

In-Counter Scanners

Z-6082

Compact Dual-Laser Omnidirectional Vertical Scanner



Features

- **Dual-laser technology**
 - Enables a 32-line scan pattern, 2,400 scans per second for lightning quick, accurate reads within a broadened scan field
- **Z-SCAN technology**
 - ZEBEX proprietary real-time hardware decoding ensures instant recognition and decoding of 1D barcodes
- **Strict IP54 standards**
 - Durable, environment-resistant housing
- **Barcode stitching**
 - An applied logic for deciphering and rebuilding damaged and truncated barcodes, increasing first-pass reads and ensures high throughput
- **Instant "objective-fly-by" automatic wake-up**
 - Reduces power demand and extends scanner life as it "wakes up" from automatic sleep mode when passed over a barcode
- **Visual diagnostic blue LED**
 - Provides enhanced user feedback of scan status
- **Easy on-site configuration & upgradeability**
 - Easy to set up and configure using either a Windows-based program or a barcode scanning-based guide; electronically erasable flash memory ensures simple on site upgrading
- **RFID reader and optional built-in EAS antenna capable**
 - Ready for fast-evolving retail market demand

Applications

Point-of-sale

Materials sorting (e.g. library and post office)

Production line management

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 is expandable, including space for a RFID reader or an optional built-in EAS antenna. Multiple interfaces include keyboard, RS-232C, USB, and aux. RS-232, enabling easy integration into virtually any environment.

 ZEBEX

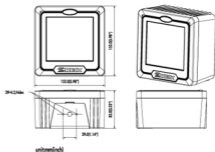


Specifications

OPERATIONAL	
Light Source	Dual 650 nm visible laser diodes
Depth of Field	0 - 216 mm
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 and beep time
System Interfaces	Keyboard, RS-232C, USB1.1, wand, aux. RS-232
PHYSICAL	
Height	152.0 mm
Depth	82.0 mm
Width	152.0 mm
Weight	1,200 g
Cable	Standard 2m straight
POWER	
Input Voltage	5 VDC \pm 10%
Power Consumption	1.5 Watts
Operating Current	300 mA
REGULATORY	
Laser Class	CDRH Class IIa; IEC 60825-1: Class I
EMC	CE & FCC DOC compliance
ENVIRONMENTAL	
Operating Temperature	0°C - 40°C
Storage Temperature	-20°C - 60°C
Humidity	5% - 95% RH (non-condensing)
Light Levels	Max. 4,000 LUX (fluorescence)
Shock	Designed to withstand 1m drops
Compatibility	EAS Compatible

* Product availability & specifications depend on territory market strategy; all are subjects to change without prior notice.
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Dimensions



Scan Field

