

Handheld Scanners

Z-3071 Series

Handheld Laser Scanner



Features

- **Multiple configurations available**
 - Four models: wide-angle laser engine (WA), long-range laser engine (LR), middle-range laser engine (LE), and 868 RF communication (WA/RF)
- **Powerful scanning performance**
 - Minimum resolution of 5mil with up to 40 scans per second
- **Ergonomic, rugged design**
 - Solid ABS plastic housing for long-lasting durability
- **Built-in decoder**
 - For instant recognition and decoding of the most popular barcodes
- **LED scan indicator and programmable beeper**
 - For enhanced user feedback of scan status
- **Flexible communications**
 - Multiple interfaces include keyboard, RS-232C, USB, and wand

Applications

Point-of-sale
Stock control
Logistics tracking
Document tracking
Asset management

With a rugged design and quality ABS plastic construction, the Z-3071 handheld laser scanner is not only a handsome looking device, but is built to last. It comes in two color combinations: black/yellow, standout colors ideal for a dusty warehouse environment; white/gray, coloring to match a white POS system. Offering solid scanning performance, the Z-3071 is also available in several configurations to fit any task. Models with combinations of a wide-angle laser engine, long-range laser engine, middle range laser engine, and 868 RF communication are all possible. In fact, the Z-3071 can even be outfitted with its own independent rechargeable battery, turning it into a portable, self-powered scanner.

The Z-3071 adeptly handles a wide range of scanning functions. Its powerful optic system enables a minimum resolution of 5mil at a brisk 40 scans per second. With its built-in decoder, the Z-3071 recognizes and decodes the large majority of 1D barcodes on the market. Users can receive instantaneous audio and visual feedback with the handy scan read LED and programmable beeper, plus multiple interfaces means that the Z-3071 can easily be integrated into virtually any retail, office, or warehouse environment.

Experience heavy-duty scanning performance with the Z-3071 series from ZEBEX.



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Z-3071 Series Specifications

Model	Description	Scan Angle	Scan Speed	Depth of Field	Power Supply
Z-3071-LE	Economical Mode	46°	40 scans/second	20-400mm	180 mA @ 5.0V
Z-3071-WA	Wide-Angle Model	53°	36 scans/second	0-559mm Width of Field: 0-508mm	160 mA @ 5.0V
Z-3071-LR	Long-Range Model	23°	36 scans/second	254-5334mm	200 mA @ 5.0V
Z-3071-WA/RF	Wide-Angle/Wireless Model	53°	36 scans/second	0-559mm	160 mA @ 5.0V

*Based on UPC/EAN 100%, PCS 90%

OPERATIONAL	
Light Source	650nm visible laser diode
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
WIRELESS	
Frequency Baud	868 MHz
Modulation Method	FSK (frequency shift keying)
RF Communication Rate	Up to 10K per second (scanner to cradle)
Radio Range	300 meters
Number of Channel	15
PHYSICAL	
Height	154.3mm
Depth	118.0mm
Width	78.7mm
Weight	180g
Cable	Standard 2m straight
POWER	
Input Voltage	5VDC ± 10%
Power	Max. 1.0 Watts
Laser Class	(a) LE series: CDRH Class II; IEC 60825-1: Class I (b) WA series: CDRH Class II; IEC 60825-1: Class I (c) LR series: CDRH Class IIIa
EMC	
EMC	CE & FCC DOC compliance
ENVIRONMENTAL	
Operating Temperature	(a) LE series: 0°C - 45°C (b) WA series: 0°C - 40°C (c) LR series: 0°C - 50°C
Storage Temperature	-20°C - 60°C
Humidity	(a) Operating: 10% - 90% (non-condensing) (b) Storage: 5% - 95% (non-condensing)
Light Levels	Max. 4500 LUX (fluorescence)
Shock	Designed to withstand 1m drops

Specifications are subject to change without notice.
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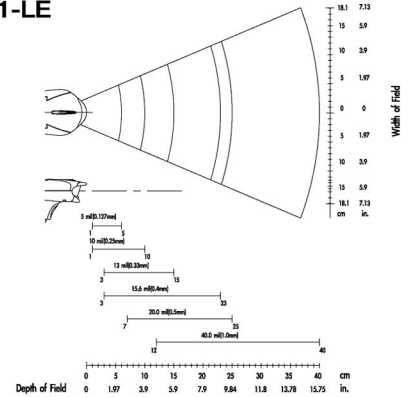
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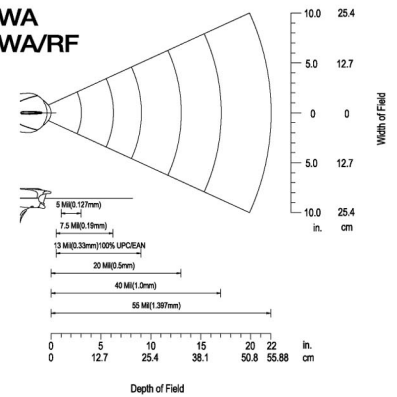
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Scan Field

Z-3071-LE



Z-3071-WA Z-3071-WA/RF



Z-3071-LR

