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OPTICON

L-51X 1D / 2D reader with stand and options (logo, text), RS232

The L-51X 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.

Opticon awards the user with a free worldwide accesible setup tool as an addition to the standard way of setting up the device using pa rinted barcode manual.



The L-51X is the successor of the L-50X and comes with an even more advanced 2D imager. With auto-focus and a speed of 100 fps the engine in the L-51X is truly next gen, but maybe the most important part is not the technology inside but the design on the outside, where the L-51X gives you the option to insert your own logo or design of your choosing.

The L-51X 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.

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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:

- Possibility to expand brand presence / visibility
- 1D & 2D 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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2D
IMAGER
READER
1D CODE
2D CODE
RS 232
WIRED

Technical Description

Functionality & Operation	
Indicators	LED white, buzzer
Communication interface	USB
1D Barcode Symbologies	All standard one-dimension barcodes
2D Code Symbologies	all standard 2D-Codes
Optical	
Depth of scan field	0 - 335 mm
Resolution	640 x 480 pixels
Maximal skew angle	65%
Maximal pitch angle	65%
Curvature	R≥20 mm
Minimal PCS value	0.2
Bar code scanner	2D Imager
Scanning rate	100scan/s
Electrical	
Power Source	4,5 VDC ~ 6,5 VDC
Mechanical	
Color	black
Weight	145g
Dimensions	Width: 75.4mm, Height: 169.5mm Length: 121.2mm
Environment	
Operating temperature	-20 to 50°C
Storage temperature	-30 to 60°C
Ingress protection	IP42
Shock resistance	drop from 1,5 m onto concrete surface
Maximal ambient light	10000lux
Operating humidity (non-condensing)	5 to 90%
Storage humidity (non-condensing)	5 to 90%
Vibrations resistance	10-100 Hz with 2G for 1h.



CODEWARE, s.r.o.
Jaromírova 484/37
120 00 Praha 2 - Nusle
IČ: 61061395, DIČ: CZ61061395

+420 222 562 444
codeware@codeware.cz
https://www.codeware.cz/