



KEY FEATURES

Microsoft Windows Mobile 2003 for Pocket PCs, maximizes your choice of software

Built-in Bluetooth and wireless LAN for cable-free connectivity

Full alphanumeric keyboard for fast and efficient data entry

Ultra-rugged design enables you to keep working in all conditions

Expandable and versatile, with two CF slots and one SD slot



RUGGED, WELL-CONNECTED HANDHELD FOR THE MOBILE WORKER

The rugged and reliable Trimble® Ranger™ handheld is ideal for your mobile workforce. With built-in wireless connectivity that gives you access to enterprise data on-the-go, you'll have the information you need to do the job right first time. And the improved productivity of a full alphanumeric keyboard will save your company time and money.

Connected and expandable

The Trimble Ranger handheld has you completely covered with a range of wireless options. Built-in Bluetooth® allows cable-free connection to other Bluetooth devices, including Trimble's GPS Pathfinder® Pro series receivers for on-the-spot positioning.

With integrated wireless LAN capability, the Trimble Ranger handheld can connect seamlessly to a local network for easy and convenient data transfer. And if that doesn't give you enough options, two CF (CompactFlash) slots let you add supported GSM, GPRS, or CDMA cards, for the ultimate in back-office connectivity.

Software to meet all your business needs

Because it runs the industry-standard Microsoft® Windows Mobile™ 2003 software for Pocket PCs, your choice of software is virtually unlimited, so you can choose the field application that works best for your business. And with the familiar range of Microsoft applications (such as Pocket Word and Pocket Excel) provided as standard, you have easy access to information and documents every step of the way.

It's no problem to take digital copies of plans, maps and schematics into the field—they'll be crisp and crystal-clear on the advanced outdoor color screen. The Trimble Ranger handheld gives you plenty of on-board memory for your data, with

the option to add more via the CF and SD (Secure Digital) slots.

Trimble tools to get you there

Trimble even offers a range of tools to get you to the job site faster. The Trimble Navigator Sample Application software¹ connects to Microsoft MapPoint® Web Service to give you point-of-interest information and driving directions exactly when you need them. And you can even receive a free copy of Microsoft Streets & Trips² 2005 software with your Trimble Ranger handheld, providing easy navigation and route planning with comprehensive maps and travel information.

Rugged design for all-weather operation

Much sturdier than a laptop or PDA, the Trimble Ranger handheld's sealed casing is dust, shock, and water-resistant, so you can keep working no matter what the weather throws at you. And your data is well protected, with a powerful, long-life battery that ensures all day field use.

Satisfied customers

With a range of communication options for all situations, the Trimble Ranger handheld is quite simply the best-connected, rugged handheld computer available. With ready access to information, you'll be more responsive on site—so you'll increase first time fix rates, save time and money, and improve customer satisfaction.

¹ Trimble Navigator Sample Application software provides maps, driving directions and points of interest for USA, Canada, Europe, Brazil, and Australia. The Trimble Navigator Sample Application is a 45 day evaluation copy.
² Microsoft Streets & Trips 2005 software available in U.S. and Canada; Microsoft AutoRoute™ 2005 software in Europe.

Trimble Ranger handheld

STANDARD FEATURES

System

- Microsoft Windows Mobile 2003 Second Edition software for Pocket PCs
- 516 MHz Intel XScale processor
- 512 MB non-volatile Flash data storage
- Integrated Bluetooth for connectivity to other devices
- Integrated wireless LAN for local network connectivity
- Two CF slots for memory expansion and the addition of accessories
- One SD slot for memory expansion
- Full alphanumeric keyboard for fast and efficient data entry
- Outdoor color display
- Rugged and water-resistant design
- 30 hour battery under normal operating conditions

Software

- Microsoft ActiveSync®, Calculator, File Explorer, Internet Explorer, Pictures, Pocket Excel, Pocket Outlook® (Inbox, Calendar, Contacts, Notes, Tasks), Pocket Word, Windows® Media Player
- Bluetooth File Transfer
- Sprite Pocket Backup
- Transcriber (handwriting recognition)
- Microsoft Streets & Trips/AutoRoute 2005 software
- Trimble Navigator Sample Application software

Accessories

- International AC re-charger (100–240 V)
- 10 screen protectors
- 2 stylus pens
- Getting Started Guide
- Hand strap
- USB data cable
- Nylon carry case
- Memory card pull tabs

OPTIONAL FEATURES

Software

- Trimble GPScorrect™ extension for ESRI ArcPad software
- TerraSync™ 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
- Range pole bracket

TECHNICAL SPECIFICATIONS

Physical

Size 26.6 cm x 13.1 cm x 4.8 cm (10.5 in x 5.2 in x 1.9 in);
7.6 cm (3.0 in) at handgrip
Weight 0.95 kg (2.1 lb) with battery
Processor 516 MHz Intel PXA270 XScale
Memory 128 MB high-speed SD-RAM, ~20 MB reserved
512 MB onboard non-volatile NAND Flash, ~26 MB reserved
Battery Internal 6600 mAh lithium-ion, 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, MIL-STD-810F, Method 512.4, Procedure I
Drop 1.22 m (4 ft), MIL-STD-810F, Method 516.5, Procedure IV
Vibration Vibration resistant, MIL-STD-810F,
Method 514.5, Procedure I
Altitude 15,000 ft at 23 °C (73 °F), MIL-STD-810F
Method 500.4, Procedures I, II & III

Input/output

Communications Bluetooth and Wireless LAN for wireless connectivity
DE9 (M) RS-232 serial port, USB-slave port

Bluetooth¹ Profiles

Client and host support Serial Port, File Transfer (using OBEX)
Client support only Dial-Up Networking (Data Terminal role)
Host support only Object Push

Wireless LAN Integrated 802.11b

Expansion 1 × Type I and 1 × Type II CompactFlash (CF) slots
1 × SD (Secure Digital) memory card slot

CF-Cap™ seal protects from rain, wind, and dust

Display 320 × 240 pixel (¼ VGA) color TFT with LED back light

Audio Microphone and half duplex speaker

Interface TFT touch screen
53-key physical keypad

Separate navigation, alpha and numeric keypads

Eight-position spider key

Soft Input Panel (SIP) virtual keyboard and Transcriber software

Audio system events, warnings, and notifications

1 Bluetooth type approvals are country specific. The Trimble Ranger handheld has Bluetooth approval in the U.S. and EU. For other countries please consult your local Distributor.

Specifications subject to change without notice.

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