

≡ OPTICON

L-46R laser bar code scanner with stand, USB

Opticon L-46R is a handheld laser scanner that reliably reads all 1D barcodes (EAN, Code 128, Code 39, etc.). It is designed for healthcare, retail, POS, warehouses or logistics applications.

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



With auto-focus and a speed of 100 fps the engine in the L-46R is truly next gen, but maybe the most important part is not the technology inside but the design on the outside, where the L-46R gives you the option to insert your own logo or design of your choosing.

The L-46R is often used in service settings; healthcare for wristband scanning, retail for scanning products and scanning e-tickets from mobile phones at festivals or other social gatherings. The usage often decides what type of engine should be inside the scanner. Because of the complementary stand, that activates the auto trigger, it is often used to scan without hands.

The L-46R is cabled scanner with a very advanced 2D imager that scans at a speed of 100 fps. Furthermore, the design makes it possible to add your own design, image or logo to the top of the scanner, this way you can use the product to expand your brand visibility or presence. This addition is truly unique and as far as we are aware only Opticon offers this option.

Moreover, this handheld scanner comes with USB or RS232 and a complimentary stand for hands free scanning. The product is sealed with a rating of IP42 that can withstand drops from up to 1.5 meters upon concrete. The scanner gives visual and non-visual feedback when a scan action is performed, telling you if the scanning action succeeded or not.

Features of the Opticon L-46R scanner

- 1D scanning at a speed of 100 fps
- Well thought out design for comfortable use

- Comes with a stand for hands free scanning.

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Technical Description

Functionality & Operation

Indicators	LED (red/green/blue), buzzer
Communication interface	USB, RS232
1D Barcode Symbolologies	All standard one-dimension barcodes

Optical

Bar code scanner	Laser
Light source	visible red LED 650 nm
Depth of scan field	5 ~ 895 mm
Resolution	640 x 480 px
Scanning rate	100 fps
Maximal skew angle	65°
Maximal pitch angle	65°
Curvature	R≥20 mm
Minimal PCS value	0.2

Electrical

Power Source	+5 VDC ±10%
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Mechanical

Color	black
Dimensions	Width: 105.4mm, Height: 153.4mm Length: 60mm
Weight	112g

Environment

Ingress protection	IP42
Vibrations resistance	10-100 Hz with 2G for 1h.
Operating temperature	-5 to 50°C
Storage temperature	-30 to 60°C
Operating humidity (non-condensing)	0 to 90%
Storage humidity (non-condensing)	0 to 90°C
Maximal ambient light	100000lux
Shock resistance	drop from 1,8 m on to concrete surface

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