Z-6082
Compact Dual-Laser Omnidirectional Vertical Scanner

◀ **Back mounting holes**

DUAL-LASER	Z-SCAN PLUS	2400 SCAN RATE	32 SCAN LINES	IP54 IP CODE	EAS	1.0M DROP TEST

- **Unique dual-laser technology**
- **Proprietary Z-SCAN+ technology**
- **Strict IP54 standards**
- **Barcode stitching capable**
- **Instant "objective-fly-by" automatic wake-up**
- **Visual diagnostic blue LED**
- **Easy on-site configuration and upgradeability**

The Z-6082 vertical laser scanner's dual-laser technology uses two laser diodes which scan in 8 directions at once, enabling 32 scan lines at a rate of 2,400 scans per second. A top performer built for high-volume application, the Z-6082 with ZEBEX proprietary Z-SCAN+ hardware decoding technology delivers ultimate scanning performance from a vertical stance.

The Z-6082 comes in a rugged, cubical, aluminum dye-cast housing, meeting IP54 standards for protection against splashed water and dust. It also comes with a visual diagnostic blue LED that provides immediate feedback of scan status, increasing accuracy and productivity. In addition, the Z-6082 has a built-in EAS antenna, and is expandable for a RFID reader. Multiple interfaces include keyboard, RS-232C, USB and aux. RS-232, enabling easy integration into virtually any environment.

OPERATIONAL

Light Source	Dual 650 nm visible laser diodes (VLD)
Depth of Field	0 – 216 mm (UPC/EAN 100%, PCS=90%)
Width of Field	90 mm @ contact; 218 mm @ 216 mm of depth
Number of Scan Lines	32
Scan Rate	2,400 scans per second
Scan Pattern	8 directions of scan field
Minimum Bar Width	5 mil @ PCS=90%
Print Contrast	30% @ UPC/EAN 100%
Indicators (LED)	Two-color LED (blue & red)
Beeper Operation	Programmable tone & beep time
System Interfaces	Keyboard, RS-232C, HID USB, wand, aux. RS-232

PHYSICAL

Dimensions	(L)152.0 × (W)152.0 × (H)82.0 mm
Weight	1,200 g
Cable	Standard 2.0M straight

POWER

Input Voltage	5 VDC ±10%
Power Consumption	1.5 watts
Operating Current	300 mA

REGULATORY

Laser Class	CDRH Class IIa; IEC 60825-1: Class 1
EMC	CE & FCC DOC compliance, 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 (non-condensing)
Light Levels	Max. 4,000 Lux (fluorescence)
Drop Durability	Designed to withstand 1.0M drops
Environmental Sealing	IP54 rated sealing
Compatibility	EAS compatible

Healthcare	Library	Supermarket	Retail & Convenience Store	Membership Management	Point-Of-Sale	Asset & Facility Management	Warehouse Management	Petrol Station	Information Kiosk	Post Office	Shop Floor Control	Manufacturing

ZEBEX
www.zebex.com