

# TDS RECON

TOUGH AS EVER.  
EVEN MORE CAPABLE.



RUGGED AND WATERPROOF



LONG-LIFE BATTERY



WINDOWS MOBILE 5.0



VERSATILE CONFIGURATIONS

## Next-generation Recon adds integrated wireless, more memory, plus Windows Mobile 5.0

The TDS Recon® handheld from Tripod Data Systems™ adds new capabilities to help you do even more in the field. Available integrated Bluetooth and 802.11g wireless keep you connected. Versatile Microsoft® Windows Mobile® 5.0 software runs thousands of applications. Plus, the Recon offers even more Flash memory: 128 MB on the Recon 200X and 256 MB on the Recon 400X.

### Compact, lightweight and built tough

The compact Recon weighs just 17 ounces, yet its rugged design delivers reliable performance in the field. The Recon meets rigorous MIL-STD-810F military standard for drops, vibration, humidity, altitude and extreme temperatures. And with an IP67 rating, it's impervious to water and dust.

### Built-in wireless, plus versatile CompactFlash options

With the Recon, it's easy to make connections in the field. Bluetooth wireless lets you connect to mobile peripherals without cables, while 802.11g wireless gives you access to local area networks, e-mail and the

Internet. What's more, two CompactFlash (CF) slots let you add GPS, digital cameras, bar code scanners and other devices.

### Hard working, yet easy to use

The Recon features a high-performance 200 MHz or 400 MHz Intel XScale processor, an improved touchscreen and a new built-in microphone. Its long-life battery works all day without a recharge. And to keep your data safe, the Recon employs robust, custom designed, high-performance NAND Flash. Its Windows Mobile 5.0 software runs all the applications you use most, including your calendar, e-mail and Mobile versions of Word and Excel, plus PowerPoint.

You never want to compromise in your work. With the Recon, you don't have to.



See all the Recon features at  
[tdsway.com/TDSrecon](http://tdsway.com/TDSrecon)  
or call 541-752-9000

# RECON SPECIFICATIONS

## STANDARD FEATURES

Windows Mobile 5.0 (Premium edition)  
200 MHz or 400 MHz Intel PXA255 XScale processor  
64 MB high-speed SDRAM  
128 MB or 256 MB nonvolatile Flash storage  
Sunlight-readable color TFT display  
Touchscreen  
Rugged waterproof design  
Integrated speaker and microphone  
15 hours of continuous room-temperature operation with default settings  
Optional integrated Bluetooth and 802.11g wireless capability

## STANDARD SOFTWARE

Word Mobile  
Excel Mobile  
PowerPoint Mobile  
Outlook Mobile  
Internet Explorer Mobile  
Contacts  
Tasks  
Notes  
Calendar  
Calculator  
Windows Media Player  
Microsoft Pictures and Videos  
Microsoft ActiveSync  
Microsoft Outlook 2002  
Online help  
Terminal services client

## STANDARD ACCESSORIES

Rechargeable PowerBoot Module™  
Standard CF-Cap™  
AC charger  
USB data cable  
User's guide  
Hand strap  
Two stylus pens  
Package of 10 screen protectors

## OPTIONAL ACCESSORIES

Carry case  
Deluxe case with belt clip and neck strap  
Stylus lanyard  
Serial interface cable

AA PowerBoot Module  
Midsize CF-Cap  
Extended CF-Cap  
Optical CF-Cap  
Tripod bracket, range pole bracket  
12V vehicle charging cable  
CompactFlash cards—GPS, bar code scanners, camera, 802.11 or Bluetooth  
Vehicle mount  
Desktop cradle

## PHYSICAL

**Size:** 6.50" (16.5 cm) x 3.75" (9.5 cm) x 1.75" (4.5 cm)  
**Weight:** 17 ounces (490 g) including rechargeable PowerBoot Module

## ENVIRONMENT

**Operating temperature:** -22 to 140 °F (-30 to 60 C)  
**Storage Temperature:** -40 to 158 °F (-40 to 70 C)  
**Temperature shock:** MIL-STD-810F, Method 503.4  
**Humidity:** MIL-STD-810F, Method 507.4  
**Water:** IP67, sealed against accidental immersion (1 m for 30 min.) MIL-STD-810F, Method 512.4, Procedure I  
**Drop:** 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)  
**Sand and dust:** IP67, MIL-STD-810F, Method 510.4, Procedure I

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

**Altitude:** MIL-STD-810F, Method 500.4, Procedures I, II & III 15,000 ft at 73 °F (23 C)

## ELECTRICAL

**Processor:** Intel PXA255 XScale CPU  
200 MHz (Recon 200X)  
400 MHz (Recon 400X)

**Memory:** 64 MB high-speed SDRAM  
~22 MB reserved

**Storage:** Onboard nonvolatile NAND Flash  
128 MB (Recon 200X)  
256 MB (Recon 400X)  
~31 MB reserved

**Expansion:** 1x Type I and 1x Type II CompactFlash slots

**Display:** 240x320 pixel (1/4 VGA) color TFT with LED front light

**Batteries:** 3800 mAh NiMH rechargeable pack

## I/O

**Ports:** 9-pin serial port—RS232 (115 Kbps)  
USB client  
DC power port



The 9-pin RS-232 serial and USB ports accept standard computer cables for maximum compatibility. And the Recon's internal components are fully sealed and protected in case of accidental immersion in water.



The Recon weighs 17 ounces and has rounded edges that fit comfortably in your hand. Optional modules include a AA PowerBoot Module and various CF-Caps that support larger accessories such as GPS receivers or bar code scanners.

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P.O. Box 947,  
Corvallis, OR 97339

[tdsway.com](http://tdsway.com)



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