Z-3070 series

Handheld Barcode Scanner

INTRODUCTION

The Z-3070 series is ZEBEX's newest developed handheld type 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 equiped with multi-interface that supports RS-232, keyboard & USB interface for automatically distinguishing and reading of the most popular and industrial symbologies. There are also optional versions of Z-3070 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-3070 series guarantees the best performance for any of your barcode scanning applications.

· Smart & quick detachable cable system

Z-3070 Series
RF Solution

Z-3070 Series
Stand

FEATURES

- 6 choices available with different optional combination of single CCD, Dual CCD, 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-3070 Series HANDHELD BARCODE SCANNER

SPECIFICATIONS

PRODUCTS CONFIGURATION

Model Number	Single CCD	Dual CCD	RF Commu-nication	RFID Tag Reader	Scan Angle	Scan Rate	PCS* Value	Reading* Distance	Power Supply
Z-3070-DC		●			30°	300	30%	11"	160mA@5.0V
Z-3070-EC	●				30°	150	30%	6"	160mA@5.0V
Z-3070-DC/RF		●	●		30°	300	30%	11"	180mA@5.0V
Z-3070-EC/RF	●		●		30°	150	30%	6"	180mA@5.0V
Z-3070-DC/TG		●		●	30°	300	30%	11"	200mA@5.0V
Z-3070-EC/TG	●			●	30°	150	30%	6"	200mA@5.0V

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

ENVIRONMENTAL

Temperature	(a) Operating: 0℃ ~ 50℃
	(b) Storage: -10℃ ~ 60℃
Humidity	(a) Operating: 10% ~ 90% (No dewing allowed)
	(b) Storage: 5% ~ 95% (No dewing allowed)
Shock	1.0 meter drop to concrete
Max. Ambient	4500 Lux Max (Fluorescence)
Light Rejection	86000 Lux Max (Sunlight)

MECHANICAL

Weight	180g (excluding cable and connector)
Case Material	ABS plastic
Cable	2m straight (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 Plessy, Matrix 2 of 5

RFID Transponder Read/Write Electronic (For Tag Series)

Technology	13.56 MHZ
Transponders	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
Electrial	Complies with EN 300 220 and FCC FCR 47 and 15

PROGRAMMABLE CHARACTERISTICS

Built-in Decoder:
Type of interface
Code type selection, check digit seletion
Decoding option
Transmitted character delay
Header selection, trailer selection
Good read beep tone and volume
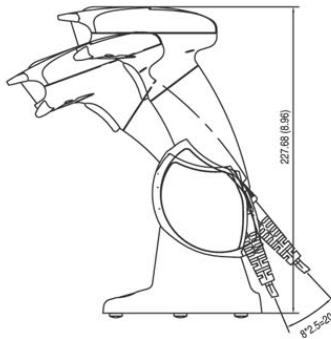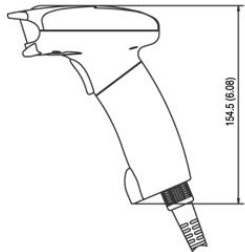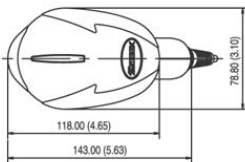Barcode identifier
Keyboard Emulation Configuration:
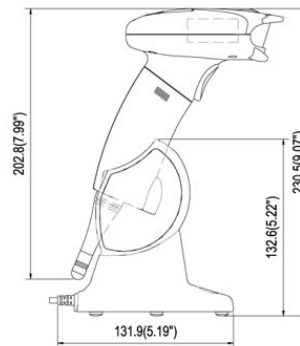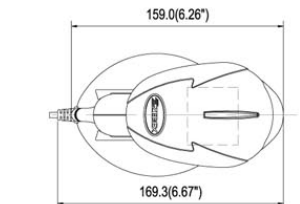Inter-message delay, keyboard type and keyboard language
Serial Interface Type:
ACK/NAK, Xon/Xoff, RTS/CTS, Raud Rate, Data Bits, Stop Bits, Parity

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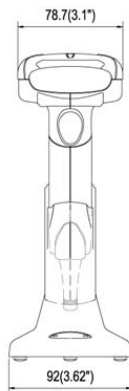**© 2003 ZEBEX Catalogue No. CAT-30225-04**

UNITS : mm (inch)

Z-3070 Series with Stand

Z-3070 Series RF Solution