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OPR-3001 Industrial Laser Barcode Scanner, IP54, KBW, light-grey

Rugged single-line laser bar code reader, designed to withstand dust and water, good for industrial applications.

The OPR3001 is designed for aggressive reading of poorly printed and slightly damaged barcodes. A large and bright LED along with an adjustable tone provides a clear indication, especially suitable for operation in low-light and noisy environments. The OPR3001 is available with USB (HID), RS232 and Keyboard Wedge interface options, for easy implementation.



Opticon awards the user with [a free worldwide accessible setup tool](#) as an addition to the standard way of setting up the device using a printed barcode manual.



Technical Description

Functionality & Operation

Indicators	LED (red/green/orange), buzzer
Communication interface	keyboard, RS232, USB
Trigger mode	auto-trigger, Manual
1D Barcode Symbolologies	All standard one-dimension barcodes
2D Code Symbolologies	Composite codes, MicroPDF417, PDF417

Optical

Depth of scan field	10-590 mm
Light source	visible red LED 650 nm
Scanning rate	100scan/s
Resolution	5 mil

Electrical

Power Source	+5V \pm 10%
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Mechanical

Weight	230g
Body housing	ABS plastic
Dimensions	Width: 150mm, Height: 68mm Length: 155mm

Environment

Operating temperature	-10 to 60°C
Shock resistance	drop from 1,9 m on to concrete surface
Operating humidity (non-condensing)	5 to 90%
Storage humidity (non-condensing)	5 to 90%
Storage temperature	-30 to 70°C

Others

Warranty	1 year
Certifications	CE, FCC, RoHS, VCCI

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