

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 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 graphics or video applications.

- **RUGGEDNESS**
Durable design with extensive over-mold 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 devices.

FEATURES

- Windows® CE 5.0 operating system
- Intel® XScale® PXA270 520MHz processor
- Integrated bar code scanner
- Ruggedized (IP64 & 5 ft drop)
- Optional handle for scan intensive applications
- Open architecture—user accessible SDIO slot
- 802.11b/g WiFi wireless LAN (CCX v3 certified), Bluetooth® (available soon)
- 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

Specifications

PHYSICAL CHARACTERISTICS

| | |
|------------------------|--|
| DIMENSIONS | 6.9 x 3.2 x 1.9 in (175 x 81 x 48 mm) |
| WEIGHT | 16.9 oz (479 g) with 3300mAh battery |
| DISPLAY | 3.6 in (9.1 cm) 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* | 14° to 122° F (-10° to 50° C) |
| STORAGE TEMPERATURE* | -22° to 158° F (-30° to 70° C) |
| DROP RESISTANCE | Multiple 5.0 ft (1.5 m) drops to concrete |
| PROTECTION CLASS | IEC529 rating IP64DW |

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

SYSTEM

| | |
|---------------------|---|
| OPERATING SYSTEM | Microsoft 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 v3 certified (optional) Frequency range: Country dependent, typically 2.4-2.5 GHz Integrated module |
| 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 |

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 (available August, 07) |

SAFETY AND REGULATORY

| | |
|-------------------------------------|--|
| BATTERY | EN60950, UL60950-1, IATA/UN 3090, UL2054 |
| ELECTRICAL | EN60950, UL60950, CSA 60950 |
| EMISSIONS | FCC Part 15-B, CISPR 22 |
| RADIO | FCC Part 15-C, R&TTE, IC, IDA |
| LASER CLASSIFICATION | CDRH Class II |
| RESTRICTION OF HAZARDOUS SUBSTANCES | Complies to EU RoHS |



Single-slot Dock



Quick Attach Handle



Spare Battery Charger



Car Charger Adapter



Belt Clip

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