	9
<b>Trimble License Viewer</b> .....	<b>9</b>
<b>Trimble R980 GNSS System</b> .....	<b>10</b>
• Trimble R980 – Bill of Materials.....	10
• Standard Receiver Configuration .....	10
• Receiver Dual Battery Charger with Power Supply And Power Cord Kit – Bill Of Materials (101070-00-Xx).....	10
<b>Trimble R980 GNSS System Part Numbers</b> .....	<b>11</b>
• Trimble R980 Hardware Variants.....	11
• Available Radio Models.....	11
• Available Trimble R980 Receiver Models, ROW .....	11
• Available Trimble R980 Receiver Models, Geo-Fenced.....	11
• Latin America .....	11
• China .....	11
• Trimble R980 Configuration Levels.....	12
• Available Perpetual Configuration Levels.....	12
• Available Term Configuration Levels .....	12
• Trimble R980 Upgrades Part Numbers.....	12
<b>Trimble R980 Applicable Upgrade Options To Configuration Levels</b> .....	<b>13</b>
• Upgrade Option Part Number.....	13
• Configuration Level Base .....	13
• Configuration Level Rover .....	13
• Configuration Level Rover Lite .....	13
• Configuration Level Base & Rover .....	13
• Configuration Level Base & Rover Lite .....	13
<b>Trimble R980 Extended Hardware Warranty And Firmware Maintenance Part Numbers</b> .....	<b>13</b>
<b>Trimble Centerpoint RTX Subscriptions</b> .....	<b>14</b>
<b>Receiver Dual Battery Charger With Power Supply And Power Cord Kit Part Numbers</b> .....	<b>14</b>
<b>Trimble R980 Components &amp; Accessories</b> .....	<b>15</b>
<b>Availability</b> .....	<b>18</b>
• Regional and Country Specific Regulatory Approvals .....	18
• Country Specific Restrictions.....	18
• Future Regional and Country Specific Regulatory Approvals (Estimate) .....	18
<b>For More Information</b> .....	<b>19</b>

# TRIMBLE R980 GNSS SYSTEM

## Introduction

Rather than a pre-configured system, the Trimble R980 GNSS receiver provides features and benefits to the user in one flexible, scalable system. The user can choose the features needed, and add features as requirements evolve.

The Trimble R980 GNSS system hardware is offered in three variants:

1. With integrated dual-band 450/900 MHz UHF radio.
2. With integrated 450 MHz wideband UHF radio (for countries requiring full ETSI EN 300 113 "RED" compliance).
3. Without integrated UHF radio.

All three hardware variants include an integrated 4G LTE modem which is compatible with cellular networks worldwide.

The standard receiver firmware configuration is very basic and allows for data logging of single frequency GPS raw data to the internal receiver memory. Perpetual and Term Configuration Levels are predefined receiver option bundles with a particular end-user functionality in mind. Upgrades are available to upgrade between Perpetual Configuration Levels.

Extended Hardware Warranty and Extended Firmware Maintenance (Protection Plans) are also available for the Trimble R980 GNSS system.

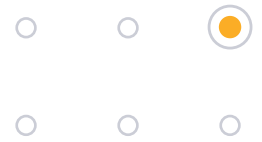
Trimble R980 GNSS system hardware ships physically from the Trimble Regional Fulfillment Center. All virtual items (Configuration Levels, Upgrade Options, Protection Plans) are delivered electronically and are not allocated to a specific receiver at the time of purchase.

All Trimble R980 GNSS system components need to be ordered via the Trimble Store. The Trimble Virtual Warehouse is used to allocate options to specific serial numbers and to configure radio settings at the time of sale to end users. Trimble Installation Manager provisions licensing information and radio settings to the receiver and updates to the latest firmware.

 *Trimble R980  
GNSS system*



# TRIMBLE R980 ORDERING (TRIMBLE STORE)



All Trimble R980 GNSS system related part numbers need to be ordered via the Trimble Store (Geospatial Store).

<https://store.trimble.com/>

The Trimble R980 page on the Geospatial Store lists all relevant part numbers available for the price zone the Trimble Distribution Partner is associated with. Part numbers are grouped as follows:

- Trimble R980 Hardware Variants\*
- Trimble R980 Perpetual Configurations\*\*
- Trimble R980 Term Configurations\*\*
- Trimble R980 Upgrades\*\*
- Trimble R980 Protection Plans\*\*
- Trimble R980 Accessories\*

\* *Physical delivery*  
(Trimble Regional Fulfillment Center to Distribution Partner)

\*\* *Electronic delivery*  
(to Trimble Virtual Warehouse)

In the Geospatial Store, choose the Hardware Variants, Perpetual or Term Configuration Levels, Upgrades, Protection Plans, and Accessories. At the time of purchase, Configuration Levels, Upgrades, and Protection Plans are not allocated to a specific receiver serial number.

The existing Direct Item Entry functionality in the store can be utilized to add parts to the cart in addition to selecting parts from the Trimble R980 Geospatial Store Product page.

Once the order process is complete, the physical items ship from the Trimble Regional Fulfillment Center to the Trimble Distribution Partner. At the time of shipment, the Trimble R980 receiver serial numbers are captured. Shortly thereafter, those serial numbers will show up in the Trimble Virtual Warehouse. Virtual items are delivered electronically and will show up in the Trimble Virtual Warehouse shortly after the order process is complete.

## Trimble R980 License Assignment and Configuration (Trimble Virtual Warehouse / Virtual Warehouse Next)

Trimble Virtual Warehouse and Virtual Warehouse Next are used to assign configuration bundles, options, and Protection Plans to a specific receiver serial number and to configure radio settings.

<https://virtualwarehouse.trimble.com/>

For the most up-to-date information concerning use of the Trimble Virtual Warehouse, visit the Trimble Virtual Warehouse Distributor Help page. <https://help.trimblegeospatial.com/VirtualWarehouse/>

There are three tabs which are applicable to GNSS receivers:


- **Assign/Upgrade**
- **Configure**
- **Subscribe**

## Assign/Upgrade

Use the **Assign/Upgrade** tab to assign the required Perpetual Configuration Levels, Upgrades, and Protection Plans to the appropriate receiver.

### To set up a new receiver

1. Select **Assign/Upgrade**.
2. Locate the Trimble R980 receiver in the **Hardware Variants** panel.

**TIP**—The fastest way to find a specific item is to click  next to the Serial Number field at the top of the Hardware Variants panel and enter the serial number of the device.

3. Click the Trimble R980 receiver to select it. The device tile for the selected receiver shows a summary of the device, including a short description, part number, and the sales order and purchase order numbers associated with the device.
4. To associate the device with a customer:
  - a. Click the <Click here to set customer> link near the top of the Configuration panel.
  - b. Enter the details for the person in the customer organization who is the contact person for the device. Alternatively, select the existing customer option and select the customer from the list or enter their email address. Click Assign.
5. To add items to the receiver:
  - a. Click Add Bundles.
  - b. Select the required Perpetual Configuration Level and/or Upgrades for the receiver and select the sales order/purchase order number that corresponds to this order. By default, the oldest stock is selected first.
  - c. Click Assign.
  - d. Make sure the information in the confirmation message is correct and then click OK.
  - e. To add a Protection Plan or extend the coverage period, click Assign Trimble Protection Plans.

Once you have assigned something to the device, the Reference field is available below the Customer field in the Configuration panel.

To enter a comment/reference information for the device, click the <Click here to add reference> link. You can enter up to 30 characters in this field. Click OK.



## Trimble Protection Plans and factory warranties

You can assign Trimble Protected Plans to a device when you assign other items to the device.

**NOTE**—The *start date* for a hardware factory warranty is the date any bundle or configuration level, or options/modules were first installed onto the device using Trimble Installation Manager. Once the factory warranty has started, you cannot remove options from the device.

To view all Protection Plans in stock, select the **Assign/Upgrade** tab. The **Available Stock** panel shows all available Protection Plans under the heading **PROTECTION PLANS**.

If you have selected a device in the **Hardware Variants** panel, Protection Plans already assigned to the device are shown in the device tile.

If the factory warranty period:

- has not yet started, the duration of the warranty period is shown.  
The duration shown includes the factory warranty and any Protection Plans that have been assigned but not yet installed.
- has started, the end date of the warranty period is shown.  
The date(s) shown include the factory warranty and any Protection Plans that have been installed.

**TIP**—More detailed information about the assigned Protection Plans, such as the part number and sales order/purchase order number, is shown in the **PROTECTION PLANS** section of the Configuration panel.

## Configure

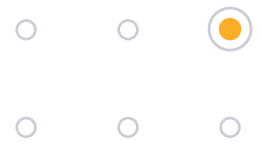
Click on the **Configure** tab to configure custom radio settings appropriate for the customer's country of operation. This will open [Next Virtual Warehouse](#) in a new browser window or tab.

### To set up a new radio configuration

1. Select **Radio Config**.
2. Locate the Trimble R980 receiver by entering the serial number in the search bar.
3. Click the Trimble R980 receiver to see its current radio configuration.
4. Under **1. Select Country or Standards-Based Option**, select the country of operation from the **Country** list. Alternatively, select **Standards-Based (If country not supported)** and choose either FCC (USA) or ETSI (Europe) standard.
5. Under **2. Select Radios**, check the radios to be configured.
  - a. Check **Wi-Fi** to set the Wi-Fi® country code to match the country selection from the previous step.
  - b. Check **900MHz** (where available) to enable 900 MHz transmit and/or receive functions.

**NOTE**—the **900MHz** selection is only available if an applicable country is selected; selecting FCC or ETSI standard will not enable the **900MHz** selection.

- c. Check **450MHz** (if applicable) to enable 450 MHz transmit and/or receive functions.
  - i. Select the **Max Radio Transmit Power** from the available options (0.1 W, 0.5 W, 1.0 W).
  - ii. Select the **Channel Spacing** from the available options (12.5 kHz, 25 kHz).
  - iii. Under **Frequencies**, enter transmit/receive or receive-only radio frequencies. Click the green **+TX/RX** button to add a transmit/receive frequency. Click the blue **+RX** button to add a receive-only frequency. Frequencies can be deleted by clicking the red bin icon next to the frequency value in the list of assigned frequencies.
  - iv. Click **SAVE** to save the radio configuration.



## To copy an existing radio configuration from another receiver

To copy an existing radio configuration from another receiver, click on the target receiver in the list under **Radio Config** then click **COPY CONFIG** and enter the serial number of a receiver which has the radio configuration to be copied.

1. Select **Radio Config**.
2. Locate the target receiver by entering the serial number in the search bar.
3. Click on the target receiver to view its current radio configuration.
4. Click the blue **COPY CONFIG** button and enter the serial number of a receiver which has the radio configuration to be copied.
5. Click **OK** to copy the radio configuration.

## Subscribe

Use the Subscribe tab to assign Term Configuration Levels to the appropriate customer/receiver. All Trimble R980 Term Configuration Levels include firmware maintenance. Hardware Protection Plans can be assigned via the Assign/Upgrade tab.

## To set up a new receiver

1. Select **Subscribe**.
2. Under the Customers panel, select an existing customer or click **Add Customer** to add a new customer.
3. Select **Trimble R980** under the **Subscriptions** panel.
4. Click the **Add** button to add a new subscription.
5. Enter the receiver serial number or select from available receivers by receiver part number.
6. Click **Add Subscription**.
7. Select the desired R980 termed configuration level and quantity (for example, adding two one-year termed configurations will result in a service term of two years) and click **Assign**.
8. Make sure the information in the confirmation message is correct and then click **OK**.  
A confirmation email will be sent to the customer's email address with instructions on how to install the termed configuration license using the Trimble Installation Manager application.
9. If applicable, follow the instructions from the previous section to assign a radio configuration.



## Trimble R980 License and Configuration Provisioning (Trimble Installation Manager)

Trimble Installation Manager supports all Trimble controllers & receivers and is a free download for Trimble Distribution Partners and end-users:

<https://install.trimble.com/>

The three primary Trimble Installation Manager features for Trimble R980 are the installation of:

- Receiver options
- Receiver firmware
- Radio configuration

### Install updates

#### Upgrade options

Once a physical (cabled) connection to a Trimble R980 is established, the latest receiver options, receiver firmware, and radio configuration can be installed. On first connection with a new receiver configured in Trimble Virtual Warehouse, the Standard 12 months Hardware Warranty, 12 months Firmware Maintenance, and 12 months Trimble CenterPoint® RTX subscription start dates are set.

#### Device information

This section lists warranty details, device properties (receiver type, serial number, firmware versions, etc.) and information about the current radio configuration.

## TRIMBLE LICENSE VIEWER

Trimble License Viewer can be used by distribution partners and end-users to quickly review licensing, radio frequency, and hardware warranty / firmware maintenance related information. Trimble License Viewer comes both in a web and Android™ based versions.

<http://licenseviewer.trimblegeospatial.com>



# TRIMBLE R980 GNSS SYSTEM

## Trimble R980 kit – Bill of Materials

The following items are part of the Trimble R980 kit shipment:

- Trimble R980 Transport Case
- Trimble R980 GNSS Receiver with or without integrated UHF Radio
- UHF Antenna with RP-SMA Connector (for receivers with integrated UHF radio)
- Rechargeable Smart Battery (x2)
- Quick Release Adapter
- USB Office Data and Power Cable
- USB Field Data Cable
- Trimble R980 Quick Start Guide
- Trimble Installation Manager Getting Started Card, Trimble GNSS Accessories Card
- Warranty Activation Card, Trimble WEEE Card

**Note:** Dual Battery Charger and Power Supply / Power Cord for Dual Battery Charger sold separately (P/N 101070-00-xx).

### Standard Receiver Configuration

Trimble R980 GNSS receivers shipping from Trimble Regional Fulfillment Centers are unconfigured receivers with minimal functionality. All R980 receivers require configuration prior to shipment to the customer.

The receivers are configured as follows:

- Trimble R980 (unconfigured) Receiver
  - Single Frequency GPS
  - MSS Corrections (L-Band) enabled
  - Bluetooth®, Wi-Fi, 4G LTE Cellular
  - WebUI



### Receiver Dual Battery Charger with Power Supply and Power Cord Kit – Bill of Materials (101070-00-XX)

The following items are part of the Receiver Dual Battery Charger with Power Supply and Power Cord kit shipment:

- Dual Battery Charger
- R10 Battery Slot Insert for Dual Battery Charger (x2)
- International AC power supply
- Region or country specific AC power cord

# TRIMBLE R980 GNSS SYSTEM

## PART NUMBERS

## Trimble R980 GNSS System

### Trimble R980 Hardware Variants

#### Available Radio Models

Model	Description
00	No internal UHF radio
40	Integrated 410–470 MHz UHF radio (for countries requiring full RED compliance)
50	Integrated dual-band 410–470 / 902–928* MHz UHF radio

\*900 MHz UHF transmit capability only available where legally permitted, currently USA, Canada, Australia and New Zealand.

#### Available Trimble R980 Receiver Models, ROW

Part Number	Description
R980-101-00-01	Trimble R980, Model 00, ROW (Receiver FRU P/N 90915-00)
R980-101-40-01	Trimble R980, Model 40, ROW (Receiver FRU P/N 90915-40)
R980-101-50-01	Trimble R980, Model 50, ROW (Receiver FRU P/N 90915-50)

#### Available Trimble R980 Receiver Models, Geo-fenced

Trimble R980 hardware SKUs for Latin America and China include a geo-fence option which restricts operation to a defined geographical area. There is no longer a need to purchase specific geo-fenced configuration levels for Latin America and China.

#### Latin America

Part Number	Description
R980-101-00-LA	Trimble R980, Model 00, Latin America (Receiver FRU P/N 90915-00)
R980-101-40-LA	Trimble R980, Model 40, Latin America (Receiver FRU P/N 90915-40)
R980-101-50-LA	Trimble R980, Model 50, Latin America (Receiver FRU P/N 90915-50)

#### China

Part Number	Description
R980-101-00-CN	Trimble R980, Model 00, China (Receiver FRU P/N 90915-00)
R980-101-40-CN	Trimble R980, Model 40, China (Receiver FRU P/N 90915-40)
R980-101-50-CN	Trimble R980, Model 50, China (Receiver FRU P/N 90915-50)

## Trimble R980 Configuration Levels

The Trimble R980 is available with either traditional perpetual or termed configuration levels.

Termed configuration levels are sold/assigned in multiples of one year and include firmware maintenance. Regardless of which type of configuration level will be assigned to a Trimble R980 receiver, the hardware must be purchased separately.

All Trimble R980 perpetual and termed configuration levels include support for all GNSS constellations, triple-frequency (L5) tracking, 20 Hz measurements, NMEA outputs, and a 12 month subscription to Trimble CenterPoint RTX correction service. Configuration levels with rover functionality include Trimble xFill® activation (no subscription required) and Trimble Inertial Platform™ (TIP™) IMU-based tilt compensation. Lite (LT) perpetual configuration levels do not include tilt compensation or Trimble xFill activation. Upgrades are available to add functionality for receivers with perpetual configuration levels. Receivers with termed configuration levels can only be upgraded at renewal.

### Available Perpetual Configuration Levels

Part Number	Description
R980-BRO	Trimble R980 Configuration Level - Base and Rover Mode
R980-ROV	Trimble R980 Configuration Level - Rover Mode
R980-BAS	Trimble R980 Configuration Level - Base Mode
R980-BRO-LT	Trimble R980 Configuration Level - LT Base and Rover Mode
R980-ROV-LT	Trimble R980 Configuration Level - LT Rover Mode

### Available Term Configuration Levels

Part Number	Description
R980-BRO-T-01	Trimble R980 Configuration Level - Base and Rover Mode (Termed)
R980-ROV-T-01	Trimble R980 Configuration Level - Rover Mode (Termed)

### Trimble R980 GNSS Upgrades Part Numbers

Part Number	Description
R980-UPG-BAS	Trimble R980 Upgrade - Enable Base Mode
R980-UPG-ROV	Trimble R980 Upgrade - Enable Rover Mode
R980-UPG-IMU	Trimble R980 Upgrade - Enable IMU Functions
R980-UPG-XFL	Trimble R980 Upgrade - Enable Trimble xFill
R980-UPG-RGF*	Trimble R980 Upgrade - Remove Geo-Fence

*\*For receivers sold with a Latin America or China geo-fence. Sales manager approval required prior to ordering.*

## TRIMBLE R980 APPLICABLE UPGRADE OPTIONS TO CONFIGURATION LEVELS

**Note:** Depending on the Configuration Level applied to an existing Trimble R980 receiver, additional upgrade options are available. The following table indicates which upgrades can be applied to the different Perpetual Configuration Levels.

Upgrade Option Part Number	Configuration Level Base	Configuration Level Rover	Configuration Level Rover Lite	Configuration Level Base & Rover	Configuration Level Base & Rover Lite
R980-UPG-BAS		•	•		
R980-UPG-ROV	•				
R980-UPG-IMU	•		•		•
R980-UPG-XFL	•		•		•
R980-UPG-RGF*	•	•	•	•	•

\*For receivers sold with a Latin America or China geo-fence. Sales manager approval required prior to ordering.

## TRIMBLE R980 EXTENDED HARDWARE WARRANTY AND FIRMWARE MAINTENANCE PART NUMBERS

**Note:** Extended Hardware Warranty can only be assigned via the Trimble Virtual Warehouse to Trimble R980 receivers that are still under hardware warranty (standard warranty or extended warranty). The maximum number of Extended Hardware Warranty that can be assigned to a new receiver is 4 years (1 year standard warranty + 4 years extended warranty = 5 years of total hardware warranty). In case hardware warranty is lapsed, a service inspection executed by an authorized Trimble Service Provider is required to reinstate hardware warranty.

**Note:** Extended Firmware Maintenance can only be assigned via the Trimble Virtual Warehouse to Trimble R980 receivers. Extended Firmware Maintenance is always added to the previous firmware maintenance expiration date. In the event that firmware maintenance coverage has lapsed by more than 90 days, a reinstatement plan is required. As with other reinstatement plans, the purchase date will be the new protection plan start date.

Part Number	Description
EWLS-R980-STOCK	TPP - Hardware - R980 GNSS Receiver (12m expiration)
EWLS-R980-1M-STOCK	TPP - Hardware - R980 GNSS Receiver, 1 month (12m expiration)
EWLS-R980-STK-RNST	TPP - Hardware - R980 GNSS Receiver Reinstatement (12m expiration)
EWLS-R980-FW-STOCK	TPP - Firmware - R980 GNSS Receiver (12 month expiration)
EWLS-R980-FW-1MSTK	TPP - Firmware - R980 GNSS Receiver, 1 month (12m expiration)
EWLS-R980-FWSTKRNST	TPP - Firmware - R980 GNSS Receiver Reinstatement (12m expiration)
ADLS-GNSS3-BUNDLE-STK	Trimble Protected Premium - R12 or R12i GNSS, 5 Years w/Firmware (12m expiration)

## TRIMBLE CENTERPOINT RTX SUBSCRIPTIONS

All Trimble R980 GNSS systems include a 12 month subscription to Trimble CenterPoint RTX correction service. The subscription is activated at the same time as the receiver's factory warranties, the first time the receiver is connected to Trimble Installation Manager.

After the initial 12 month subscription expires, additional 12 or 3 month subscriptions can be purchased through the Trimble Positioning Services (TPS) store or by contacting TPS Customer Care. The following CenterPoint RTX subscription parts are available:

Part Number	Description
95690-20	Geospatial Continental CenterPoint RTX 1 Year
95693-20	Geospatial Continental CenterPoint RTX 3 Month

## RECEIVER DUAL BATTERY CHARGER WITH POWER SUPPLY AND POWER CORD KIT PART NUMBERS

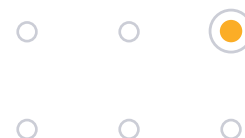
Part Number	Description
101070-00-01	Trimble Geospatial Accessory – Dual Battery Charger with Power Supply and Power Cord (North America)
101070-00-02	Trimble Geospatial Accessory – Dual Battery Charger with Power Supply and Power Cord (Japan)
101070-00-04	Trimble Geospatial Accessory – Dual Battery Charger with Power Supply and Power Cord (Europe)
101070-00-08	Trimble Geospatial Accessory – Dual Battery Charger with Power Supply and Power Cord (UK)
101070-00-09	Trimble Geospatial Accessory – Dual Battery Charger with Power Supply and Power Cord (Taiwan)
101070-00-10	Trimble Geospatial Accessory – Dual Battery Charger with Power Supply and Power Cord (China)
101070-00-12	Trimble Geospatial Accessory – Dual Battery Charger with Power Supply and Power Cord (Australia)

# TRIMBLE R980 COMPONENTS & ACCESSORIES

## Trimble R980 GNSS System

All Trimble R12i accessories are compatible with the Trimble R980, with the exception of the UHF rubber duck antenna and external UHF antenna cable. This is due to the fact that the Trimble R980 makes use of a reverse polarity SMA UHF antenna connector to support the 900 MHz UHF spectrum.

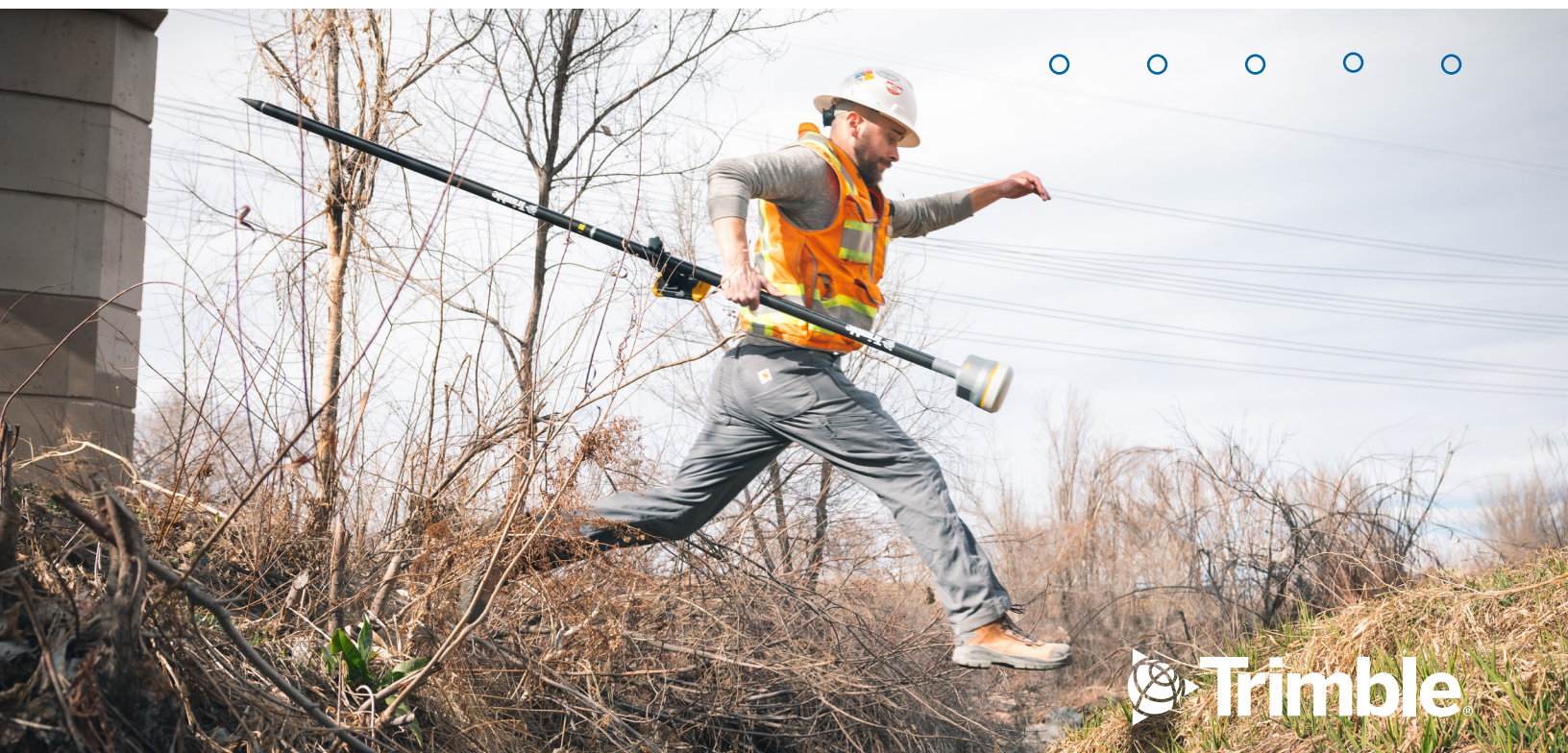
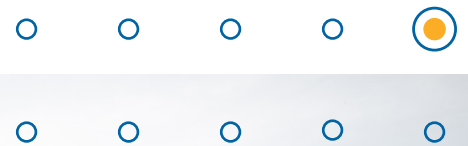
Part Number	Description
89873-00	Trimble R12 Accessory - Transport Case for R12/R12i and TSC7/TSC5/T100 <i>Note: Ships with Survey standard receiver kit (R980-101-x0-xx)</i>
171082-00	Transport Case for TSC7 and Receiver
176767	Battery Pack, Li-Ion, 7.4 V, 3700 mAHr (smart battery) <i>Note: Ships with Survey standard receiver kit (R980-101-x0-xx), qty 2</i>
129988	Antenna, Rubber Ducky, 410–470 and 902–928 MHz, Monopole, Custom RP–SMA <i>Note: Ships with Survey standard receiver kit (R980-101-x0-xx, UHF models only). Not compatible with Trimble R12i, R12, R10-2, R10</i>
130626-05	Cable Accessory - NMO to SMA–RP radio antenna, 5 m <i>Note: Not compatible with Trimble R12i, R12, R10-2, R10</i>
24253-42	Radio - Radio Antenna, 0 db–5 db Whip, 406–430 MHz
24253-44-GEO	Radio - Radio Antenna, 0 db–5 db Whip, 430–450 MHz (Geospatial)
24253-46-SUR	Radio - Radio Antenna, 0 db–5 db Whip, 450–470 MHz (Survey)
24253-92-GEO	Radio - Radio Antenna, 5 db Whip, 896–940 MHz (Geospatial)
51870-10-30	Antenna Whip - Unity Gain, 410–430 MHz
51870-30-50	Antenna Whip - Unity Gain, 430–450 MHz
51870-50-70	Antenna Whip - Unity Gain, 450–470 MHz
51871-10-30	Antenna Whip - 5 dB Gain, 410–430 MHz
51871-30-50	Antenna Whip - 5 dB Gain, 430–450 MHz
51871-50-70	Antenna Whip - 5 dB Gain, 450–470 MHz
44482-00	Radio Antenna Mast Kit
66656-10	Cable - TDL 450 / HPB450 (0S/1S Lemo; SAE Power)
130916	CBL ASSY, RCVR USB 7P TO RS232 TDL 5P
130918	CBL ASSY, RCVR RS232 7P TO TDL RS232 5P
89844-00	Trimble Geospatial Accessory - 12 V Vehicle Adapter for Dual Battery Charger
89845-00	Trimble R10 Accessory - Quick Release Adapter (0.05 m) <i>Note: Ships with Survey standard receiver kit (R980-101-x0-xx)</i>



Part Number	Description
89846-00	Trimble R10 Accessory - Base Station Extension (0.15 m) with Height Measurement Lever
89850-00	Trimble R10 Accessory - USB Field Data Cable (7P Lemo to USB-A Female) <i>Note: Ships with Survey standard receiver kit (R980-101-x0-xx)</i>
89851-00	Trimble R10 Accessory - Serial Field Data Cable (7P Lemo to DB9) <i>Note: Ships with Survey standard receiver kit (R980-101-x0-xx)</i>
89852-00	Trimble R10 Accessory - USB Office Data and Power Y-Cable (7P Lemo to USB-A Male and Power) <i>Note: Ships with Survey standard receiver kit (R980-101-x0-xx)</i>
89853-00	Cable - 1.5 m, DB9(F) Y to 05/7P/M to Power Jack
89859-00	Trimble R10 Accessory - Pouch for Base / PP Kit
89860-00	Trimble R10 Accessory- Pouch for Remote UHF Radio Antenna
89861-00	Trimble R10 Accessory - Base Kit (Pouch, 6 Ah Bat., Charger, Base Station Ext., Tape, Y-Cable)
89861-00-JPN	Trimble R10 Accessory - Base Kit (Pouch, 6 Ah Bat., Charger, Base Station Ext., Tape, Y-Cable), Japan
89862-00	Trimble R10 Accessory - PP Kit (Pouch, 6 Ah Batt., Charger, Base Station Ext., Tape)
89862-00-JPN	Trimble R10 Accessory - PP Kit (Pouch, 6 Ah Batt., Charger, Base Station Ext., Tape), Japan
89864-00	Trimble R10 Accessory – Ext. Battery Cable Set (7P Lemo to SAE, 0.6 m / SAE to Battery Clips, 1.8 m)
59044-10-SUR	Cable - Data/Power, 1.5 m, DB9(F) to 05/7P/M to SAE (Survey)
59046	Cable - 1.5 m, 05/7P/M-DB9/F, Dat (TM3/4700/4800/5700)
87144-GEO	Cable - 7P Lemo (R780) to DB-9 MALE RS232 and Pwr SAE
123723-00	Cable - 1.6 m 7P USB to Locking USB-C
83223-02	Cable - Power, 1.8 m, SAE to Battery Clips
32364-10	Battery - Lead Gel, External, with Plastic Shell & 2.4 m Cable, 6 Ah, 05/7P/M Straight Lemo
34106-00	Battery - Lead Gel Charging Kit, External with Pouch, 6 Ah, 05/7P/M Cable
109001-00	Battery Slot Insert for Dual Battery Charger (qty 2) <i>Note: Ships with Receiver Dual Battery Charger with Power Supply and Power Cord Kit (101070-00-xx)</i>



Part Number	Description
52618	Accessories - Tape Measure, Metric/Tenths
12180	Adapter - Tribrach to 5/8" with Removable Center
70600007	Tribrach with Bi-Directional Optical Plummet
58002007	Tribrach with Optical Plummet
571126275	Accessory - Tripod Heavy Duty, with stability for Servo TS
90553-TR-SUR	Tripod - Tri-Max Dual Clamp
58020002	Prism - 360 Prism incl height adapter to standard rod, prism const: 0.002 m
59054002	Trimble 360 Prism Replacement Height Adapter
43169-30	Rod - 2.5 m Carbon Fiber Telescopic Range Pole without Bipod
43169-10	Rod - 2.0 m Carbon Fiber Range Pole without Bipod
43169-20	Rod - 2.5 m Carbon Fiber Telescopic Range Pole with Bipod
43169-00	Rod - 2.0 m Carbon Fiber Range Pole with Bipod
571126286	Rod - Bipod for Range Pole



## AVAILABILITY

The Trimble R980 GNSS system is orderable immediately, subject to regional and country-specific regulatory approvals.

### Regional and Country Specific Regulatory Approvals

<ul style="list-style-type: none"><li>• USA</li></ul>	<ul style="list-style-type: none"><li>• Japan</li></ul>
<ul style="list-style-type: none"><li>• European Union</li></ul>	<ul style="list-style-type: none"><li>• Eurasian Economic Union (EAC)</li></ul>
<ul style="list-style-type: none"><li>• United Kingdom</li></ul>	<ul style="list-style-type: none"><li>• India</li></ul>
<ul style="list-style-type: none"><li>• Australia</li></ul>	<ul style="list-style-type: none"><li>• South Korea</li></ul>
<ul style="list-style-type: none"><li>• New Zealand</li></ul>	<ul style="list-style-type: none"><li>• Türkiye</li></ul>

### Country Specific Restrictions

The following country restrictions apply to the purchase of Trimble R980 hardware with integrated dual-band 450/900 MHz UHF radio (Model 50) due to the requirement for full ETSI EN 300 113 (RED) compliance. Trimble Dealers in these countries will not be able to place orders for Trimble R980 Model 50 hardware (P/N R980-101-50-01; FRU P/N 90915-50).

<ul style="list-style-type: none"><li>• United Arab Emirates</li></ul>	<ul style="list-style-type: none"><li>• Thailand</li></ul>
<ul style="list-style-type: none"><li>• South Africa</li></ul>	

### Future Regional and Country Specific Regulatory Approvals (estimate)

<ul style="list-style-type: none"><li>• Taiwan</li></ul>	Q4 2024	<ul style="list-style-type: none"><li>• Mexico</li></ul>	Q4 2024
<ul style="list-style-type: none"><li>• Brazil</li></ul>	Q4 2024	<ul style="list-style-type: none"><li>• China</li></ul>	Q4 2024





# Trimble R980 GNSS System

**For more information:**

Contact your local Trimble Sales Representative.