

Z-3071 series

Handheld Laser Barcode Scanner

INTRODUCTION

The Z-3071 series is ZEBEX's newest developed handheld type laser barcode scanner with optional choices of different scan engines, interfaces, and as well as the communications. You can puzzle up your selections to meet your required purposes.

Ergonomics, elegant, and ruggedized design with a wider view for supreme reading capability. It is equipped with multi-interface that supports RS-232, keyboard and USB interface for automatically distinguishing and reading of the most popular and industrial symbologies. There are also optional versions of Z-3071 series with 868/915 RF communications and RFID tag reader option available, and optional to be as a rechargeable self-powered scanner aimed for advantages on power supply sensitive units.

The Z-3071 series guarantees the best performance for any of your barcode scanning applications with the most competitive price at the market..



- Smart & quick detachable cable system



Z-3071 Series
RF Solution



Z-3071 Series
Stand

FEATURES

- 7 choices available with different optional combinations of wide-angle laser engine, long-range laser engine, and RFID tag reader with multiple interface or 868/915 RF communication.
- Multi interfaces include keyboard wedge, RS-232 (C-MOS serial) and USB interface.
- Built-in decoder allows automatic recognition and decoding of most popular barcodes.
- Optional to be as a rechargeable self-powered scanner.
- Good read LED indicator and tone programmable beeper.
- Ergonomics and ruggedized design with a wider view for supreme reading capability and of course a more elegant look.

ZEBEX
TO BE THE BEST IN AUTO ID

Z-3071 Series HANDHELD LASER BARCODE SCANNER

SPECIFICATIONS

PRODUCTS CONFIGURATION

Model Number	LE Laser Engine	WA Laser Engine	LR Laser Engine	RF Communication	RFID Tag Reader	Scan Angle	Scan Rate	PCS* Value	Reading* Distance	Power Supply
Z-3071-LE	●					46°	40	40%	7"	180mA@5.0V
Z-3071-WA		●				53°	36	35%	10"	160mA@5.0V
Z-3071-LR			●			23°	36	35%	20"	200mA@5.0V
Z-3071-WA/RF		●		●		53°	36	35%	10"	160mA@5.0V
Z-3071-LR/RF			●	●		23°	36	35%	20"	200mA@5.0V
Z-3071-WA/TG		●			●	53°	36	35%	10"	160mA@5.0V
Z-3071-LR/TG			●		●	23°	36	35%	20"	200mA@5.0V

* Note: Based on UPC/EAN 100%, PCS=90

ENVIRONMENTAL

Temperature	(a) LE series: 0°C ~ 45°C (b) WA series: 0°C ~ 40°C (c) LR series: 0°C ~ 50°C
Humidity	(a) Operating: 10% ~ 90% (No dewing allowed) (b) Storage: 5% ~ 95% (No dewing allowed)
Shock	1.0 meter drop to concrete
Max. Ambient Light Rejection	4500 Lux Max (Fluorescence) 86000 Lux Max (Sunlight)

SAFETY

Laser Safety	(a) LE series: CDRH Class II / IEC 825-1 Class I (b) WA series: CDRH Class II / IEC 825-1 Class I (c) LR series: CDRH Class IIIa
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MECHANICAL

Weight	180g (excluding cable and connector)
Case Material	ABS plastic
Cable	Straight 2m (optional coil)
Connector Type	Quick lock connector

INTERFACE

Keyboard emulation, C-MOS serial, RS-232C serial and USB interface

KEYBOARD EMULATIONS

IBM PC/XT/AT, IBM PS/2 Model 30-80, IBM 5550, 5530-SC, 5530-ZC, IBM 3196, 3472/3477, 5295 Terminal, NEC 9801, Apple MAC II, and more

DECODING CAPABILITIES

UPC A/E, EAN-8/JAN-8, EAN-13/JAN-13, Addendum 2 or 5, Full ASCII Code 39, Code 39, Code 93, Interleaved 2 of 5, Codabar, Code 128, Chinese postcode.
Optional: IATA, EAN-128, Code 11, STD 2 of 5, MSI Plessey, Matrix 2 of 5

RFID Transponder Read/Write Electronic (For Tag Series)

Technology Transponders	13.56 MHZ Reads GemWave Transponders from GemPlus, Ario 10 and Ario 40. Optional: I code and Tag it
Read/Write Speed	24 KBit/Sec. (Write and back of 2 KBit > 1.5 sec)
Read/Write Distance	Up to 100mm

Radio Specification (For RF Series)

Frequency Baud	868 and 915 MHZ
Modulation Method	FSK (Frequency Shift Keying)
Data Rate	Up to 19.2K baud
Power Output	Maximum 10mW
Radio Range	30 meters
Channel Selection	Software ID selection
Electrical	Complies with EN 300 220 and FCC FCR 47 and 15

PROGRAMMABLE CHARACTERIS

Built-in Decoder:

Type of interface
Code type selection, check digit selection
Decoding option
Transmitted character delay
Header selection, trailer selection
Good read beep tone and volume
Barcode identifier

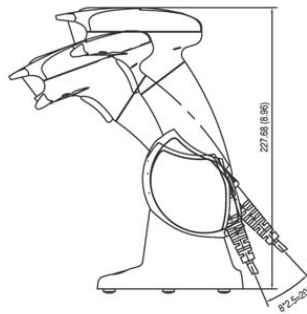
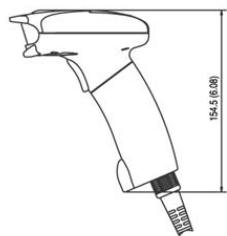
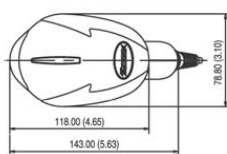
Keyboard Emulation Configuration:

Inter-message delay, keyboard type and keyboard language

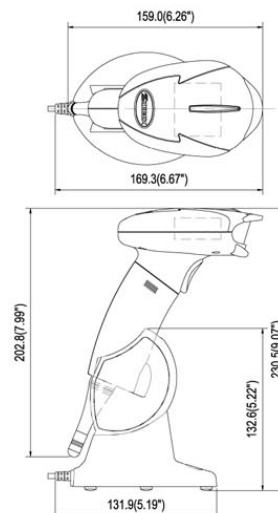
Serial Interface Type:

ACK/NAK, Xon/Xoff, RTS/CTS, Baud Rate, Data Bits, Stop Bits, Parity

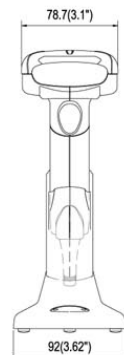
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Z-3071 Series with Stand



Z-3071 Series RF Solution



HEADQUARTERS

ZEBEX INDUSTRIES INC.

2F, 531-1, Chung Cheng Road,
Hsin-Tien City, Taipei, Taiwan
Telephone / +886-2-2218-2018
Facsimile / +886-2-2218-8670
WebSite / www.zebex.com.tw
E-mail / mail@zebex.com.tw

USA

ZEBEX AMERICA INC.

11 Ilene Court, Unit #2,
Hillsborough, NJ 08844
Telephone / +1-908-359-2070
Facsimile / +1-908-359-1272
WebSite / www.zebex.com
E-mail / sales@zebex.com

CHINA

ZEBEX INDUSTRIES (SHANGHAI) INC.

Number 1998, Qixin Road,
Minhang District, Shanghai, China
Telephone / +86-21-5479-4420
Facsimile / +86-21-5479-4421
WebSite / www.zebex.com.tw
E-mail / zebex@21cn.net