

## Scan Modules & Others

# ZM-100 Series

## Magnetic Stripe Reader



### Features

- **Bi-directional reading ability**
  - Reads magnetic stripe swipes from either direction for enhanced convenience
- **Power on self-check function**
  - Ensures full functionality at start up
- **Good read buzzer**
  - Provides instant user feedback on swipe status
- **PC/AT PS/2 keyboard emulation**
  - Allows quick connectivity with IBM XT/AT and PS/2 computers
- **Dip switch selectable RS-232C communication protocol**
  - For greater flexibility
- **Easy installation and operation**
  - Get up and running quickly and hassle-free

### Applications

- Exhibition attendance
- Membership management
- Entrance management

Designed with simplicity and performance in mind, the ZM-100 series of magnetic stripe reader from ZEBEX offers bi-directional reading capability that makes it ideal for applications such as credit authorization terminals, point-of-sale terminals, personal computers, and banking terminals. The ZM-100BK version comes with PC/AT PS/2 keyboard emulation, enabling it to connect to IBM XT/AT and PS/2 computers quickly and easily without need for complicated software modification, I/O device programming, or additional power supplies. With the ZM-100BR version, dipswitch selectable RS-232C communication is provided.

The built-in buzzer of ZM-100 series immediately notifies the user when a particular scan is successful. Selection of dual or triple tracks is provided, as is a high-quality magnetic head that is good for over 500,000 swipes resulting in a longer lifecycle and lower operation cost. What's more, the ZM-100 series can handle 10 to 120cm/s swipe speeds while consuming a scant 50mA with normal operation.

For a handy device that is easy to use, the ZM-100 series from ZEBEX fits the bill nicely.

### Specifications

<b>OPERATIONAL</b>	
Swipe Rate	100-1,200 mm per second
Life for Magnetic Head	Over 500,000 times
Beeper Operation	Programmable tone
System Interfaces	PC/AT PS/2 keyboard emulation, RS-232C
<b>PHYSICAL</b>	
Height	35.0 mm
Depth	48.0 mm
Width	115.5 mm
Weight	250 g
<b>POWER</b>	
Input Voltage	5 VDC $\pm$ 10%
Operating Current	Max. 50 mA
<b>REGULATORY</b>	
EMC	89/336/EEC CE & FCC Class B
<b>ENVIRONMENTAL</b>	
Operating Temperature	0°C - 40°C
Storage Temperature	-20° - 60°C
Humidity	20% - 80% RH (non-condensing)
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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