

Recon® Data Collector

TECHNICAL SPECIFICATIONS

Physical

Size	16.5 cm × 9.5 cm × 4.5 cm (6.5 in × 3.75 in × 1.75 in)
Weight	0.49 kg (17 oz) with rechargeable PowerBoot module
Processor	400 MHz Intel PXA255 XScale CPU
Memory	64 MB high-speed SDRAM, ~22 MB reserved Onboard non-volatile NAND Flash 256 MB internal Flash disk ¹ , ~31 MB reserved
Battery	Internal 4000 mAh NiMH, rechargeable PowerBoot module, 9 hours charging time

Environmental

Temperature

Operating and short-term	-30 °C to +60 °C (-22 °F to +140 °F)
Long-term storage	-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)

Drop MIL-STD-810F, Method 512.4, Procedure I
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)

Electrical

Expansion 1× Type I and 1× Type II
CompactFlash card slots²

Display 240 × 320 pixel (¼ VGA) color TFT
with LED front light
Sunlight readable color TFT display

Interface touchscreen
10 hardware control keys
Soft Input Panel (SIP) virtual keyboard and
transcriber software
Integrated speaker and microphone for
audio system events, warnings and notifications

Input/Output

Communications Integrated Bluetooth²
Standard 9-pin male D-shell RS-232 serial port
USB-Guest port, DC power port

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

STANDARD ACCESSORIES

- Rechargeable PowerBoot™ Module
- Standard CF-Cap™
- International AC re-charger (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.spectraprecision.com/ev.shtml.

1. On Recon 400X only.
2. 128 MB on 400NX.



ICM of America
Internet Sales
877-494-5793