

OPTICON

Opticon OPM-2000

Omnidirectional laser barcode scanner, IP54

Features



Electrical specifications

V

Specifications Light source: 650 nm visible laser diode Scan rate: 1000 scans/sec Reading pitch angle: -50 to 0°, 0 to +50° Reading skew angle: -60 to -8°, +8 to +60° Reading rotation angle: 360° Curvature: R>15 mm (EAN13) Min. resolution at PCS 0.9: 0.127 mm / 5 mil Min. PCS value: 0.45 Depth of field: 10 - 260 mm / 0.39 - 10.24 in (res. 0.33 mm / 13 mil), 10 - 210 mm / 0.39 - 8.27 in (res. 0.26 mm / 10 mil), at PCS 0.9 EAN13 Communication specifications Available interfaces: RS232C, Keyboard Wedge, USB(HID) Identification Supported barcode symbologies (1D): JAN/UPC/EAN (WPC) incl. add on, Codabar/NW-7, Code 39, Code 93, Code 128, IATA, Industrial 2of5, Interleaved 2of5, Matrix 2of5, Chinese Post, MSI/Plessey-UK/Plessey, S-Code, Telepen, Tri-Optic Environmental specifications Temperature in operation: 0 to 40 oC / 32 to 104 oF (5 to 40 oC / 41 to 104 oF USB interface) Temperature in storage: -20 to 60 oC / -4 to 140 oF Humidity in operation: 20 - 85 % (non-condensing) Humidity in storage: 20 - 90 % (non-condensing) Ambient fluorescent light rejection: 3,000 lx max Ambient direct sun light rejection: 70,000 lx max Antistatic electricity: 15 kV (non-destructive) Shock drop test: 1.5 m / 5 ft drop onto concrete surface Shock vibration test: 10 - 100 Hz with 2G for 3 hours Protection (dust and moisture, IEC529): IP 54 Physical specifications Dimensions: 164 x 104 x 115 mm / 6.45 x 4.09 x 4.52 in Weight body: Ca. 480 g / 1 lb 0.9 oz Available colors: Black /White Connector Keyboard Wedge: MiniDIN F5/M6 with external power Connector RS232: DB9 F with external power Connector USB: USB-A with external power Regulatory Laser safety class: IEC 825, Class I laser product Product compliance: EN 55022, EN 55024, FCC ClassB, CE Dimensions: Depth of field:



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