

OPTICON

Batch Terminals

PHL2700

Barcode laser scanner

IrDA

Serial connector
Serial cradle



+ Related products



OPH1004

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



OPL9728

- Data Collector
- Barcode laser scanner
- IrDA



H15

- Windows CE
- Barcode laser scanner
- Bluetooth, W-LAN (WiFi)
- IP 54

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: 128 x 64 pixels
- Font size: 6x6 / 6x12 / 8x8 / 8x16 dots

Operating indicators

- Non-visual: Buzzer

Operating keys

- Entry options: 27 keys total, 12 key (alpha)numeric keypad, 8 function keys, 3 control keys, 1 power key, 2 hot keys, 1 scan key

Communication

- RS232: Baudrate 2400 bps - 115.2 kbps, serial cable connector
- IrDA: Ver. 1.2, baudrate 2400 bps - 115.2 kbps

Power

- Rechargeable battery: NI-MH
- Dry cell battery: 2 x AA-size
- Backup battery: Lithium (CR2032)
- Operating time: Rechargeable battery ca. 78 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. 40 hours (1 scan / 5 sec with 1 sec laserbeam on, 0.2 sec green LED on, 0.2 sec buzzer on)
- Data retention time: If fully charged 30 days backup time
- Charging method: Separate cradle IRU2700

Barcode scanner Optics

- Light source: 650 nm visible laser diode
- Scan rate: 100 scans/sec
- Min. resolution at PCS 0.9: 0.15 mm / 6 mil
- Depth of field: At PCS 0.9, 0 - 380 mm / 0.00 - 14.96 in (1.0 mm / 39 mil), 0 - 230 mm / 0.00 - 9.05 in (0.5 mm / 20 mil), 0 - 140 mm / 0.00 - 5.51 in (0.25 mm / 10 mil), 0 - 45 mm / 0.00 - 1.77 in (0.15 mm / 6 mil)

Supported Symbolologies

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

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
- Protection rate: IP 42

Physical

- Dimensions (w x h x d): 62 x 177 x 41 mm / 2.44 x 6.97 x 1.61 in
- Weight body: Ca. 175 g / 6.2 oz (excl. 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

- IRU2700 Cradle: Serial communication, charging
- Rechargeable battery
- Holder for AA-size batteries
- AA-size batteries
- RS232 serial cable
- Nylon case
- PHL2700 Nylon case with swivel clip
- PHL2700 Nylon case with fixed clip
- PHL2700 Nylon case with window & swivel clip

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