

Windows® CE PDA



### Features:

- Intel® XScale™ PXA255 400MHz processor
- Windows® CE v 4.2 operating system
- Integrated bar code scanner (laser or linear imager)
- Ruggedized (IP54 & 4' drop)
- Optional handle for scan intensive applications
- Open architecture-user accessible SD & CF slot
- 802.11g wireless LAN (optional)

### Accessories:

- Standard and high-capacity Lilon rechargeable batteries
- Four-slot Lilon battery charger
- Single-slot dock (with ethernet option)
- Four-slot ethernet dock
- Triggered handle
- Powered Vehicle Dock
- Bluetooth® card and cover
- Car charger/adapter
- Holster
- Extended warranty
- Service options

## Mechanical

Dimensions

**Length:** 6.6" / 16.8 cm Width: 3.1" / 7.8 cm Height: 1.3" / 3.3 cm

Weight: With battery 12.7 oz / 360 g Without battery 11.1 oz / 315 g

Display: 3.5" / 8.9 cm, 240 x 320 graphic, transflective TFT, 256,000 colors, sunlight readable (for outdoor use)

Keypad: 17 keys, plus 4-way navigation

Construction: Industrial, high-strength polycarbonate/ABSblend plastic

Indicators: One triple-color LED for ALARM notification (R) and charger indicator (G/B) and one dual-color LED for scanner indicator

### Environmental

Temperature rating

Operating: 14° to 122° F / -10° to 50° C Storage:  $-4^{\circ}$  to  $140^{\circ}$  F /  $-20^{\circ}$  to  $60^{\circ}$  C

Humidity: 5 to 95% NC

Shock: Multiple 4.0' / 1.2m drops to concrete Water & Dust: IEC529 rating IP54

### **Decoding capability** (autodiscriminates)

· Code 4, 11, 32, 39, 93, 128 · Codabar/NW7 · LIPC-F • UCC/EAN 128 • Matrix 2 of 5 · Interleaved 2 of 5

• EAN-8/JAN-8 • MSI/Plessey · UPC-EAN Add-on 2/5 • EAN-13/UPC-A • Korea Code 35 · EAN-8 Convert to EAN -13 · IATA-25 · Italian Pharmacy · UPC-E Convert to UPC-A

 ISBN Industrial 2 of 5
China Postage/Datalogic 25

### Optical

Linear imager

Light source: 617nm highly visible LED Scan rate: Up to 200 scans/second Depth of field: See depth of field table below

### Laser Scanner

Light source: 650nm VLD

Scan rate: 39 scans/second nominal

Depth of field: See depth of field table below

### **DEPTH OF FIELD**

Typical Range Comparisons		
LABEL	LINEAR	LASER
DENSITY	IMAGER	SCANNER
5 mil	4.4 - 6.6" / 11.2 - 16.8 cm	2.2 - 5.0" / 5.6 - 12.7 cm
7.5 mil	_	1.8 - 7.5" / 4.6 - 19.1 cm
10 mil	2.8 - 9.2" / 7.0 - 23.3 cm	2.0 - 9.7" / 5.1- 24.6 cm
100% UPC	1.8 - 9.4" / 4.5 - 24.0 cm	2.8 - 9.2" / 7.0 - 23.3 cm
13 mil	_	2.0 - 12.0" / 5.1- 30.5 cm
20 mil	1.7 - 11.8" / 4.4 - 30.0 cm	* - 15.0" / * - 38.1 cm
40 mil	4.7 - 15.7" /12.0 - 40.0 cm	* - 22.0" / * - 55.9 cm
55 mil	_	* - 29.0" / * - 73.7 cm
	1 . 1 11 1 11	4 1 1

Minimum distance determined by symbol length and scan angle. Printing resolution, contrast and ambient light dependent



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# Data Sheet

### System

Operating system: Windows® CE v4.2

Microprocessor: Intel® XScaleTM PXA255, 400 MHz Memory: 64MB flash ROM, 64MB SDRAM, option for 128MB

SDRAM on select models

Communications Ports Infrared: One IrDA 1.2 compliant port

Serial: RS-232 via optional cable or cradle

USB: Supports USB vl.1 both host & client (dock & terminal)

### **Expansion Slots**

SD: (Secure Digital) card slot

CF: (Compact Flash) Type II slot (3.3V)

Audio: One mono speaker, 2.5mm stereo earphone jack with microphone input (headset)

Power Options: 1800mAh Lilon removable/rechargable battery, Optional 2700mAh battery, 25mAh rechargable backup battery (Holds system data at least 2 hours without main battery), AC adapter with 100-240 VAC, 50-60Hz, support for Xscale application modes including: Turbo Mode, Normal mode, Idle Mode, Sleep Mode.

Radio Support: Optional integrated 802.11g

System Support: VT100/220, HP700/92, IBM 3270/5250 terminal emulators; Browser support via Microsoft® Internet Explorer; TCP/IP communications.

### **Management Tools**

Falcon Desktop Utility (FDU) for security & configuration. Falcon Management Utility (FMU) or Wavelink Avalanche for remote device management & software distribution.

### **Development Environments**

Many standard Windows® CE development tools, (Embedded Visual C++, Visual C# .NET, Visual Basic .NET, Personal Java 1.1), Java Virtual Machine (JVM), Falcon® CE Developers Toolkit, and Wavelink® Studio.

### **Docking Station**

Spare battery charging slot, USB host and client interface, Standard RS-232 communication, ethernet module ready (optional).

### Safety and Regulatory

Battery: EN60950, UL60950-1, IATA/UN Electrical: EN60950, UL60950, CSA 60950 Emissions: FCC Part 15-B, VCCI, CISPR 22 Radio: FCC Part 15-C, R&TTE, IC, IDA,

Radio Approved Countries: Contact PSC Linear Imager Safety: Class 1 LED (Europe)

Laser classification: CDRH Class II;

(CAUTION: Laser Radiation – do not stare into beam) IEC 60825-1, Class 2

Restriction of Hazardous Substances: Complies to EU RoHS











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