

In-Counter Scanners

Z-6081

Dual-Laser Omnidirectional In-Counter Scanner



Features

- **Dual-laser technology**
 - 32 scan lines enable accurate scans at a quick clip
- **Z-SCAN technology**
 - Proprietary ZEBEX hardware decoding capabilities delivers accurate reads 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
- **Field-replaceable scratch-resistant window**
 - For increased convenience and decreased downtime
- **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 ready**
 - For enhanced scan functionality
- **Flexible communications**
 - Multiple user interfaces include keyboard, RS-232C, USB, and aux. RS-232

Applications

Point-of-sale

Production line management

The Z-6081 in-counter laser scanner is a powerful scanning solution specifically designed for high-traffic environments with limited space. Like its big brother the Z-6080, the Z-6081 features dual-laser technology that enables 32 scan lines for enhanced speed and accuracy, but manages to do so in a unit that measures significantly less in size than comparable scanners.

With proprietary Z-SCAN hardware decoding technology, the Z-6081 is able to decode virtually every 1D barcode in existence with lightning-quick speed. The visual diagnostic blue LED on the Z-6081 provides immediate visual user feedback, increasing both accuracy and productivity.

Experience the difference dual-laser technology makes with the Z-6081 from ZEBEX.





Specifications

OPERATIONAL	
Light Source	Dual 650 nm visible laser diodes
Depth of Field	0 - 216 mm
Number of Scan Lines	32
Scan Rate	3,200 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, aux. RS-232
PHYSICAL	
Height	192.0 mm
Depth	102.0 mm
Width	232.0 mm
Weight	2,100 g
POWER	
Power Supply Voltage	100-240 VAC, 50/60 Hz
DC Input Scanner	+12V, -12V, +5V
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

Dimensions



Unit: mm(inch)

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