Z-6010

Compact Omnidirectional Laser Scanner

The optional 3D turning cradle

LASER SCAN | Z-SCAN PLUS | 1400 SCAN RATE | 20 SCAN LINES | 1.5M DROP TEST

- Support both omnidirectional and single-line scanning
- Aggressive scanning performance
- Proprietary Z-SCAN+ technology
- Stand-alone as a hands-free scanner or as a scanning module
- Optional 3D turning cradle
- Flexible communications

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.

Featured with Z-SCAN+ hardware decode technology, it guarantees the real-time decode and provides the best scanning performance you could expect. The Z-6010 is cubic designed as compact as it can be, and with its standard holder, it certainly saves the maximum counter top space. The Z-6010 surely has the performance inverse to its size.

It also has an optional cradle that comes with two joints which creates a three-dimensional adjustment capability by turning so that you can enjoy the benefit of a real best fit.

This is Z-6010, a scanner with “full variability” to achieve users’ commands and demands.

OPERATIONAL	
Light Source	650 nm visible laser diode (VLD)
Depth of Field	0 – 200 mm (UPC/EAN 100%, PCS=90%)
Scan Pattern	5 directions of scan field
Scan Rate	1,400 scans per second (omnidirectional); 74 scans per second (single-line)
Number of Scan Lines	20
Minimum Bar Width	5 mil @ PCS=90%
Print Contrast	30% @ UPC/EAN 100%
Indicators (LED)	Two-color LED (blue & red)
Beeper Operation	Programmable tone & volume
System Interfaces	Keyboard wedge, RS-232, HID USB, wand emulation
PHYSICAL	
Dimensions	(H)110.9 × (D)65.8 × (W)70.0 mm (on fixed stand); (H)122.2–253.0 × (D)120.3–163.3 × (W)74.0 mm (on 3D turning cradle)
Weight	200 g (on fixed stand); 350 g (on 3D turning cradle)
Cable	Standard 2.0M 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 compliance, 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 Levels	Up to 4,500 Lux (fluorescence)
Drop Durability	Designed to withstand 1.5M drops

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