

Hands-Free Scanners

Z-6010

Compact Omnidirectional Laser Scanner



Features

Support both omnidirectional and single-line scanning

Button switch in between omnidirectional and single-line scanning

Aggressive scanning performance

Powerful 20-line laser yields 1,400 scans per second for omnidirectional scanning;
74 scans per second for single-line scanning

Z-SCAN technology

ZEBEX proprietary real-time hardware decoding ensures instant recognition and decoding of the most popular 1D barcodes

Stand-alone or as a scanning module

Instant working is ready; to be embedded into other hardware applications via mounting holes

Optional 3D turning cradle

With two joints, maximizing the range of adjustment

Scanning signals

Indicators include LED light and programmable beeper for scanning status

Flexible communications

Multi-interfaces include keyboard, RS-232C and USB



▲ Optional adjustable cradle.

Applications

Post Office
Administration
Inventory control
Retail
Healthcare
Manufacturing

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, Z-6010 transforms to a scanning module to allow integration into your desirable hardware application.

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



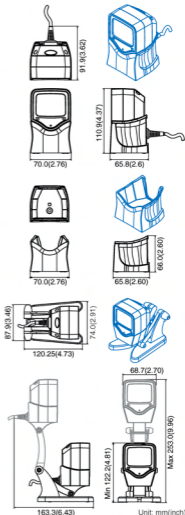
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Specifications

OPERATIONAL	
Light Source	650 nm visible laser diode (LVD)
Depth of Field	0 – 200 mm (UPC/EAN 100%)
Scan Pattern	5 directional scan field
Scan Rate	Omnidirectional: 1,400 scans per second Single-line: 74 scans per second
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, USB, wand emulation
PHYSICAL	
Height	110.9 mm
Depth	65.8 mm
Width	70.0 mm
Weight	200 g (fixed stand included); 350 g (on optional cradle)
Cable	Standard 2 m 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 EN55022 B, FCC Part 15 Class B, 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% – 90% RH (no dewing allowed)
Light Levels	Up to 4,500 Lux (fluorescence)
Shock	Designed to withstand 1.5m drops
DECODING CAPABILITY	
1D Barcodes	UPC/EAN/JAN, UPC/EAN with supplementary, JAN 8 & JAN 13, ISBN/ISSN, Japanese Bookland EAN, Code 39, Code 39 with full ASCII, trioptic Code 39, Codabar (NMT), Code 128, Code 128 with full ASCII, Code 93, Interleaved 2 of 5 (ITF), Addendum 2 of 5, IATA Code, MSI/Plessey, China Postal Code, Code 32 Industrial 2 of 5, Standard 2 of 5, Discrete 2 of 5, Matrix 2 of 5, Code 11, UPC/EAN RSS, RSS variants
Options	

Dimensions



Unit: mm(inch)