

ZB-600 series

Barcode Slot Reader

INTRODUCTION

The ZB-600 series Barcode Slot Reader features a slot through which bar-coded cards can slide for bar code reading. A built-in decoder allows decoding to be accomplished within the reader. For those already having an independent decoder, however, a TTL version is available.

The ZB-600 series has two cable output holes in its compact yet rugged housing, one at the bottom, the other at the side, allowing the cable to go either way, thus ensuring easy and flexible installation.

The ZB-600 series is compatible with all kinds of hosts. Its functions are programmable using the accompanying barcode-programming menu. A variety of versions are available to suit different needs.



FEATURES

- Superior optical performance with a minimum resolution of 0.15mm
- Maximum allowable card thickness 1.5mm
- Good read LED indicator and tone programmable beeper
- Built-in decoder allows automatic recognition and decoding of most popular barcodes
- Interfaces including: RS-232C, C-MOS serial, Wand and Keyboard Emulation


TO BE THE BEST IN AUTO ID

ZB-600 BARCODE SLOT READER

SPECIFICATIONS

OPTICAL

Resolution	0.15mm (6 mils)
Depth of Field	0 ~ 2mm
PCS Value	45% or more
Light Source	660nm visible LED 940nm infrared LED (optional)
Scan Speed	80 ~ 800 mm/sec

ELECTRICAL

Supply Voltage	5VDC ± 10%
Operating Current	ZB-600R : 95mA ZB-600K : 85mA ZB-600T : 25mA

ENVIRONMENTAL

Operating Temperature	0 ~ 40°C
Storage Temperature	- 10 ~ 70°C
Humidity	20 ~ 85% RH (non-condensing)
Shock	1.0 meter drop to concrete
Max Ambient Light Rejection	1500 Lux (fluorescence) 800 Lux (sunlight)

MECHANICAL

Cable Length	Straight (1.5m)
Weight	140g
Color	Black
Case material	ABS plastic

INTERFACE

1. RS-232C Serial
2. C-MOS Serial
3. Keyboard Emulation
4. TTL (Wand Output)

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, full ASCII Code 39, Code 39, Interleaved 2 of 5, Code 93, Codabar, Code 128.

Optional: IATA, EAN-128, Code 11, STD 2 of 5, MSI Plessey, Chinese postcode, Matrix 2 of 5

PROGRAMMABLE CHARACTERISTICS

Built-in decoder :

Type of interface :
Code type selection, check-digit selection
Decoding option :

Transmitted character delay, header/trailer selection,
good read beep volume and tone, barcode identifier

Keyboard Emulation Type:

Inter-message delay, keyboard type and keyboard language

Serial Interface Type:

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

ORDERING INFORMATION

ZB-600R :RS-232C interface

ZB-600C: C-MOS serial interface

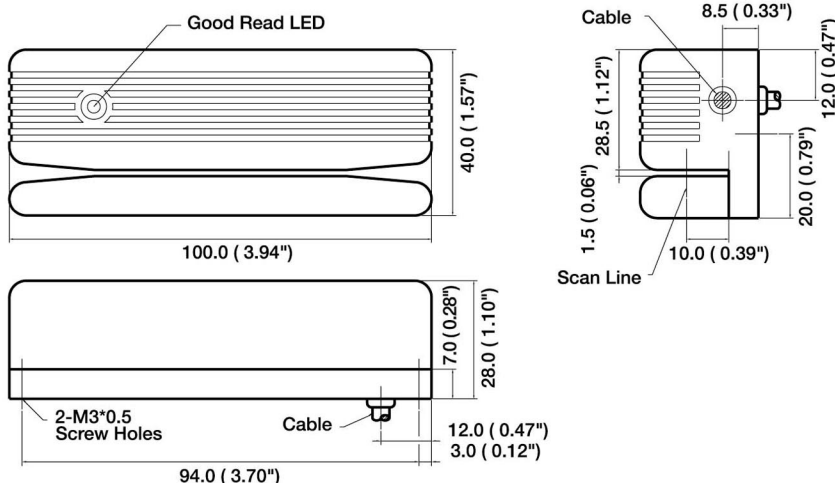
ZB-600K: Keyboard emulation

ZB-600T: TTL (Wand Output)

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UNITS : mm (inch)



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