

KEY FEATURES

Ultra-rugged and lightweight

Integrated wireless options (Bluetooth and wireless LAN)

Two CompactFlash expansion slots

Microsoft Windows Mobile version 5.0 software

GPS functionality easily added



ULTRA-RUGGED HANDHELD, WITH FLEXIBLE CONNECTIVITY AND MICROSOFT WINDOWS MOBILE VERSION 5.0 SOFTWARE

The new-generation Trimble® Recon® handheld is as tough as ever... with an IP67 rating, it's impervious to water and dust. And inside the rugged casing, it's packed with new connectivity options. As well as increased memory, and an industry-standard, open operating system, you now have the option of built-in Bluetooth and wireless LAN. With all of this, the Trimble Recon handheld is simply the best-connected, lightweight and ultra-rugged field computer available.

The Trimble Recon features a high-performance 200 MHz or 400 MHz processor, a screen that's readable in direct sunlight, and a built-in microphone. With the 400 MHz system, you also get built-in Bluetooth and wireless LAN. Both systems provide two CompactFlash (CF) slots, letting you add GPS cards, barcode scanners and other devices—or add a memory card if you want to take additional data into the field. You can also use the slots to add Bluetooth and wireless LAN cards to the 200MHz Recon handheld.

Bluetooth and wireless LAN

Bluetooth lets you connect to mobile peripherals without cables, and wireless LAN gives you access to local area networks, email and the Internet. You can use Bluetooth to connect wirelessly to other devices such as a laser rangefinder, or if you need to navigate or map assets for your GIS, the Trimble Recon handheld connects seamlessly with Trimble's GPS Pathfinder® receivers. You can also use it to connect to a mobile phone to receive real-time corrections from a VRS provider—or to connect to the Internet, especially if you want to download additional data such as maps.

However if you are within range of a WiFi network, the built-in wireless LAN in your Trimble Recon makes it very easy to send and receive data—as soon as you arrive at a WiFi hotspot, such as your office or work depot, you can quickly and securely transfer large amounts of data into the network.

Industry-standard software

The Trimble Recon runs the most advanced operating system available—Microsoft® Windows Mobile® version 5.0 software—so you can choose the software that matches your workflow, whether it's off-the-shelf or purpose built. And because all your data and applications reside in persistent storage, they are secure even in the event of power loss.

Rugged and reliable

Designed for the realities of mobile GIS field work, the Trimble Recon is a rugged and reliable handheld which connects seamlessly with Trimble GPS receivers. Mobile technology is changing fast, but the Trimble Recon is designed with the future in mind: its open operating system, expandable storage and flexible connectivity deliver all you need, and more, in the most rugged, reliable solution available.

Trimble Recon handheld

STANDARD FEATURES

400 MHz System

- Microsoft Windows Mobile version 5.0 software
- 400 MHz Intel PXA255 XScale processor
- 256 MB non-volatile Flash data storage
- Integrated Bluetooth for connectivity to other devices
- Integrated 802.11g wireless LAN for local network connectivity
- 1 x Type I and 1 x Type I/II CompactFlash (CF) slots for memory expansion and the addition of accessories
- Outdoor color display
- Rugged and waterproof design
- Integrated speaker and microphone

200 MHz System

- Microsoft Windows Mobile version 5.0 software
- 200 MHz Intel PXA255 XScale processor
- 128 MB non-volatile Flash data storage
- 1 x Type I and 1 x Type I/II CompactFlash (CF) slots for memory expansion and the addition of accessories
- Outdoor color display
- Rugged and waterproof design
- Integrated speaker and microphone

Software

- Microsoft ActiveSync®, Calculator, File Explorer, Internet Explorer, Pictures, Excel Mobile, Outlook® Mobile (Inbox, Calendar, Contacts, Notes, Tasks), Word Mobile, Windows Media Player
- Bluetooth File Transfer
- Transcriber (handwriting recognition)
- Microsoft Streets & Trips/AutoRoute™ 2006 software
- Trimble Navigator Sample Application software

Accessories

- International AC battery charger (100–240 V)
- 10 screen protectors
- 2 stylus pens
- Getting Started Guide
- Hand strap
- USB data cable

OPTIONAL FEATURES

Software

- TerraSync™ software
- Trimble GPSCorrect™ extension for ESRI ArcPad software
- GPS Pathfinder Tools Software Development Kit (SDK)
- GPS Pathfinder Office software
- Trimble GPS Analyst™ extension for ESRI ArcGIS software

Accessories

- 12 V vehicle charging cable
- Socket Communications Bluetooth kit
- Optical CF-Cap™
- Range pole bracket
- AA PowerBoot™ module
- Extended CF-Cap
- Pouch
- CompactFlash cards—GPS, GPRS, bar code scanners, camera, wireless LAN or Bluetooth

TECHNICAL SPECIFICATIONS

Physical

Size 16.5 cm x 9.5 cm x 4.5 cm (6.5 in x 3.75 in x 1.75 in)
Weight 0.49 kg (17 oz) with battery module
Processor 200 or 400 MHz Intel PXA255 XScale CPU
Memory Nonvolatile NAND Flash 128 MB (200MHz);
256 MB (400MHz) ~31 MB reserved
Battery Internal 3800 mAh NiMH, rechargeable in unit

Environmental

Operating temperature -30 °C to +60 °C (-22 °F to +140 °F)
Storage temperature -40 °C to +70 °C (-40 °F to +158 °F)
Humidity MIL-STD-810F, Method 507.4
Sand and dust IP67, MIL-STD-810F, Method 510.4, Procedures I and II
Water IP67, sealed against accidental immersion (1 m for 30 min.)
MIL-STD-810F, Method 512.4, Procedure I
Drop 1.22 m (4 ft), MIL-STD-810F, Method 516.5, Procedure IV
26 drops from 4 ft (1.22 m) onto plywood over concrete
6 additional drops at -22 °F (-30 °C)
6 additional drops at 140 °F (60 °C)
Vibration Vibration resistant, MIL-STD-810F, Method 514.5
Altitude MIL-STD-810F, Method 500.4, Procedures I, II & III
15,000 ft at 73 °F (23 °C)

Input/output

Expansion 1 x Type I and 1 x Type I/II CF slot
CF-Cap seal protects from rain, wind, and dust
Display 240 x 320 pixel (¼ VGA) color TFT with LED front light
Interface TFT touch screen, 10 hardware control keys
Soft Input Panel (SIP) virtual keyboard and Transcriber software
Audio system events, warnings, and notifications
Communications Bluetooth¹, 802.11g wireless LAN¹
DE9 (M) RS-232 serial port, USB-slave port

1 400 MHz system only.

Specifications subject to change without notice.

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NORTH & SOUTH AMERICA

Trimble Navigation Limited
10355 Westmoor Drive
Suite #100
Westminster, CO 80021
USA
+1-720-587-4574 Phone
+1-720-587-4878 Fax

EUROPE, AFRICA & MIDDLE EAST

Trimble GmbH
Am Prime Parc 11
65479 Raunheim
GERMANY
+49-6142-2100-0 Phone
+49-6142-2100-550 Fax

ASIA-PACIFIC

Trimble Navigation
Singapore PTE Limited
80 Marine Parade Road
#22-06 Parkway Parade
Singapore, 449269
SINGAPORE
+65-6348-2212 Phone
+65-6348-2232 Fax

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www.trimble.com
store.trimble.com