

# SPECTRA PRECISION®

## NOMAD™ DATA COLLECTOR

## SPECSHEET

### STANDARD FEATURES

- Windows Mobile 6.1 (Professional in WWAN models; Classic in all other models)
- Marvell 806 MHz XScale processor
- 128 MB DDR SDRAM
- 512 MB to 2 GB non-volatile internal flash storage
- Full VGA touchscreen display, sunlight-readable color TFT
- Environmentally rugged design
- Integrated speaker and microphone
- Integrated Bluetooth 2.0
- Secure Digital (SD/SDHC) slot
- Numeric style keypad
- Notification LEDs
- USB host and client
- Audio jack
- 15-hour battery life with active use (default settings)
- Keypad backlighting for night use
- 12-month limited warranty

### CONFIGURATION OPTIONS

- Integrated WWAN Quad-band GSM GPRS/EDGE capability
- Integrated GPS (SiRFstarIII, WAAS Capable, SiRFInstantFixII)
- Integrated WLAN Wi-Fi wireless capability
- CompactFlash (CF) (Type II) slot (on 900B model only)
- Integrated digital camera (color, 5 megapixel resolution, with flash)

### STANDARD SOFTWARE

- Microsoft Office Mobile
  - Word Mobile
  - Excel Mobile
  - PowerPoint Mobile
  - Outlook Mobile
  - Pocket OneNote
- Internet Explorer Mobile
- Notes/Tasks
- Calculator
- Windows Media Player
- Microsoft Pictures and Videos
- Online help
- Contacts/Calendar
- Microsoft ActiveSync®

### STANDARD ACCESSORIES

- Rechargeable Li-Ion battery module
- Hand strap
- Stylus lanyard
- Getting Started CD with ActiveSync
- USB boot
- Rugged stylus with spring-loaded tip
- User's guide
- International AC charger
- Screen protectors
- USB data cable

### PHYSICAL

Size . . . . . 17.6 cm x 10.0 cm x 5.0 cm (6.92 in x 3.92 in x 1.96 in)  
Weight . . . . . 596 g (21oz) including rechargeable battery

### CERTIFICATIONS

FCC, CE/R & TTE, IC (Canada), C-Tick, RoHS Compliant, PTCRB, GCF Compliant, AT&T network compatible, Section 508 compliant, CCX v4, MIL-STD-461E RE102, MIL-STD-461E RS103



### ENVIRONMENTAL SPECIFICATIONS

#### Meets or exceeds:

Sand & dust . . . . .	MIL-STD-810F, Method 510.3, Procedures I, II IEC-529, IP67
Water . . . . .	Immersed in 1 m (3.28 ft) of water for 30 minutes Water Jet 12.5 mm (0.49 in) dia. @ 2.5 m-3 m (8.2 ft-9.84 ft), 100 liter (26 gal)/min; MIL-STD-810F, Method 512.4, Procedure I, IEC-529, IP67
Drop . . . . .	26 drops at room temperature 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) MIL-STD-810F, Method 516.5, Procedure IV
Vibration . . . . .	General Minimum Integrity and Loose Cargo test MIL-STD 810F, Method 514.5, Procedure I, II
Operating Temperature . . . . .	-30 °C to 60 °C (-22 °F to 140 °F) MIL-STD 810F, Method 501.4, Procedure II MIL-STD 810F, Method 502.4, Procedure I, II, III
Storage Temperature . . . . .	-40 °C to 70 °C (-40 °F to 158 °F) MIL-STD 810F, Method 501.4, Procedure I MIL-STD 810F, Method 502.4, Procedure I, II, III
Temperature shock . . . . .	-35 °C/+65 °C (-31 °F/149 °F) MIL-STD-810F, Method 503.4, Procedure I
Humidity . . . . .	90%RH temp cycle 0 °C/+70 °C (32 °F/158 °F) MIL-STD-810F, Method 507.4
Altitude . . . . .	4572 m (15,000 ft) at 23 °C (73 °F) and 12,192 m (40,000 ft) at -30 °C (-22 °F) MIL-STD-810F, Method 500.4, Procedures I, II, III

### ELECTRICAL

Processor . . . . .	Marvell PXA320 XScale 806 MHz
Memory . . . . .	128 MB DDR SDRAM; ~30 MB reserved
Storage . . . . .	512 MB to 2 GB onboard non-volatile NAND Flash; ~50 MB reserved
Expansion . . . . .	1x SD/SDHC slot (all models), 1x Type II CF slot (900B)
Display . . . . .	480 x 640 pixel (VGA) 16-bit color TFT with LED backlight
Batteries . . . . .	5200 mAh Li-Ion rechargeable pack*
I/O . . . . .	USB Host and client, power, audio jack
Radios . . . . .	Bluetooth 2.0 + EDR; WLAN: WiFi (CCX) 802.11b/g WWAN: Quad-band GSM GPRS/EDGE

### NOTICE TO OUR EUROPEAN UNION CUSTOMERS

For product recycling instructions and more information, please go to [www.spectraprecision.com/ev.shtml](http://www.spectraprecision.com/ev.shtml).

#### Recycling in Europe:

To recycle Spectra Precision WEEE (Waste Electrical and Electronic Equipment products that run on electrical power), call +31 497 53 24 30, and ask for the "WEEE Associate". Or, mail a request for recycling instructions to: Spectra Precision, c/o Menlo Worldwide Logistics, Meerheide 45, 5521 DZ Eersel, NL.

*To ensure best performance when temperatures are below -20 °C (-4 °F), be sure battery is inserted in the device only when in use. When device is not in use at these temperatures, keep batteries in a pocket or stored in a warmer area.*

*Specifications are subject to change without prior notice.*



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