

TDS Recon X-Series



This handheld is an environmentally sealed easy to hold unit. It is a Pocket PC type handheld with keys allowing for program navigation. Data Entry is by stylus on the touch screen. The X-series has more memory, integrated bluetooth and 802.11 wireless options, and MS Windows Mobile 2005 operating system.

The Recon has the features required of a ruggedized, reliable field computer:

- 200 or 400 MHz
- rugged & waterproof – IP 67
- long lasting battery, 3800 mAh NiMH
- 15 hours continuous room temp use
- touch screen for finger or stylus
- TFT color screen with backlight

Windows CE SOFTWARE!

The Recon X comes with Windows Mobile 2005 software for Pocket PCs which includes - Mobile: Word, Excel, Outlook, Power Point, Internet Explorer, Calendar, Contacts, Tasks, Notes, Calculator, Windows Media player, MS Pictures and Videos.

Forest Data Collection Software Available for the Recon:

- EcoSurveyCE: traverse, road engineering, deflection line – slope analysis, right-of-way surveys
- ArcPad by ESRI
- Pocket Phoenix by DR systems
- Road Runner – maintenance and activity tracking by DR systems
- Sylva Star silviculture surveys by DR systems

D.R. systems has experience in developing forestry data collection applications. If you have an application you would like developed please contact D.R. systems and we will be more than happy to look at your specifications and create a program for you.

D. R. systems inc.

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SPECIFICATIONS

TDS Recon, X Series

DESIGN	
Size:	6.5" (16.5cm) x 3.75" (9.5cm) x 1.75" (4.5cm)
Weight:	17 oz. (490 g) including rechargeable PowerBoot
Case:	rugged, waterproof design. Yellow or gray with black rubber bumpers
Screen:	240 x 320 pixel (1/4VGA), very bright color TFT display with LED front light. Viewable in direct sunlight, Backlight
Pen and touch screen	Passive touch screen allows use of stylus or finger
Keyboard	10-key fully sealed keyboard for navigation, program control, and cursor movement
PERFORMANCE	
Operating System:	Windows Mobile 2005 software for Pocket PCs
Processor:	200 or 400 MHz PXA255 XScale Processor
Memory:	64 MB low power DRAM 128 MB or 256 MB non-volatile Flash disk for storage
Batteries	3800 mAh NiMH rechargeable battery pack (15 hours continuous use at room temperature on a charge) integrated fast charge (90% capacity in 1 hour)
DATA SECURITY	
Mandatory conformance:	FCC class B, European CE, Canadian CSA
Operating Temperature:	-22° to 140°F (-30° to 60°C)
Sealing:	Humidity: MIL-STD-810F, Method 507.4, Water: IP 67 sealed against accidental immersion (1 meter for 30 minutes) MIL-STD-810F, Method 512.4, Procedure I Sand and Dust: IP67, MIL-STD-810F, Method 510.4, Procedures I and II
Shock:	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 -4°F (-20° C), 6 additional drops at 140°F (60° C)
Vibration	MIL-STD-810F, Method 514.5, Procedure 1, Figure 17, & II
Altitude	MIL-STD-810F, Method 500.4, Procedures I, II and III, 15,000 ft at 73°F (23° C)
COMMUNICATIONS	Standard 9-pin male D-shell RS-232 serial and USB ports
Standard Software	Mobile Word, Excel, Outlook, Powerpoint, Internet Explorer, Calendar, Contacts, Tasks, Notes, Calculator, Windows Media player, MS Pictures & Videos, Desktop version of Outlook 2002, ActiveSync
Expansion	1xType I and 1x Type II Compact Flash Slots
STANDARD Accessories	Rechargeable Powerboot Module, Standard CF cap, AC charger, USB cable, CD-ROM, handstrap, two stylus pens, user's guide
OPTIONS	Serial interface cable, Deluxe international charger kit, vehicle charging cable, Deluxe case with belt clip and neck strap, GPS, GPRS, Camera, bar code scanners, Integrated or CF card - Bluetooth, 802.11

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