LYNX™

DATALOGIC

COMPACT AND COMPLETE

The Lynx™ PDA combines the latest technology in a pocketable and robust package. This state-of-the-art PDA features an 806 MHz processor with 256 MB RAM and 512 MB Flash, all delivered in the industry's most appreciated ergonomic form factor. The Lynx PDA has handy LED's to provide instant status on battery charging, good read indicator and keyboard state. It offers a vibrator for customizable alerts and an accelerometer to automatically orient the display.

INDOOR AND OUTDOOR RELIABILITY

The Lynx PDA offers excellent aesthetics complimented by industrial robustness that survives indoor and outdoor usage. A high drop resistance rating ensures the ruggedness of the Lynx PDA.

DATA CAPTURE

The Lynx PDA comes equipped with either a 1D laser scanner or a 2D bar code imager. For emerging applications requiring evidence of task execution or damaged documentation, an autofocus camera is included with a built-in flash providing a solution to collect and document with photos.

WIRELESS COMMUNICATIONS

The Lynx wireless technology provides four radios with internal antennas: Bluetooth® EDR for fast and close data connections, 802.11 b/g/n Cisco CCX v4 certified for quick wireless network access, 3G/4G (HSPA+) for real-time wide area communication and Assisted GPS (A-GPS) with Qualcomm gpsOneXTRA Assistance technology for location based applications.

DEVELOP, DEPLOY, DIRECT

The Lynx PDA integrates the latest Microsoft operating system using Windows® Embedded Handheld 6.5 for mobile devices. This industry leading operating system is complimented by Wavelink Avalanche® to enable fast configuration and deployment.

FEATURES

- Ergonomic, compact and robust
- Microsoft® Windows Embedded Handheld 6.5
- Qualcomm gpsOneXTRA Assistance technology for location-based applications
- 3G/4G (HSPA+) mobile radio for voice and data communication
- Summit embedded 802.11 b/g/n radio Cisco CCX v4 certified for enterprise-class mobile connectivity
- Bluetooth® wireless technology Class 2 with EDR for simultaneous connections with lower power consumption
- Laser or wide aspect 2D imager
- 3 Megapixel autofocus camera with flash
- 256 MB RAM / 512 MB Flash memory
- XScale™ PXA 310 @ 806 MHz processor
- User-accessible micro SD memory slot (SDHC)
- Ruggedized with 1.2 m / 4 ft drop to concrete resistance and IP54 protection class
- Wavelink Avalanche® device management pre-licensed
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY-APPLICATIONS

- **Retail:** Merchandising, Pricing, Stock Management, Inventory, Assisted Sales and Gift Registry
- **T&L:** Route Accounting, Direct Store Delivery, Work Force Management, Courier Value-added Services and Ticket Verification
- **Manufacturing:** Electronics & Computers/Food & Beverage Merchandising, Field Sales and Management
- **Hospitality/Entertainment:** Cinemas, Theaters, Museums, Events, Travel, Leisure and Ticket Verification
- **Services:** Commercial Services, Library Management

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TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATIONS

LOCAL AREA NETWORK (WLAN)	Summit IEEE 802.11 b/g/n Cisco CCX v4 certified Frequency range: Country dependent, typically 2.4 GHz bands
PERSONAL AREA NETWORK (WPAN)	Bluetooth® Wireless Technology IEEE 802.15 v2.0 with EDR
WIDE AREA NETWORK (WWAN)	3G/4G (HSPA+), 4G when used on AT&T network with enhanced backhaul: 800/850/900/1900/2100 MHz; GSM/GPRS/EDGE: 850, 900, 1800, 1900 MHz for voice and data communication; SIM socket under the battery
GLOBAL POSITION SYSTEM (GPS)	Integrated Assisted-GPS (A-GPS) with Qualcomm gpsOneXTRA Assistance technology

DECODING CAPABILITY

1D / LINEAR CODES	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D CODES	Aztec Code, Data Matrix, MaxiCode, QR Code, UPU FICS, USPS Intelligent Mail
POSTAL CODES	Australian Post, Japan Post, KIX Code, PLANET, POSTNET, Royal Mail Code (RM4SCC)
STACKED CODES	Micro-PDF417, PDF417, GS1 DataBar Composites, GS1 DataBar Expanded Stacked, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional

ELECTRICAL

BATTERY	Removable battery pack with rechargeable Li-Ion batteries. Standard: 3.7 V; 1800 mAh (6.7 Watt-hours) Extended: 3.7 V; 3600 mAh (13.3 Watt-hours)

ENVIRONMENTAL

DROP RESISTANCE	Withstands drops from 1.2 m / 4.0 ft onto concrete
PARTICULATE AND WATER SEALING	IP54
TEMPERATURE	Operating: 0 to 50 °C / 32 to 122 °F Storage/Transport: -20 to 70 °C / -4 to 158 °F

INTERFACES

INTERFACES	Micro-USB connector: USB 1.1 Client and USB 1.1 Host Handylink connector: integrated RS-232 up to 115.2 Kbps, USB 1.1 Client, USB 1.1 Host Ethernet: via single dock (external module) or multiple cradle

PHYSICAL CHARACTERISTICS

DIMENSIONS	With Standard Battery: 14.4 x 6.8 x 2.7 cm / 5.6 x 2.6 x 1.0 in With Hi-Capacity Battery: 14.4 x 6.8 x 3.3 cm / 5.6 x 2.6 x 1.3 in
DISPLAY	TFT-LCD color display QVGA: 320 x 240 pixels; 2.7 in diagonal; 262, 144 color display capability; Full Graphics with backlight; Touch Screen
KEYBOARD	27-key Numeric or 46-key QWERTY backlit keyboard standard; Side scan keys and volume setting
WEIGHT	With Standard Battery: 270.0 g / 9.5 oz With Hi-Capacity Battery: 300.0 g / 10.6 oz

READING PERFORMANCE

CAMERA	Resolution: 3 megapixel; Illumination: User controllable flash; Lens: Auto focus
IMAGING	Optical Resolution: Linear codes: 4 mils; 2D codes: 5 mils; Scan Rate: 60 frames/sec maximum Depth of Field: 3.5 to 41.5 cm / 1.4 to 16.4 in, depending on bar code density and type Resolution: VGA (752 H x 480 V pixels), 256 gray scale Image Format: BMP, JPEG
LASER	Scan Rate: 104 +/- 12 scan/sec Optical Resolution: 0.10 mm / 4 mils Depth of Field: 3 to 62 cm / 1.2 to 24.4 in, depending on bar code density

SAFETY & REGULATORY

AGENCY APPROVALS	The product meets necessary safety and regulatory approvals for its intended use.
ENVIRONMENTAL COMPLIANCE	Complies to EU RoHS
LASER CLASSIFICATION	VLD - Class 2 IEC/EN60825-1; Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice No. 50 dated June 24, 2007.

SOFTWARE

APPLICATIONS	Pal™ Application Library Vo-CE™ (voice recognition) Wavelink SpeakEasy (voice recognition) Wavelink Industrial Browser™
CONFIGURATION AND MAINTENANCE	Wavelink Avalanche® pre-licensed Avalanche Remote Control™ Avalanche SecurePlus™ Datalogic Firmware Utility (DFU) Datalogic Desktop Utility (DDU) Datalogic Configuration Utility (DCU) Datalogic Locked Browser (WAL)
DEVELOPMENT	Datalogic Windows SDK™ MCL-Collection™ Wavelink Studio™ Java Virtual Machine
TERMINAL EMULATION	Wavelink Terminal Emulation™ Wavelink ConnectPro™

SYSTEM

EXPANSION SLOTS	Micro-SD card slot: Compatible with Micro SD-HC cards; User-accessible
MEMORY	System RAM: 256 MB System Flash: 512 MB
MICROPROCESSOR	XScale™ PXA310 @ 806 MHz
OPERATING SYSTEM	Microsoft Windows Embedded Handheld 6.5 with Mobile Tools: Outlook, Word Mobile, Excel Mobile, PowerPoint Mobile, One Note Mobile and Internet Explorer Mobile 6.0
REAL-TIME CLOCK	Time and date stamping under software control

WARRANTY

WARRANTY	1-Year Factory Warranty



Caution: Laser Radiation - do not stare into beam

ACCESSORIES

Base Stations/Chargers



• 94A150036
Single Slot Dock (SSD)



• 94A150037 4-Slot Charging Dock
• 94A150038 4-Slot Ethernet Dock

• 94A150039 4-Slot
Battery Charger



• 94ACC1371 SSD
Ethernet Module



• 94ACC1372 SSD
Modem Module

Miscellaneous

• 95ACC0002 Headset VXI VR12



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