

OPL7734

Barcode laser scanner

IEEE 802.15.4

Network cradle



+ Related products

OPI4002

- Wireless device
- 2D CMOS imager
- IEEE 802.15.4
- Equipped with powerjack



OPR3101

- Wireless device
- Barcode laser scanner
- Bluetooth



OPL7836

- Cabled device
- Barcode laser scanner
- RS232, Keyboard Wedge, USB



Operation

- CPU: 16-bit CMOS

Memory

- FlashROM: 256 kB
- RAM: 32 kB fastRAM

Operating indicators

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

Operating keys

- Entry options:
1 scan key

Communication

- IEEE 802.15.4: Output power class 2, range up to 30 m, 1 to 1 / 8 to 1 connection (8 scanners to 1 CRD-7734), encryption

Power

- Rechargeable battery: Lithium-Ion 3.7V 600mAh
- Operating time: 50 hours (1 scan / 5 sec)
- Charging method: Separate cradle CRD7734

Barcode scanner Optics

- Light source: 650 nm visible laser diode
- Scan rate: 100 scans/sec
- Trigger mode: Manual
- Reading pitch angle: -20 to 0°, 0 to +20°
- Reading skew angle: -50 to -8°, +8 to +50°
- Reading tilt angle: -50 to -8°, +8 to +50°
- Curvature: R>15 mm (EAN8), R>20 mm (EAN13)
- Min. resolution at PCS 0.9: 0.15 mm / 6 mil
- Min. PCS value: 0.45
- Depth of field: At PCS 0.9 Code 39
50 - 360 mm / 1.97 - 14.17 in (1.0 mm / 39 mil),
30 - 270 mm / 1.18 - 10.63 in (0.5 mm / 20 mil),
30 - 140 mm / 1.18 - 5.51 in (0.25 mm / 10 mil),
30 - 70 mm / 1.18 - 2.76 in (0.15 mm / 6 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, S-Code, Telepen, Tri-Optic, UK/Plessey
- Postal code: Chinese Post, Korean Postal Authority code
- 2D code: Composite codes, MicroPDF417, PDF417

Durability

- Temperature in operation: 0 to 40 °C / 32 to 104 °F
- Temperature in storage: -20 to 60 °C / -4 to 140 °F
- Humidity in operation: 25 - 85% (non-condensing)
- Humidity in storage: 20 - 90% (non-condensing)
- Ambient light immunity: Fluorescent 3,000 lx max, Direct sun 50,000 lx max, Incandescent 3,000 lx max
- Drop test: 1.5 m / 5 ft drop onto concrete surface

Physical

- Dimensions (w x h x d):
55 x 150 x 115 mm / 2.17 x 5.91 x 4.53 in
- Weight body: Ca. 130 g / 5 oz (incl. battery)
- Case: ABS, Black or White

Regulatory & Safety

- Product compliance: CE, FCC, VCCI, RoHS, JIS-C-6802 Class 2

Sold separately

- CRD7734 Cradle: IEEE 802.15.4 communication, charging

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