The OPL 9727 is equipped with three keys. The bar code data collector is standard equipped with integrated barcode laser scanner, 128 kB memory, a real-time clock and supplied with a rechargeable battery.

Data collector

OPL 9727

Barcode data collector with tripple key and IrDA interface

Features

- Plain and simple navigation
- Easy to carry
- Flash ROM memory
- RAM memory
- IrDA interface
- IP 54 Protection

Benefits

- Three buttons operation
- Small size and light weight
- Provides program storage
- Provides data collection storage
- Optical data transmission to cradle
- Enables outdoor use

Cabled **Wireless** Stationary OEM

OPTICON
always scanning for new ID's

Specifications

OPL 9727 Barcode data collector with tripple key and IrDA interface

Electrical specifications

Main battery pack	Li-Ion rechargeable 3,7 V / nom. 600 mAh
Main battery pack operating time	When making every 5 seconds 1 scan with 1 sec laserbeam on and 0.2 sec. green LED on and 0.2 sec. buzzer on, operating time is: approx. 200 hours
Main battery condition	Different operation conditions affect the operating time
Backup battery	Lithium rechargeable 3,5 mAh
Backup battery operating time	> 1 week backup
Battery management	When battery is low the data collector switches off automatically.
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	650 nm visible laser diode
Scan method	vibrating mirror
Target indicator	100 scans/sec
Decode rate	100 decodes/sec
Reading angle	effective 44°
Reading pitch angle	+8 - +50° / -8 - -50°
Reading skew angle	± 25°
Reading rotation angle	20°
Reading width	45 - 320 mm, depending on reading distance and bar code label resolution
Min. Resolution at PCS 0.9	0.15 mm (6mil)
Min. PCS value	0.45
Depth of field	60 - 300 mm (UPC PCS0.9, resolution 1.00), 35 - 210 mm (UPC PCS0.9, resolution 0.5), 35 - 120 mm (UPC PCS0.9, resolution 0.25), 35 - 70 mm (UPC PCS0.9, resolution 0.15)

Identification

Supported barcode symbologies	Chinese Post - Codabar incl. ABC and CX - Code 39 - Code 39 Full ASCII - Code 93 - Code 128 - EAN-8 incl. +2,+5 - EAN-13 incl. +2,+5 - EAN-128 - IATA - Industrial 2of5 - Interleaved 2of5 - Italian Pharmaceutical - ISBN - ISSN - Matrix 2of5 - MSI/Plessey - UK/Plessey - RSS-14 - RSS Limited - RSS Expanded - Telepen - UPC-A incl. +2,+5 - UPC-E incl. +2,+5
Optional symbologies	MicroPDF417 - PDF417 (if supported in application)

Functionality

Trigger mode	manual by trigger key
Memory FlashROM	512 kB (O/S and program)
Memory RAM	128 kB (data storage) / optional 512 KB
Microprocessor	16-bit
Real time clock	Quartz RTC, time and date programmable, leap year handling, (accuracy +/- 60 sec./month)
Keyboard	3 keys total (user definable)
Keyboard function keys	2 function keys
Programming	Functionality is provided by user application.
Transmission speed IrDA	baudrate: 2400 - 115200 bps

Environmental specifications

Temperature in operation	-5 - +40 °C
Temperature in storage	-20 - +60 °C
Humidity in operation	20 - 80 % (non condensing)
Humidity in storage	20 - 90 % (non condensing)
Ambient fluorescent light rejection	3.000 lux max
Ambient white light rejection	3.000 lux max
Ambient direct sun light rejection	50.000 lux max
Shock drop test	1.5 m drop onto concrete surface
Shock vibration test	12 - 100 Hz with 2G for 1 hour

Physical specifications

Dimensions	(l x w x d) 125 x 42 x 19 mm
Case material	ABS
Weight body	< 85 g

Regulatory

Laser safety class	IEC 825, Class I laserproduct
EMC	EN 55022, EN 55024

CRD 972X Cradle for OPL 972X

Electrical specifications

Voltage requirement	6 V DC, +/- 10%
Voltage requirement	6 V DC, +/- 10%

Physical specifications

Dimensions	(h x w x d) (excl. cable and operation space) single cradle: excl. collector 65 x 72 x 97 mm, incl. collector 122 x 72 x 97 mm, multi cradle: excl. collector 65 x 310 x 97 mm, incl. collector 122 x 310 x 97 mm
Case material	ABS
Weight body	single cradle: ca. 85 g, multi cradle: ca. 335 g

Models

charging	CRD-9722-CHARGER
communication/charging	CRD-9723(-RU)
multiple charging / single communication (5/1)	CRD-9723-RU1
multiple charging / multiple communication (5/5)	CRD-9723-RU5

Regulatory

EMC	EN 55022, EN 55024

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