pegaso™

Industrial PDA

HIGHLIGHTS

• OUTSTANDING ERGONOMICS
Comfortable in both small and large hands. Extended capacity battery integrated into design.

• VERSATILITY AND FLEXIBILITY
A full range of quick-attach accessories, including a handle and Mag Stripe Reader, enables rapid transition between tasks.

• CONNECTABILITY
A wide variety of wireless and cabled options including USB On-The-Go and Bluetooth. SDIO port located on the top for easy access and extended cards.

• FULL VGA DISPLAY
Viewable indoors or outdoors, provides high resolution for exceptional clarity.

• RUGGEDNESS
Durable design with extensive overmold minimizes downtime and cost of ownership.

• QUICK SWAP BATTERY
Convenient one piece battery with integrated cover allows one-handed replacement of the battery. Spare battery charger located in front of the dock for easy access.

• VERSATILE DOCK
Durable docking connector with low insertion force, rated to 20,000 cycles for years of trouble free use. USB host and client connections through the dock for interface to printers or other USB device.

FEATURES

- Microsoft Windows CE 5.0 operating system and Microsoft Windows Mobile 6.0
- Intel® XScale® PXA270 520MHz processor
- Integrated bar code scanner
- Ruggedized (IP64 & 1.5 m/5 ft drop)
- Optional handle for scan intensive applications
- Open architecture–user accessible SDIO slot
- 802.11b/g wireless LAN (CCX v4 certified), Bluetooth® GSM/GPRS/EDGE Wireless WAN cellular data connection
- Full VGA (480X640) TFT LCD display with touch panel

APPLICATIONS

- Inventory control
- Price verification
- On floor multimedia sales assistance
- Managerial all-in-one device
- Mobile POS, e.g. line busting
- Field force automation
- Route accounting & direct store delivery (DSD)
- Gift registry

www.mobile.datalogic.com

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Specifications

Accessories

PHYSICAL CHARACTERISTICS

DIMENSIONS	175 x 81 x 48 mm (6.9 x 3.2 x 1.9 in)
WEIGHT	479 g (16.9 oz) with 3300mAh battery
DISPLAY	9.1 cm (3.6 in) full VGA 480 X 640 with option to operate in ¼ VGA mode, 64k color. Transflective Polysilicon TFT LCD with LED Backlight
KEYBOARD	19 keys, backlit, plus 4 way navigation. Hard key caps for durability
OPERATING TEMPERATURE*	-10° to 50° C (14° to 122° F)
STORAGE TEMPERATURE*	-30° to 70° C (-22° to 158° F)
DROP RESISTANCE	Multiple 1.5 m (5.0 ft) drops to concrete
PROTECTION CLASS	IEC529 rating IP64DW

Charging accessories operate within 0° to 40° C (32° to 104° F)

SYSTEM

OPERATING SYSTEM	Windows Mobile 6.0 Professional Edition or Windows CE 5.0
MICROPROCESSOR	Intel XScale PXA270, 520 Mhz
SYSTEM RAM MEMORY	64MB or 128MB
SYSTEM FLASH MEMORY	128MB
VOICE OPTIONS	VoIP, Walkie Talkie (sold separately)
MAIN BATTERY	Rechargeable Li-Ion battery pack; 3300 mAh @ 3.7v Nominal (RF); 2200 mAh (Batch)
BACKUP BATTERY	Rechargeable Li-Ion, 140 mAh

COMMUNICATIONS

INTERFACES	RS232, USB OTG with 500 mA power output, RS232
LOCAL AREA NETWORK (LAN)	Wi-Fi IEEE 802.11b/g, USB OTG with 500 mA power output, RS232 Cisco CCX v4 certified (optional) Frequency range: Country dependent, typically 2.4-2.5 GH Integrated module
WIDE AREA NETWORK (WWAN)	Integrated GSM/GPRS/EDGE class 12 cellular modem. Quad-Band (850/900/1800/1900 MHz) up to 236 kbps (optional)
PERSONAL AREA NETWORK (PAN)	IEEE 802.15 Bluetooth® class 2, v1.2 (optional) Integrated module
I/O SLOTS	1 Secure Digital (SDIO) card slot, user accessible
AUDIO	Stereo (headset), 2.5 mm jack
DOCK COMMUNICATIONS	USB OTG & RS232; Modem and Ethernet optional

READING OPTIONS

LASER CHARACTERISTICS

SCANNING RATE	104 ± 12 scan/sec
MINIMUM RESOLUTION	0.10 mm / 4 mils
DEPTH OF FIELD	5 to 90 cm (2 to 35 in), depending on bar code density
BAR CODES	Code 32, Code 39, Code 93, Codabar, Code 128, EAN/JAN 8, EAN/JAN 13, EAN 128, UPC A, UPC E, Interleaved 2/5, Matrix 2/5, MSI, Standard 2/5, Code 39 Full ASCII, EAN/UPC 2 digit ext., EAN/UPC 5 digit ext., RSS-14/RSS Limited /RSS Expanded
MAGNETIC STRIPE READER	Quick Attach, Tracks 1,2,3

SAFETY AND REGULATORY

BATTERY	UL1642, IATA/UN 3090, UL2054
ELECTRICAL	EN55022, EN60950, UL60950, CSA 60950, EN60950-1, UL60950-1, CSA60950-1, IEC 60950-1
EMISSIONS	FCC Part 15-B, CISPR 22
HUMAN EXPOSURE	EN50361, EN50371, EN50392, IEEE 1528
RADIO	FCC Part 15-C, R&TTE, IC
LASER CLASSIFICATION	VLD - Class 2/II EN 60825-1/CDRH
RESTRICTION OF HAZARDOUS SUBSTANCES	Complies to EU RoHS

⚠ Caution: Laser Radiation - do not stare into beam

Please refer to user manual available at www.mobile.datalogic.com/manuals for information on product use limitation.

For more product information & software downloads see: www.mobile.datalogic.com/pegaso

Single-slot Dock

Quick Attach Handle

Spare Battery Charger

Mag Stripe Reader

Powered Mobile Dock

◆DATALOGIC ™
DATALOGIC MOBILE

January 2009