

## ZB-600 Series

Barcode Slot Reader



### Features

- **Superior scanning performance**
  - Minimum resolution of 6 mil for accurate scans
- **Built-in hardware decoder**
  - Enables instant recognition of the most commonly-used barcodes
- **Good read LED and programmable beeper**
  - Enhanced user feedback increases productivity
- **Solid ABS plastic construction**
  - Stands up to heavy-traffic environments
- **Flexible communications**
  - RS-232C, keyboard, and TTL models available for easy integration

### Applications

Exhibition attendance  
Membership management  
Entrance management

The ZB-600 series of barcode slot reader offers ZEBEX scanning performance in a unit that is flexible enough to integrate into virtually any environment. With a 660 nm visible LED, the ZB-600 series is capable of a minimum resolution of 6 mil for accurate reads. A built-in hardware decoder instantly decodes the most popular barcodes, enabling the ZB-600 series to make quick work of heavy-duty barcode reading tasks.

The ZB-600 series comes with a programmable beep tone and a good read LED for immediate user feedback. Solidly constructed with ABS plastic, the ZB-600 series is designed with two cable outlet holes that allow the cable to be routed either to the back or side of the unit, ensuring hassle-free installation. The ZB-600 series also comes in 3 different models, each featuring a different interface for easy integration.

### Specifications

OPERATIONAL	
Light Source	660 nm visible LED or 880 nm infrared LED
Depth of Field	0 - 2 mm
Scan Rate	80 - 800 mm per second
Minimum Bar Width	6 mil @ PCS 90%
Print Contrast	45% @ UPC/EAN 100%
Indicators (LED)	Good read LED
Beeper Operation	Programmable tone and beep time
System Interfaces	(a) ZB-600R: RS-232C (b) ZB-600K: Keyboard (c) ZB-600T: TTL (wand output)
PHYSICAL	
Height	40.0 mm
Depth	28.0 mm
Width	100.0 mm
Weight	140 g
Cable	Standard 1.5m straight
POWER	
Input Voltage	5 VDC ±10%
Operating Current	(a) ZB-600R: 95 mA (b) ZB-600K: 85 mA (c) ZB-600T: 25 mA
REGULATORY	
EMC	CE & FCC DOC compliance
ENVIRONMENTAL	
Operating Temperature	0°C - 40°C
Storage Temperature	-10° - 70°C
Humidity	20% - 80% RH (non-condensing)
Light Levels	Max. 1,500 LUX (fluorescence)
Shock	Designed to withstand 1m drops

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