

# Z-6010

## Compact Omnidirectional Laser Scanner



◀ The optional 3D turning cradle



- Support both omnidirectional and single-line scanning
- Aggressive scanning performance
- Proprietary Z-SCAN<sup>+</sup> 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<sup>+</sup> 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

|                             |  |
|-----------------------------|--|
| <b>Light Source</b>         | 650 nm visible laser diode (VLD)   |
| <b>Depth of Field</b>       | 0 – 200 mm (UPC/EAN 100%, PCS=90%)   |
| <b>Scan Pattern</b>         | 5 directions of scan field   |
| <b>Scan Rate</b>            | 1,400 scans per second (omnidirectional);<br>74 scans per second (single-line) |
| <b>Number of Scan Lines</b> | 20   |
| <b>Minimum Bar Width</b>    | 5 mil @ PCS=90%  |
| <b>Print Contrast</b>       | 30% @ UPC/EAN 100%   |
| <b>Indicators (LED)</b>     | Two-color LED (blue & red)   |
| <b>Beeper Operation</b>     | Programmable tone & volume   |
| <b>System Interfaces</b>    | Keyboard wedge, RS-232, HID USB, wand emulation                                |

### PHYSICAL

|                   |  |
|-------------------|--|
| <b>Dimensions</b> | (H)110.9 × (D)65.8 × (W)70.0 mm (on fixed stand);<br>(H)122.2–253.0 × (D)120.3–163.3 × (W)74.0 mm (on 3D turning cradle) |
| <b>Weight</b>     | 200 g (on fixed stand); 350 g (on 3D turning cradle)   |
| <b>Cable</b>      | Standard 2.0M straight   |

### POWER

|                          |                |
|--------------------------|----------------|
| <b>Input Voltage</b>     | 5 VDC ±10%     |
| <b>Power Consumption</b> | 1.0 watts      |
| <b>Operating Current</b> | 200 mA typical |

### REGULATORY

|                    |                                     |
|--------------------|-------------------------------------|
| <b>Laser Class</b> | CDRH Class IIa; IEC 60825 Class 2   |
| <b>EMC</b>         | CE & FCC DOC compliance, VCCI, BSMI |

### ENVIRONMENTAL

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



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