



Z-6010

Compact Omnidirectional Laser Scanner



The Z-6010 is a compact hands-free omnidirectional laser scanner, and becomes a single-line laser scanner by pressing down a button. It is designed to suit both requirements for omnidirectional and single-line scanning. With the reserved mounting holes at the back of the scanner body, the Z-6010 transforms to a scanning module to allow integration into your desirable hardware application. It also has an optional cradle with two joints which creates a three-dimensional adjustment capability by turning so that you can enjoy the benefit of a real best fit.

- Support both omnidirectional and single-line scanning
- Aggressive scanning performance
- Optional 3D turning cradle
- Proprietary Z-SCAN+ technology
- Flexible communications

1. Optional 3D variable cradle
2. Compact cubical design
3. Fits in the smallest counter space



- Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.
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OPERATIONAL

Light Source	650 nm visible laser diode (VLD)	
Depth of Field	5 mil: 40 – 90 mm	7.5 mil: 0 – 150 mm
	0 mil: 0 – 180 mm	13 mil: 0 – 200 mm
	20 mil: 0 – 280 mm	(Note: DOF may vary depending on environment condition and barcode quality.)
Scan Line	20	
Scan Rate	1,400 scans per second (omnidirectional); 70 scans per second (single-line)	
Scan Pattern	5 directions of scan field	
Print Contrast	30% @ UPC/EAN 100%	
Indicator	Two-color LED (blue & red)	
Beeper Operation	Programmable tone & volume	
System Interface	Keyboard, RS-232, HID USB, USB Virtual COM, wand	

PHYSICAL

Dimension	110.9 × 65.8 × 70.0 mm (on fixed stand); 122.2~253.0 × 120.3~163.3 × 74.0 mm (on optional cradle)	
Weight	200 g (on stand); 350 g (on optional cradle)	
Cable	Standard 2M straight	

POWER

Input Voltage	5 VDC ±10%
Power Consumption	1.0 watts
Operating Current	200 mA typical

REGULATORY

Laser Class	CDRH Class IIa; IEC 60825: Class 2
EMC	CE & FCC DOC compliant, VCCI, BSMI

ENVIRONMENTAL

Operating Temperature	0°C – 40°C (32°F – 104°F)
Storage Temperature	-20°C – 60°C (-4°F – 140°F)
Humidity	5% – 95% RH (no dewing allowed)
Light Level	Up to 4,500 Lux (fluorescence)
Drop Durability	Designed to withstand 1.5M drops

DECODING CAPABILITY

1D Barcode	UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39, Codabar, Code 128 & EAN 128, Code 93, ITF 2 of 5, IATA Code, MSI, China Postal Code, Code 32, industrial 2 of 5, Standard 2 of 5, JAP, Code 11, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded
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