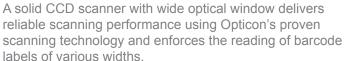
# **OPR 4001**

Handheld barcode CCD scanner







#### Product Features

### **CCD** linear scanning

The 2500 pixels CCD image sensor provides a smooth and accurate reading and is immediately ready for the next scan, even when barcodes are printed with low contrast or high density.

#### Plug and Scan

The plug and play ability of the OPR 4001 enables quick connection to all common hosting systems and provides the immediate availability of the scanned results in the end user application. The serial connection interfaces also provides command communication.

#### **Traditional Design**

The outer looks of the scanner and it handling is unmistakeable. The prooven concept has a high user acceptance and invites the user to instant operation.

**OEM** 



## **Specifications** OPR 4001 Handheld barcode CCD scanner

#### **Electrical specifications**

Voltage requirement: 5 V ± 10 % (Keyboard Wedge and USB), 6 V (min. 4.5, max.

#### **Optical specifications**

Light source: 626 nm red LED

Photo sensor: CCD linear image sensor 2500 pixels

Scan rate: 200 scans/sec Reading width: 65 mm

#### Communication specifications

Interface: RS232C, Keyboard Wedge, USB(HID/VCP)

#### Identification

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

Supported 2D code symbologies: MicroPDF417, PDF417

#### **Environmental specifications**

Temp. operation: 0 to 50 °C / 32 to 122 °F Temp. storage: -20 to 60 °C / -4 to 140 °F Humid. operation: 5 - 95 % (non-condensing) Humid. storage: 5 - 95 % (non-condensing) Amb. direct sun: 10,000 lx max. Drop: 1.5 m / 5 ft drop onto concrete surface Vibration: 10 - 100 Hz with 2 G for 1 hour ProtectDustWater: IP 42

#### Physical specifications

Dimensions: 165 x 77 x 52 mm / 6.50 x 3.03 x 2.05 in Weight Body: Ca. 80 g / 2.8 oz (excl. cable) Connector Keyboard Wedge: MiniDIN6 Connector RS232: DB9 F Connector USB: USB-A

#### Regulatory

Product compliance: CE, FCC, VCCI, RoHS

#### **Enclosed items**

AC Adapter for RS232C

To be determined: Reading specifications, Availability

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- The Netherlands: Hoofddorp

- France: ISSY Les Moulineaux CEDEX - P.R.China: Shanghai

- Germany: Dietzenbach

- Italy: Castel Maggiore (BO) - Spain: Valencia

- Sweden: Järfälla

- United Kingdom: Luton, Bedfordshire - U.S.A.: Orangeburg, NY - Seattle, WA - Japan: Warabi City

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