

# OPR-3001

## Ruggedised Hand Held Laser Scanner



Gun-type barcode scanner with a new robust design which is suitable for all environments, including factory floor.

## Product Features

### Enhanced IP-54 protection with high drop test withstand

The OPR-3000 series is the most rugged barcode scanner ever produced by Opticon. A drop test withstand rating of 2 metres onto concrete, combined with an environmental protection classification of IP54 and high immunity to both temperature and humidity make this product an ideal choice for the most demanding applications, typical found in the manufacturing and logistics sectors.

### A Rubber Grip and a Trigger Guard

With an ergonomic rubber grip around its handle and a finger guard surrounding the trigger, the OPR-3000 provides for user comfort and protection, even during prolonged periods of use.

### A Large-diameter Indicator and Blue LEDs

A large, blue LED is used, together with a loud and clear bleeper, to signify a good read to the operator. Positive feedback is thus assured, even in low light or noisy environments.

### Laser Scan Engine with a Built-in Decoder

A new generation, high performance laser barcode scan engine has been deployed in the OPR-3000 series. Excellent reading performance and unsurpassed reliability are assured.

## Contact US

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CABLED

WIRELESS

STATIONARY

OEM

# OPR-3001 Specifications

## Electric and Interface Specifications

Power Supply Voltage	DC 6.0V +/- 10%
Interface	RS232C, Keyboard wedge, USB (HID/VCP)

## Optical Specifications

Light Source	Red laser diode 650 nm
Scan Rate	100 scans / per sec.

## Supported Symbolologies

EAN, JAN, UPC-A, UPC-E, Industrial 2 of 5, IATA, Interleaved 2 of 5, NW-7 (CODABAR), Code-39, Code-93, Code-128(EAN128), MSI/Plessey, RSS Code
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## Environmental Specifications

Operating Temperature	-10 - 60 degrees C 14 - 140 F
Storage Temperature	-30 - 70 degrees C -22 - 158 F
Operating Humidity	5 - 95 % RH (Non condensing)
Storage Humidity	5 - 95 % RH (Non condensing)
Ambient Light Immunity	Fluorescent Light: 4,000 lx max. Sun Light: 80,000 lx max.
Dust and Drip Proof	IP-54
Shock Drop Test	2.0 m (Drop onto concrete surface)

## Physical Specifications

Weight	210 g (Excluding a cable.) 0.42 pounds
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## Dimensions

Camera Module	68 (W) x 150 (L) x 155 (H) mm 2.67(W) x 5.90(L) x 6.10(H) inches (Including the size of a grip.)
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## Packaged Items

AC Adapter for RS232C
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## Long Range Models

OPR-3003	for scanning bar codes up to 2 m away
OPR-3004	for scanning bar codes up to 3 m away

## Wireless Models

OPR-3005	with Bluetooth interface
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## Wireless and Long Range Models

OPR-3007	up to 2 m, with Bluetooth interface
OPR-3008	up to 3 m, with Bluetooth interface

\* This product is compliant with RoHS.

All figures and values stated herein are measured with our original standards. Please refer to specifications for guaranteed values.  
All statements, figures and values stated herein are subject to change without prior notification.