

Hands-Free Scanners

Z-6070 Series

Dual-Laser Omnidirectional Scanner



Features

- **Dual-laser technology**
 - Enables an unprecedented 32-line scan pattern and 2,400 scans per second for lightning quick, accurate reads
- **Z-SCAN technology**
 - ZEBEX proprietary real-time hardware decoding enables instant recognition and decoding of 1D barcodes
- **Large scan field**
 - 45° scan angle for improved effectiveness and productivity
- **Single-line scanning capability**
 - Able to switch to single-line mode to avoid erroneously reading wrong barcodes
- **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; scanner goes into automatic sleep mode when not in use, but "wakes up" at the pass of barcode
- **Rugged scan window**
 - Durable scan window in CR39 to sustain from dropping
- **Easy on-site configuration & upgradeability**
 - Simple setup using either a Windows-based program or a barcode scanning-based guide; with electronically erasable flash memory to ensure easy on-site upgrade

Applications

Point-of-sale

Stock control

Production line management

Featuring the world's first dual-laser technology, the Z-6070 presentation scanners represent the pinnacle of scanning performance. The first of its kind, the Z-6070 series utilizes two laser diodes that effectively double the scan lines, broaden scan angles and intensify scan pattern across the scan field. The result is the most powerful presentation scanner on the market today, boasting a 32-line scan pattern and a scan rate of an unprecedented 2,400 scans per second. The Z-6070 series also generates a 45° scan field, ensuring effective scans, regardless of scanning surface conditions. ZEBEX proprietary Z-SCAN hardware decoding technology adds to an already impressive unit, enabling instant recognition and decoding of barcodes in real-time.

As a presentation scanner, the Z-6070 series offers convenient hands-free operation, but when a situation like oversized merchandise calls for a handheld scanner, the Z-6070 series transforms into a powerful handheld unit simply by removing it from its convenient stand. A programmable sleep mode conserves power and prolongs the service life of the Z-6070 series, and multiple interfaces including keyboard, RS-232C, and USB means the Z-6070 series can be easily integrated into virtually any high-traffic retail environment.

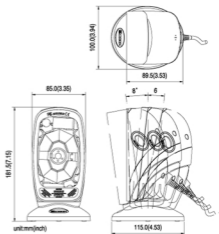
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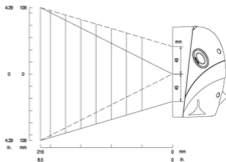
Specifications

OPERATIONAL	
Light Source	Dual 650 nm visible laser diodes
Depth of Field	0 - 216 mm
Width of Field	45 mm x 2 @ 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 (green & red)
Beeper Operation	Programmable tone and beep time
System Interfaces	Keyboard, RS-232C, USB1.1, wand
PHYSICAL	
Height	181.5 mm
Depth	89.5 mm
Width	85.0 mm
Weight	245 g (stand excluded)
Cable	Standard 2 m straight
Tilt	8° forward; 6° backward
POWER	
Input Voltage	5 VDC ± 10%
Power Consumption	1.35 Watts
Operating Current	270 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% - 90% RH (non-condensing)
Light Levels	Max. 4,000 LUX (fluorescence)
Shock	Designed to withstand 1m drops

Dimensions



Scan Field



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