

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.

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.

**Only available in the Nomad 800X Model*



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 and 2 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
(Humidity, 90%RH temp cycle -20 °C/+60 °C)
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
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 (800LD), or 1 x CF slot (800X),
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)
Integrated Quad-band GSM GPRS/EDGE capability*
Standard 9-pin male D-shell RS-232 serial port (115 kbps)
Mini USB-Guest port
DC power port



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