



KEY FEATURES

Ultra-rugged and lightweight

Integrated wireless connectivity
(Bluetooth and wireless LAN)

Two CompactFlash expansion slots

Windows Mobile version 6
operating system

GPS functionality easily added



ULTRA-RUGGED HANDHELD FIELD COMPUTER

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 connectivity options. As well as non-volatile memory, and an industry-standard, open operating system, you have 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 handheld features a high-performance 400 MHz processor, an improved screen that's readable in direct sunlight, and a built-in microphone. The system provides 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.

Connectivity Options

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.

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

Cellular connectivity can be added to the Trimble Recon handheld via the TDL 3G cellular modem. Connecting via wireless LAN or Bluetooth, the TDL 3G provides continuous network/internet access to real-time map data, web-based services, and live update of field information.

Industry-standard software

The Trimble Recon handheld is powered by the Windows Mobile® version 6 operating system—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 handheld 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

- Windows Mobile version 6 operating system
- 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
- 400 MHz Intel PXA255 XScale processor
- 256 MB non-volatile Flash data storage
- Integrated Bluetooth¹ wireless technology for connectivity to other devices
- Integrated 802.11g wireless LAN for local network connectivity

Software

- Microsoft[®] ActiveSync[®], Microsoft Office Mobile (Word Mobile, Excel Mobile, OneNote Mobile, PowerPoint Mobile), Internet Explorer Mobile, File Explorer, Windows Live[®] Messenger, Windows Media Player, Pictures & Videos, Outlook Mobile, Contacts, Calendar, Tasks, Calculator
- Bluetooth¹ File Transfer
- Transcriber (handwriting recognition)

Accessories

- International AC battery charger (100–240 V)
- Screen protectors (2-pack)
- 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

- TDL 3G cellular modem accessory
- 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 400 MHz Intel PXA255 XScale CPU
Memory Nonvolatile NAND Flash 256 MB (~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 1.22 m (4 ft) onto plywood over concrete
6 additional drops at -30 °C (-22 °F)
6 additional drops at 60 °C (140 °F)
Vibration Vibration resistant, MIL-STD-810F, Method 514.5
Altitude MIL-STD-810F, Method 500.4, Procedures I, II & III
15,000 ft at 23 °C (73 °F)

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 LAN
DE9 (M) RS-232 serial port, USB-slave port

1 Bluetooth type approvals are country specific. The Trimble Recon handheld has Bluetooth approval in the U.S., Canada, the EU, Australia, and New Zealand. For other countries please consult your local Distributor.

Specifications subject to change without notice.

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