

Windows® CE.NET PDA



Features:

- Intel[®] XScale[™] PXA255 400MHz Processor
- Windows CE .NET 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
- 802.11b Wireless LAN (optional)

Accessories:

- Standard and High-Capacity Li-lon Rechargeable Batteries
- 4 Slot Lilon Battery Charger
- Single-Slot Dock (with Ethernet Option)
- Four-Slot Ethernet Dock
- Triggered Handle
- · GPRS Card and Cover
- · Car Charger/Adapter
- Holster
- Extended Warranty
- Service Options

Data Sheet

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 readeable (for outdoor use)

Keypad: 17 keys, plus 4-way navagation

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° to 140° F / -20° to 60° C

Humidity: 5 to 95% NC

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

Decoding Capability (autodiscriminates)

· LIPC-F Codabar/NW7 · Code 4.11.32.39.93.128

 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 China Postage/Datalogic 25 Industrial 2 of 5

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

Typical Range Comparisons		
LABEL DENSITY	LINEAR IMAGER	LASER 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	_	20 - 120" / 51- 305 cm

DEPTH OF FIELD

m cm 10 cm 1.7 - 11.8" / 4.4 - 30.0 cm 20 mil * - 15.0" / * - 38.1 cm 40 mil 4.7 - 15.7" /12.0 - 40.0 cm * - 22.0" / * - 55.9 cm

System

Operating System: Windows® CE.NET 4.2 Microprocessor: Intel® XScaleTM PXA255, 400 MHz Memory: 64MB flash ROM, 64MB SDRAM

Communications Ports

Infrared: One IrDA 1.2 compliant port Serial: RS232 via optional cable or cradle

USB: Supports USB v1.1 both host & client (dock & terminal)

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 802.11b

System Support: VTI00/220, 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 managment & 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 RS232 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









959 Terry Street Eugene OR 97402-9150 USA Tel: 800 695 5700 or 541 683 5700

Fax: 541 345 7140







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