

## KEY FEATURES

Microsoft® Windows Mobile™ software

Rugged and dependable

Versatile—use with every sensor and application



## THE HANDHELD CONTROLLER MADE EXTRA RUGGED FOR DATA COLLECTION

The Trimble® Recon® controller is a rugged handheld data collector designed for use in the field. Featuring a touch screen for quick and easy data entry and a color graphic display for image and data files, the Trimble Recon controller running Trimble field software is an excellent partner for fieldwork. It will tackle multiple surveying applications, including topographic surveying, high-accuracy GIS, engineering, construction, and mapping.

## MADE FOR THE FIELD

When field conditions are tough, the Trimble Recon controller works as hard as you do. Not only is it lightweight and rugged—exceeding military specifications for drop, vibration, immersion, and operating temperatures—it also features a powerful battery to ensure maximum productivity through minimum downtime. The Trimble Recon controller will work all day and longer without a change of battery.

For extra-long days, you can extend the controller's data storage space using its two CompactFlash slots.

## FLEXIBLE, ADAPTABLE, AND MODERN

The Trimble Recon controller is a data-collection solution designed to keep up with developing mobile technologies. With its powerful 400 MHz Intel® Xscale processor and 256 MB of robust, high-performance flash memory, the Trimble Recon controller gives you the flexibility to adapt to your specific needs and applications. Microsoft Windows Mobile 6 software runs all Microsoft applications familiar to you from the office, including mobile versions of Outlook, Word, Excel, and PowerPoint.

With its integrated Bluetooth® capabilities, the Trimble Recon controller also supports wireless communications with Bluetooth enabled devices such as the Trimble 5800 GPS receiver.

# TRIMBLE RECON CONTROLLER

## TECHNICAL SPECIFICATIONS

### Standard software

Microsoft Windows Mobile 6 software programs including:

- Internet Explorer Mobile
- File Explorer
- Word Mobile
- Excel Mobile
- PowerPoint Mobile
- Outlook Mobile
- Microsoft Windows Media™ Player
- Microsoft ActiveSync®
- Microsoft Pictures & Videos
- Calendar, Contacts, Notes, Tasks, Calculator
- Online Help

### HARDWARE

#### 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 rechargeable PowerBoot module  
Memory . . . . . 64 MB high-speed SDRAM, ~22 MB reserved  
Onboard non-volatile NAND Flash  
(256 MB internal Flash disk, ~31 MB reserved)  
Expandable Memory . . . . . CompactFlash (CF) card  
Processor . . . . . 400 MHz Intel PXA255 XScale CPU  
Power . . . . . NiMH rechargeable pack, 3800 mAh,  
battery life of 15 hours under normal operating conditions<sup>1</sup>

### ENVIRONMENTAL

#### Temperature

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 . . . . . IP6X, MIL-STD-810F, Method 510.4, Procedure I

Water . . . . . IPX7, sealed against accidental immersion  
(1 m for 30 minutes) MIL-STD-810F, Method 512.4, Procedure I

Drop . . . . . 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 . . . . . MIL-STD-810F, Method 514.5, Procedure I (Fig. 17) & II

Altitude . . . . . MIL-STD-810F, Method 500.4  
Procedures I, II and III; 4572 m (15,000 ft) at +23 °C (+73 °F)

### INTERFACE

Display . . . . . 240 x 320 pixel (QVGA) color TFT with LED front light,  
daylight readable touchscreen

Keyboard . . . . . 10 hardware control keys, Soft Input Panel (SIP)  
virtual keyboard and transcriber software

Audio . . . . . Integrated speaker and microphone for  
audio system events, warnings and notifications

Operating System . . . . . Microsoft Windows Mobile 6

### INPUT/ OUTPUT

Ports . . . . . RS232 9-pin serial port, USB port, DC Power Port  
Integrated Bluetooth

Expansion . . . . . 1 x Type I and 1 x Type II CompactFlash card slots

### STANDARD ACCESSORIES

- Rechargeable PowerBoot module
- Standard CF-Cap™
- International AC recharger (100 V–240 V)
- USB data cable
- Hand strap
- 2 stylus pens
- 2 screen protectors

### CERTIFICATION

Class B Part 15 FCC certification, CE Mark approval and C-tick approval.  
Bluetooth type approvals and regulations are country specific.

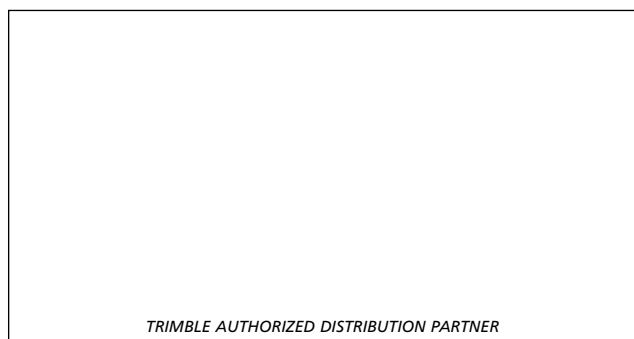
### RECYCLING INFORMATION

For product recycling instructions and more information, please go to  
[www.trimble.com/environment/summary.html](http://www.trimble.com/environment/summary.html).

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<sup>1</sup> No backlight, moderate temperature, no high-power-consuming CompactFlash cards.

Specifications subject to change without notice.



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