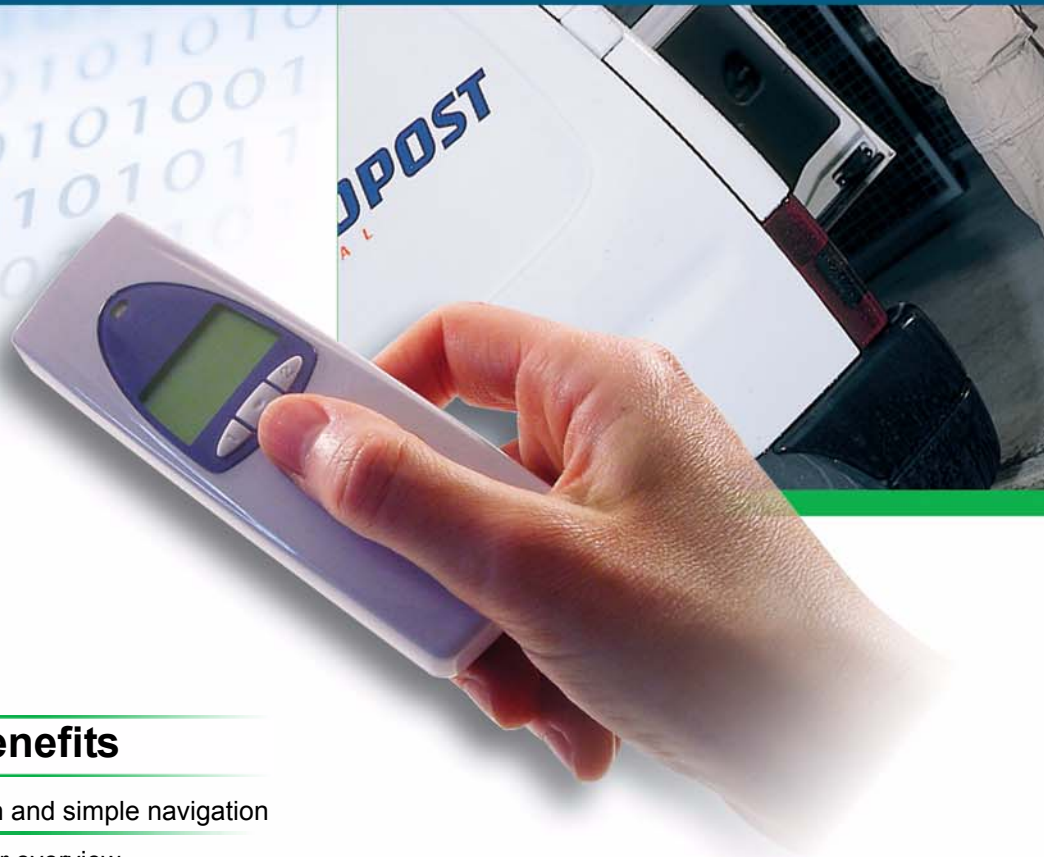


The OPL 9723 bar code data collector is equipped with 3 keys and a graphical display. This model is as standard equipped with integrated barcode laser scanner, 128 Kb memory, a real-time clock and is supplied with a rechargeable battery.

DATA COLLECTOR

OPL 9723

Barcode data collector with tripple key and display and IrDA interface



Features

- Three buttons operation
- LCD display
- Small size and light weight
- Flash ROM and RAM memory
- IrDA interface
- IP 54 Protection

Benefits

- Plain and simple navigation
- Clear overview
- Easy to carry
- Provides program and data storage
- Optical data transmission to cradle
- Enables outdoor use

Cabled

Wireless

Stationary

OEM

OPTICON

always scanning for new ID's

Specifications

OPL 9723 Barcode data collector with tripple key and display 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. 45 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
Scan rate: 100 scans/sec
Decode rate: 100 decodes/sec
Reading angle: effective 44°
Reading pitch angle: +8 - +50° / -8 - -50°
Reading skew angle: ± 35°
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 (1D): 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)
Display: 112x64 Pixels graphic LCD
Character fonts: min. 4 lines x 14 characters, max. 10 lines x 18 characters
Keyboard : 3 keys total (user definable)
Keyboard function keys: 2 function keys
Programming: Functionality is provided by user application.

Communication specifications

Transmission speed IrDA: baudrate: 2400 - 115200 bps
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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 immunity: 3.000 lux max
Ambient white light immunity: 3.000 lux max
Ambient direct sun light immunity: 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
Protection (dust and moisture, IEC529): IP 54

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 laser product
EMC: EN 55022, EN 55024

- **The Netherlands:** Hoofddorp
- **France:** ISSY Les Moulineaux CEDEX
- **Germany:** Mainhausen
- **Italy:** Castel Maggiore (BO)
- **Spain:** Valencia
- **Sweden:** Järfälla
- **United Kingdom:** Luton, Bedfordshire
- **U.S.A.:** Orangeburg
- **Japan:** Warabi City

- **Taiwan:** Taipei
- **P.R.China:** Shanghai
- **Australia:** Lane Cove

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OPTICON
always scanning for new ID's