Description

NOTIFICATION **DISCONTINUED** | *Alternatives can be found under the 'Related products' tab, or contact us for assistance.*
The information below is for reference purposes only.

1D barcode PDF417 and MicroPDF417 (by application) 2D barcode IrDA Bluetooth IP42

Model	:	**Opticon PX-25**
Groep	:	*Data collector - Data collector with imager,display,keypad and Bluetooth*
Datasheet	:	PX-25

The PX-25 is a pocket-sized data collector with 1.3 megapixel imager. It reads all standard 1D and 2D barcode symbologies from any orientation. The Bluetooth interface provides real-time communication.

Product Features

Imager Scanner
High performance LEDs create sharp contrast between the code and the background allowing for fast reading and decoding of both 1D and 2D codes by the 1.3 megapixel imager.

Bluetooth Interface
The PX-25 uses the widely available and reliable Bluetooth wireless communication protocol which allows the scanned data to be instantly transmitted to any Bluetooth capable mobile device.

Real-Time Operation
The barcode data collector has a real-time clock integrated. The scanned barcode can be saved with the actual time before being transmitted to any Bluetooth enabled device. The PX-25 can also store data in the on-board memory in case the Bluetooth receiver moves out of range or is temporarily unavailable thus preventing data loss.

Mobility at Hand
The PX-25 is an elegant and lightweight device with a comfortable fit. The model is a perfect working tool, it can easily be used in all kinds of mobile applications.

Specifications

- PX-25 Barcode data collector with imager scanner and Bluetooth interface
- Article number: 12015 PX-25 incl battery pack

Electrical specifications

- Main battery pack: Li-Ion rechargeable 3,7 V nom. 1880 mAh
- Main battery pack operating time: Ca. 25 hrs (1 scan / 5 sec. with communication)
- Backup battery: Rechargeable manganese silicon lithium battery 3,4 mAh
- Backup battery operating time: Ca. 72 hours
- Charging method: The main battery in data collector will be charged through the cradle. The backup battery will be charged by the main battery.

Optical specifications

- Light source: aiming 630 nm red laser diode
- Scan method: CMOS area sensor, SXGA (1.3 million pixels), gray scale
- Scan rate: up to 30 fps
- Curvature: R>15 mm (EAN8), R>20 mm (EAN13)
- Reading width: depending on reading distance and barcode label resolution
- Min. resolution at PCS 0.9: 0.127 mm / 5 mil
- Min. PCS value: 0.45

Communication specifications

- Transmission speed IrDA: 2.4 - 115.2 kbps
- Details: Bluetooth Ver. 1.2, IrDA Ver. 1.2
- Frequency: 2.4 GHz
- Profile: GAP, SPP
- Operation range: depending on environment characteristics the prospective reach distance is 10 meters
- Connection mode: 1 to 1
- Operation mode: master, slave
- Low power mode: park, sniff, hold
- Security mode: authentication, encryption

Identification

- Supported 1D barcode Symbologies: JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, IATA, Industrial 2of5, Interleaved 2of5, Korean Postal Authority code, Matrix 2of5, MSI/Plessey-UK/Plessey, RSS, S-Code, Telepen, Tri-Optic, Composite codes, Intelligent Mail Barcode
- Supported 2D barcode Symbologies: Aztec Code, Aztec Runes, Codablock F, Data Matrix, (ECC200/EC0-140), Maxi Code (mode 2~5), MicroPDF417, Micro QR Code, PDF417, QR code

Functionality

- Trigger mode: manual
- Memory FlashROM: 4MB
- Memory RAM: 2 MB SRAM
- Microprocessor: 32-bit
- Real time clock: Quartz RTC, time and date programmable, leap year handling, (accuracy +/- 60 sec./month)
- Display: 112x64 Pixels graphic LCD
- Character fonts: min. 4 lines x 14 characters, max. 10 lines x 18 characters
- Keyboard: 18 keys total, 2 function keys, 1 scan key
- Keyboard mode: Alphanumeric

Environmental specifications

- Temperature in operation: -10 to 40 ºC / 14 to 104 ºF
- Temperature in storage: -20 to 60 ºC / -4 to 140 ºF
- Humidity in operation: 20 - 85 % (non-condensing)
- Humidity in storage: 20 - 85 % (non-condensing)
- Ambient fluorescent light rejection: 10,000 lx max
- Ambient direct sun light rejection: 100,000 lx max
- Shock drop test: 1.5 m / 5 ft drop onto concrete surface
- Protection (dust and moisture, IEC529): IP 42

Physical specifications

- Dimensions: 140 x 44 x 26 mm / 5.51 x 1.73 x 1.02 in
- Case material: ABS
- Weight body: Ca. 130 g / 4.6 oz

Regulatory

- Product compliance: CE, FCC, VCCI, RoHS
- R&TTE: EN 300-328, ETS 301-489

Warranty

- 2 year Manufacturer warranty / Fabrieks garantie

Downloads

Enclosed items

- Rechargeable battery pack 1880 mAh **Article number : 12039**
- Handstrap for OPL-97xx **Article number : 10225**

Accessories
<u>Sold separately</u>

- CRD 9722: Single charging cradle **Article number : 10998**
- CRD 9723 RU: Single serial communication cradle **Article number : 10935**
- CRD 9723 RU1: Multibay cradle, 1x communication, 5x charging **Article number : 11099**
- CRD 9723 RU5: Multibay cradle, 5x communication, 5x charging **Article number : 11098**