

PHL1300

Barcode laser scanner

IrDA

Serial cradle

Modem cradle

GSM cradle



+ Related products

OPH1004

- Batch Terminal
- Barcode laser scanner
- IrDA
- IP 54



OPL9728

- Data Collector
- Barcode laser scanner
- IrDA



H13

- Batch Terminal
- Barcode laser scanner
- IrDA
- IP 54, Rechargeable or dry cell battery



Operation

- CPU: 16-bit
- O/S: Proprietary
- Software: Programmable in C-language. Ansi-C Cross compiler obtainable. Software development kit free downloadable
- RTC: Supports year, month, day, hour, minute, second (leap year supported)

Memory

- FlashROM: 512 kB
- RAM: 8 MB D-RAM

Display

- Type: Graphic LCD with backlight
- Size: 96 x 64 pixels
- Font size: 6x6 / 6x12 dots

Operating indicators

- Visual: Good read LED (red/green)
- Non-visual: Buzzer

Operating keys

- Entry options: 19 keys total (18 keys user definable), 12 key (alpha)numeric keypad

Communication

- IrDA: Ver. 1.2, baudrate 2400 bps - 115.2 kbps

Power

- Rechargeable battery: Lithium-Ion
- Dry cell battery: 2 x AA-size
- Backup battery: Lithium (CR2032)
- Operating time: Rechargeable battery ca. 36 hours (1 scan / 5 sec with 1 sec laserbeam on, 0.2 sec green LED on, 0.2 sec buzzer on), Dry cell battery ca. 78 hours (1 scan / 5 sec with 1 sec laserbeam on, 0.2 sec green LED on, 0.2 sec buzzer on)
- Data retention time: 3 weeks backup time
- Charging method: Separate cradle IRU1300 series

Barcode scanner Optics

- Light source: 650 nm visible laser diode
- Scan method: Vibrating mirror
- Scan rate: 100 scans/sec
- Min. PCS value: 0.45
- Depth of field: At PCS 0.9
55 - 390 mm / 2.16 - 15.35 in (1.0 mm / 39 mil),
30 - 240 mm / 1.18 - 9.44 in (0.5 mm / 20 mil),
30 - 140 mm / 1.18 - 5.51 in (0.25 mm / 10 mil),
30 - 80 mm / 1.18 - 3.14 in (0.15 mm / 6 mil)

Supported Symbologies

- Barcode (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 39, Code 93, Code 128, GS1-128 (EAN-128), IATA, Industrial 2of5, Interleaved 2of5, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey
- Postal code: Chinese Post

Durability

- Temperature in operation: -10 to 40 °C / 14 to 104 °F
- Temperature in storage: -20 to 60 °C / -4 to 140 °F
- Humidity in operation: 20 - 80% (non-condensing)
- Humidity in storage: 20 - 90% (non-condensing)
- Ambient light immunity: Fluorescent 3,000 lx max, Direct sun 50,000 lx max
- Drop test: 1.5 m / 5 ft drop onto concrete surface
- Vibration test: 10 - 50 Hz with 1G for 30 min, cycle for X,Y,Z

Physical

- Dimensions (w x h x d):
55 x 135 x 33 mm / 2.16 x 25.31 x 1.29 in
- Weight body: Ca. 140 g / 4.9 oz (incl. Lithium-Ion battery)
- Case: ABS, Grey

Regulatory & Safety

- Product compliance: EN 55022, EN 55024, IEC 825, Class I laserproduct

Enclosed items

- Backup battery
- Hand strap

Sold separately

- IRU1300 Cradle: Serial communication, charging
- Rechargeable battery
- AA-size batteries
- Nylon case
- PHL1300 Nylon case with swivel clip
- PHL1300 Nylon case with fixed clip

Copyright Opticon. All rights reserved. This information is subject to change without prior notice. For availability, contact your local representative.

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

- **Taiwan:** Taipei
- **P.R.China:** Shanghai
- **Australia:** Kariong
- **Brazil:** São Paulo

Opticon Sensors Europe B.V
European headquarters
Opaallaan 35
2132 XV Hoofddorp
The Netherlands
phone: +31 (0)23-5692700
fax: +31 (0)23-5638266
email: sales@opticon.com
internet: www.opticon.com

OPTICON
WWW.OPTICON.COM