DATALOGIC

LYNX™ PDA

Designed With a Combination of Ruggedness and Technology....

DATALOGIC

Industrial with Mobility... Real-time Data Communications...

Field Sales Applications...

Field Sales Managers and Sales Representatives spend a great deal of time on the road visiting customers, taking orders and checking stock availability. They need to be able to send and receive data in a fast and secure way, increasing efficiency and productivity. They will usually communicate using a specific software interface (CRM, SQL database, etc.) while implementing standard tools such as Microsoft® Office® programs. Their office is typically in a vehicle. They need a reliable product, capable of communicating easily and made to withstand the rigors of life on the road.

The Lynx™ PDA is the answer! A single device with everything inside: a GPS feature for being in the right place at the right time, a cellular module for calls and fast data transfer with vibrant displays readable in indoor or outdoor lighting conditions. All of this is packed into an ergonomic, robust and compact case.

Retail In-Store...

Successful department store managers need to have access to all products at any specific time in any area of a store without losing contact with customers. They also need the ability to be reached through a VoIP connection with the same device.

Datalogic's Lynx PDA offers a b/g/n radio capable of working in all infrastructures. It includes the fastest connection available today and the highest level of security is guaranteed. The Lynx PDA also has a camera to take pictures and your choice of a laser reader or a 2D imager for reading bar codes. All of these features assure that you will always be able to capture the pertinent information. With the Lynx PDA in your pocket, no other tool is required!

Easy to Integrate...

DATALOGIC CONFIGURATION UTILITY

The Datalogic Configuration Utility (DCU) is an easy to use PC based application to set up and configure the mobile device.

DATALOGIC DESKTOP UTILITY

The Datalogic Desktop Utility (DDU) restricts computer access according to business need. Limitations can be placed on Internet Explorer and the desktop.

DATALOGIC FIRMWARE UTILITY

The Datalogic Firmware Utility (DFU) upgrades mobile computer firmware.

SDK™

Windows SDK™, an open source software development kit (SDK), aids in creating applications for Windows operating systems or alternative environments like Java Virtual Machine. The SDK provides a set of libraries allowing easy application development using C++ and .NET programming languages.

WAVELINK AVALANCHE - PRE-LICENSED

Wavelink® Avalanch™, Mobility Center or Site Edition streamlines device deployment, site management and maintenance. Scan to Configure functionality configures devices by simply scanning a set of customized bar codes.

WAVELINK TERMINAL EMULATION

Wavelink's Terminal Emulation (TE), the industry standard, extends mission-critical applications resident on mainframe systems out to mobile workers. TE is a comprehensive solution for accessing and managing connections to applications resident on host systems using 5250, 3270, VT and HP emulation.

Top Features...

Size, Shape and Ergonomic: Everything you need in a pocket size PDA with the latest configuration.

Latest cellular module for wide area mobile phone coverage: 3G/4G (HSPA+) supports downloads at 14.4 Mbps, uploads at 5.7 Mbps; 5 UMTS band support (includes 900 MHz for Europe) for future application needs.

A-GPS with Qualcomm gpsOneXTRA Assistance technology for location-based applications with real-time updates. Provides directions for drivers in any situation.

Includes 802.11 b/g/n wireless communications for working with the newest infrastructures and assuring security. The 'n' radio is 5 times faster than the 802.11 'g' and is CCV v4 certified.

SHOWN ACTUAL SIZE

Ready to use 'out-of-the-box'.

An all-light visible QVGA display allows use of the Lynx PDA both indoors or outdoors indiscriminately.

Choose between a 1D laser scanner or a 2D bar code imager to enable rapid and intuitive capture of data in the types of bar codes used throughout retail industries.

Equipped with a 3MP autofocus camera with a built-in flash to capture high quality pictures. Useful when needing to document 'proof of condition' for products damaged during shipping, confirming a broken piece of equipment, or a signature on a document. In the retail sector, this feature is useful for merchandising and planograms.

Choice of QWERTY or Numeric keyboard to meet diverse application needs.

Options...

FORM FACTOR	KEYBOARDS	SCANNER-CAMERA	COMMUNICATIONS

PDA

Numeric 27-Key

1D laser

- Bluetooth® Wireless Technology (standard on all models)
- WiFi (standard on all models)
- 3G/4G (HSPA+)
- A-GPS

QWERTY 46-Key

2D Imager

3 Megapixel Camera / Flash (not on basic model Laser Wi-Fi)

Accessories...

Single-Slot Dock

Single-Slot Dock: Ethernet - Modem Module

Four-Slot Dock: Ethernet - Charger

Standard and High Capacity Batteries

Four-Slot Battery Charger

Stylus

Specifications...

SOFTWARE

DEVELOPMENT

Datalogic Windows SDK™
Wavelink® Studio™
MCL-Collection™
Java Virtual Machine

CONFIGURATION AND MAINTENANCE

Wavelink® Avalanche™ MC Pre-licensed
Wavelink® Avalanche™ SE Pre-licensed
Avalanche™ Remote Control™
Datalogic Firmware Utility
Datalogic Desktop Utility
Datalogic Configuration Utility

TERMINAL EMULATION

Wavelink® Terminal Emulation
Wavelink® Certificate Manager

SECURITY

Wavelink® Secure Plus
Wavelink® Certificate Manager

APPLICATIONS

Wavelink® SpeakEasy™ Voice Recognition
Pal™ Application Library Pre-licensed

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 (A-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

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Product specifications are subject to change without notice.

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Caution: Laser Radiation - do not stare into beam