

# OPR3301

Barcode laser scanner

 **Bluetooth™**

**Serial Cradle**



### + Related products

#### OPR3101

- Barcode laser scanner
- Bluetooth
- Serial cradle



#### OPR3201

- Barcode laser scanner
- RS232
- Keyboard Wedge
- USB



#### OPL9724

- Data Collector
- Barcode laser scanner
- IrDA, Bluetooth
- 3 key operation



## Operating indicators

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

## Operating keys

- Entry options:
  - 1 scan key

## Communication

- Bluetooth: Ver. 1.2, SPP, output power class 2, range up to 10 m, 1 to 1 connection, master/slave mode, authentication and encryption

## Power

- Current consumption: 85mA (typical use), max. 120mA
- Rechargeable battery: Lithium-Ion 3.7V 1100mAh
- Charging method: Separate cradle CRD3301

## Barcode scanner Optics

- Light source: 650 nm visible laser diode
- Scan method: Bi-directional scanning
- Scan rate: 100 scans/sec
- Trigger mode: Manual, auto-trigger
- 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. resolution at PCS 0.9: 0.127 mm / 5 mil
- Min. PCS value: 0.45
- Depth of field: At PCS 0.9, Code 39
  - 40 - 500 mm / 1.57 - 19.69 in (1.0 mm / 39 mil),
  - 20 - 350 / 0.79 - 13.78 in (0.5 mm / 20 mil),
  - 20 - 200 / 0.79 - 7.87 in (0.25 mm / 10 mil),
  - 20 - 100 mm / 0.79 - 3.94 in (0.15 mm / 6 mil),
  - 30 - 70 mm / 1.18 - 2.76 in (0.127 mm / 5 mil)

## Supported Symbolologies

- Barcode (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, 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: -5 to 50 °C / 23 to 122 °F
- Temperature in storage: -20 to 60 °C / -4 to 140 °F
- Humidity in operation: 5 - 95% (non-condensing)
- Humidity in storage: 5 - 95% (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 - 100 Hz with 2G for 1 hour
- Protection rate: IP 42

## Physical

- Dimensions (w x h x d):
  - 56 x 132 x 113 mm / 2.20 x 5.20 x 4.45 in
- Weight body: Ca. 110 g / 3.9 oz (incl. battery)
- Case: ABS, Black or White

## Regulatory & Safety

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

## Enclosed items

- Hand strap

## Sold separately

- CRD3301 Cradle: Bluetooth communication, charging

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