

OPN2003

Pocket memory scanner



+ Related products



OPN2002

- Data Collector
- Pocket memory scanner
- USB, Bluetooth



OPL9725

- Data Collector
- Barcode laser scanner
- IrDA
- 1 key operation



DCL1530

- Data Collector
- Barcode laser scanner
- USB, IrDA
- Dry cell battery

Operation

- CPU: STR7, 32-bit
- O/S: Proprietary
- RTC: Supports year, month, day, hour, minute, second (leap year supported)

Memory

- FlashROM: 512 kB (Program storage + >10.000 barcodes + time stamp)
- RAM: 256 kB

Operating indicators

- Visual: 1 LEDbar (red/green/orange)
- Non-visual: Buzzer

Operating keys

- Entry options: 2 keys total,
1 function key,
1 scan key

Communication

- USB: MiniUSB, Ver. 1.1, VCP

Power

- Rechargeable battery: Lithium-Ion 3.7V 150mAh
- Operating time: Over 7 hours (2 scans/sec)
- Data retention time: Ca. 72 hours
- Charging method: Enclosed USB cable

Barcode scanner Optics

- Light source: 650 nm visible laser diode
- Scan method: Vibrating mirror
- Scan rate: 100 scans/sec
- Reading pitch angle: -35 to 0°, 0 to +35°
- Reading skew angle: -50 to -8°, +8 to +50°
- Reading tilt angle: -20 to 0°, 0 to +20°
- Curvature: R>15 mm (EAN8), R>20 mm (EAN13)
- Min. PCS value: 0.45
- Depth of field: At PCS 0.9 UPC
5 - 500 mm / 2.95 - 19.69 in (1.0 mm / 39 mil),
55 - 350 mm / 2.17 - 13.78 in (0.5 mm / 20 mil),
55 - 200 mm / 2.17 - 7.87 in (0.25 mm / 10 mil),
55 - 110 mm / 2.17 - 4.33 in (0.15 mm / 6 mil),
65 - 90 mm / 2.56 - 3.54 in (0.127 mm / 5 mil)

Supported Symbologies

- Barcode (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey-UK/Plessey, S-Code, Telepen, Tri-Optic
- Postal code: Chinese Post, Korean Postal Authority code
- 2D code: MicroPDF417, PDF417

Durability

- Temperature in operation: 0 to 50 °C / 32 to 122 °F
- Temperature in storage: -20 to 60 °C / -4 to 140 °F
- Humidity in operation: 20 - 85% (non-condensing)
- Humidity in storage: 20 - 85% (non-condensing)
- Ambient light immunity: Fluorescent 4,000 lx max, Direct sun 80,000 lx max
- Protection rate: IP 42

Physical

- Dimensions (w x h x d):
32 x 17 x 62 mm / 1.26 x 0.67 x 2.44 in
- Weight body: Ca. 30 g / 1.1 oz (incl. battery)
- Case: ABS, Black

Regulatory & Safety

- Product compliance: CE, FCC, VCCI, RoHS, JIS-C-6802 Class 2, IEC 60825-1 Class 2, FDA CDRH Class II

Enclosed items

- USB cable
- Neck strap

Sold separately

- AC USB adapter (optionally packed with the product)

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Opticon, Inc.
2220 Lind Avenue SW
Suite 100
Renton, WA 98057
Toll Free: (800) 636-0090
Local: (425) 651-2120
Fax: (425) 454-0865
Email: sales@opticonusa.com

OPTICON USA

WWW.OPTICONUSA.COM