

# SPECTRA PRECISION®

## NOMAD™ DATA COLLECTOR

## SPECSHEET

### 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 Lithium-Ion battery module
- International AC re-charger (100 V–240 V)
- Standard CF-Cap
- USB data cable
- Hand strap
- Stylus pen
- Stylus pen lanyard
- 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.

### 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.



Specifications are subject to change without prior notice.

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### TECHNICAL SPECIFICATIONS

#### 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 . . . . . 0.596 kg (21 oz) with rechargeable Lithium-Ion battery module  
Processor . . . . . 806 MHz Marvell PXA320 XScale CPU  
Memory . . . . . 128 MB high-speed DDR SDRAM, 1 GB internal Flash disk  
Battery . . . . . Internal 5200 mAh Lithium-Ion, rechargeable battery module  
15 hours battery life with active use (default settings)

#### 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 510.3, Procedures I & II  
Water . . . . . IPX7, sealed against accidental immersion (1 m for 30 minutes)  
MIL-STD-810F, Method 512.4, Procedure I, Water  
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  
Altitude . . . . . MIL-STD-810F, Method 500.4, Procedures I, II and III;  
4572 m (15,000 ft) at +23 °C (+73 °F)

#### Electrical

Expansion . . . . . 1x Secure Digital (SDIO) slot, USB-Host port  
CF-Cap protects from rain, wind, and dust  
Display . . . . . 480x640 pixel (full VGA) 16 bit color TFT with LED backlight  
Sunlight readable color TFT display  
Interface . . . . . touchscreen  
Numeric keypad and hardware control keys with backlight (22 keys)  
Soft Input Panel (SIP) virtual keyboard and transcriber software  
Notification LED's  
Integrated speaker and microphone for  
audio system events, warnings and notifications

#### Input/Output

Communications . . . . . Integrated Bluetooth 2.0  
Integrated 802.11b/g wireless capability (WiFi)  
Integrated navigational grade GPS (SiRFStar III, WAAS capable)  
Standard 9-pin male D-shell RS-232 serial port (115 kbps)  
Mini USB-Guest port  
DC power port



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