

CABLED SCANNERS

OPR-3001

Barcode Laser Scanner

HIGHLIGHTS

100 scans per second

2 m drop proof

Ruggedized

IP 54



≡ OPTICON

OPR-3001

Basic product specifications

OPERATING INDICATORS

VISUAL: 1 large LED (red/green/orange) **NON-VISUAL:** Buzzer

OPERATING KEYS

ENTRY OPTIONS: 1 scan key

COMMUNICATION

RS232: DB9 PTF connector with external power supply **KEYBOARD WEDGE:**

MiniDIN6 F/M connector **USB:** Ver. 1.1, HID/VCP, USB-A connector

POWER

VOLTAGE REQUIREMENT: 5V ± 10% (Keyboard Wedge and USB), 6V ± 10% (RS232) **CURRENT CONSUMPTION:** Max. 130mA (RS232), max. 125mA (Keyboard Wedge and USB)

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, 30 - 590 mm / 1.18 - 23.23 in (1.0 mm / 39 mil), 10 - 360 mm / 0.39 - 14.17 in (0.5 mm / 20 mil), 10 - 200 mm / 0.39 - 7.87 in (0.25 mm / 10 mil), 10 - 90 mm / 0.39 - 3.54 in (0.15 mm / 6 mil), 20 - 60 mm / 0.79 - 2.36 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, 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: -10 to 60 °C / 14 to 140 °F **TEMPERATURE IN STORAGE:** -30 to 70 °C / -22 to 158 °F **HUMIDITY IN OPERATION:** 5 - 90% (non-condensing) **HUMIDITY IN STORAGE:** 5 - 90% (non-condensing) **AMBIENT LIGHT IMMUNITY:** Fluorescent 4,000 lx max, Direct sun 80,000 lx max, Incandescent 4,000 lx max **DROP TEST:** 2 m / 6.5 ft drop onto concrete surface **VIBRATION TEST:** 10 - 100 Hz with 2G for 30 min **PROTECTION RATE:** IP 54

PHYSICAL

DIMENSIONS (W X H X D): 68 x 155 x 150 mm / 2.68 x 6.10 x 5.91 in **WEIGHT BODY:** Ca. 230 g / 8.1 oz (excl. cable) **CASE:** ABS, Black or White

REGULATORY & SAFETY

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

SOLD SEPARATELY

POWER SUPPLY: 100-240V/0.5A, 50/60 Hz, 6V/2A (for RS232) **STAND**

MODELS

INTERFACE VERSIONS: RS232, Keyboard Wedge, USB **COLOR VERSIONS:**

Black, White

