The OPL 9713 is equipped with just one key allowing easy and straight use. This model is as standard equipped with integrated barcode laser scanner, 512 kB memory, a real-time clock and supplied with a rechargeable battery. Special on this product is the integrated GPS module. This allows to record the geographical position with barcode data. Typically, this type of barcode data collector combines 3 types of registrations; article(person) identification by barcode, time stamp and position tracking by GPS receiver.

Data collector

OPL 9713

Barcode data collector with GPS

Features

- Global Positioning System (GPS) receiver
- One button operation
- Small size and light weight
- Flash ROM and RAM memory
- IrDA interface
- Laser scanner, GPS, realtime clock

Benefits

- Worldwide coordinates 24 hrs / 7 days available
- Plain and simple use
- Easy to carry
- Provides program and data storage
- Optical data transmission to cradle
- 3-in-1 Registration

Cabled **Wireless** Stationary OEM

OPTICON
always scanning for new ID's

Specifications

OPL 9713 Barcode data collector with GPS

Electrical specifications

Main battery pack: Li-Ion rechargeable 3,7 V / nom. 600 mAh

Main battery pack operating time: Ca 30 hours (1 GPS fix at good signal quality / 5 min, 1 scan / 10 min), ca. 5.5 hours (GPS continuously, 1 scan / 2 min). Different operation conditions affect the operating time.

Backup battery: Lithium rechargeable 3,5 mAh

Backup battery operating time: > 1 week backup

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: ± 25°

Reading tilt angle: 20°

Reading width: See D.O.F. diagram.

Min. Resolution at PCS 0.9: 0.15 mm (6mil)

Min. PCS value: 0.45

Depth of field: 60 - 300 mm / 2.36 - 11.81 (UPC PCS0.9, resolution 1.00), 35 - 210 mm / 1.18 - 8.27 (UPC PCS0.9, resolution 0.5), 35 - 120 mm / 1.18 - 4.72 (UPC PCS0.9, resolution 0.25), 35 - 70 mm / 1.18 - 1.38 (UPC PCS0.9, resolution 0.15)

Identification

Supported barcode symbologies (1D): Chinese Post - Codabar incl. ABC and CX - Code 11 - 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 - Korean Postal Authority code - Matrix 2of5 - MSI/Plessey - UK/Plessey - RSS-14 - RSS Limited - RSS Expanded - Telepen - UPC-A incl. +2,+5 - UPC-E incl. +2,+5

Supported 2D code symbologies: MicroPDF417 - PDF417

Communication

Interface IrDA: baudrate: 2400 - 115200 bps

Interface GPS: 1.575,42 MHz, operation mode: receiver

Functionality

Trigger mode: manual

Memory FlashROM: 512 kB (O/S and program)

Memory RAM: 512 kB (data storage)

Microprocessor: 16-bit

Real time clock: Quartz RTC, time and date programmable, leap year handling, (accuracy +/- 60 sec./month)

Keyboard: 1 key

Programming: Functionality is provided by user application.

Environmental specifications

Temperature in operation: -5 - +40 °C/ +23 - +104 F

Temperature in storage: -20 - +60°C / -4 - +140 F

Humidity in operation: 20 - 80 % (non condensing)

Humidity in storage: 20 - 90 % (non condensing)

Ambient fluorescent light immunity: 3,000 lx max

Ambient white light immunity: 3,000 lx max

Ambient direct sun light immunity: 50,0000 lx 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: 129 x 44 x 26 mm / 5.08 x 1.73 x 1.02 inches

Case material: ABS

Weight body: ca. 110 g / 0.24 pounds

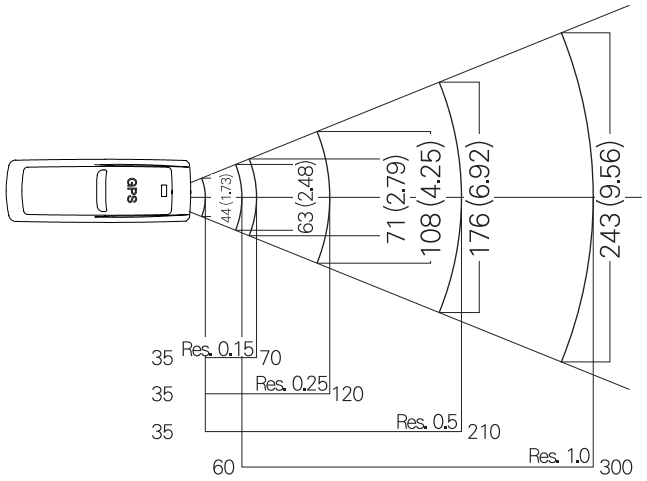
Regulatory

Laser safety class: IEC 825, Class I laserproduct

EMC: EN 55022, EN 55024

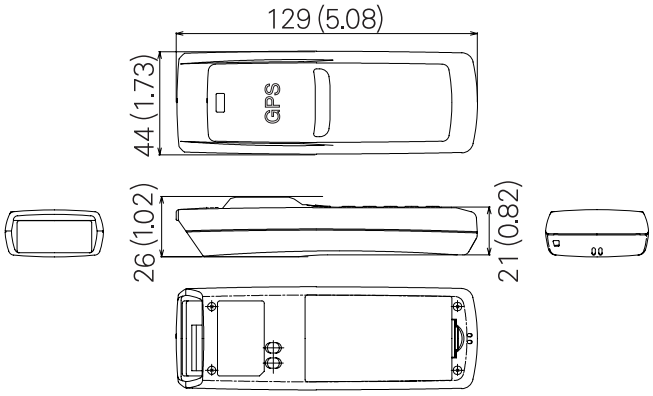
Depth of field

The reading width is a calculated value and is for guidance only.
Unit: mm (inches)



Dimensions

Unit: mm (inches)



Accessories

Sold separately

Charger: CRD 9722

Single cradle: CRD 9723 RU (charging / communication)

Multiple cradle: CRD 9723 RU1 (5 charging / 1 communication) / CRD 9723 RU5 (5 charging / 5 communication)

- **The Netherlands**: Hoofddorp
- **France**: ISSY Les Moulineaux CEDEX
- **Germany**: Dietzenbach
- **Italy**: Castel Maggiore (BO)
- **Spain**: Valencia
- **Sweden**: Järfälla
- **United Kingdom**: Luton, Bedfordshire
- **U.S.A.**: Orangeburg, NY - Bellevue, WA
- **Japan**: Warabi City
- **Taiwan**: Taipei
- **P.R.China**: Shanghai
- **Australia**: Kariong

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