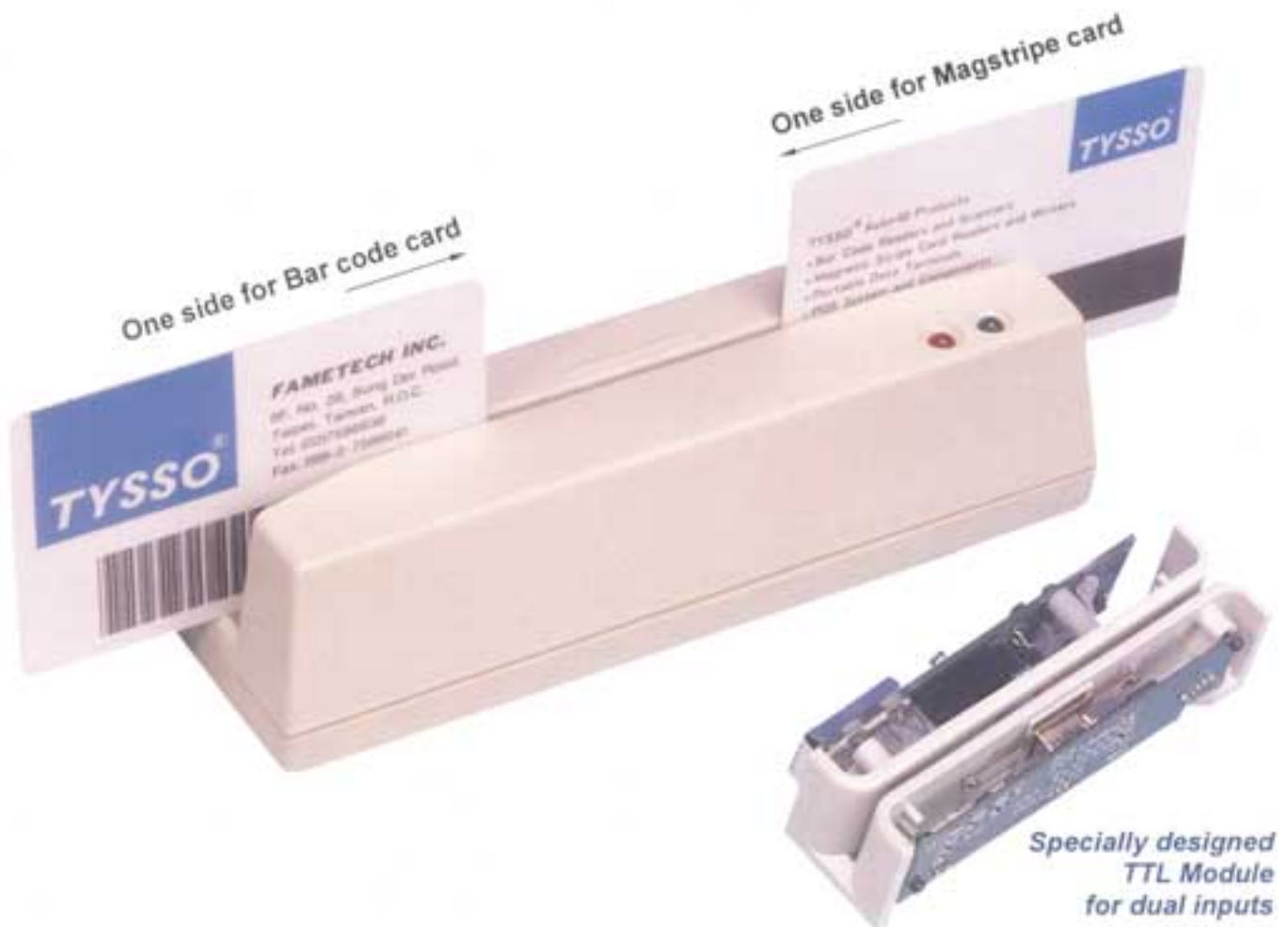


# BMR-800 Series

Bar Code  
Magstripe

## Two-in-One Card Reader



TYSSO BMR-800 Series are a specially designed two-in-one slot reader for bar code as well as mag. stripe scanner. One side of the reader accepts bar code card while the other side for magnetic stripe card.

The reader can be equipped with keyboard wedge or RS-232 serial interface. Software setting can be done by barcode setting cards. It is easy to configure and install the reader.

The bar code portion supports visible red or infrared light source, and the mag. stripe portion supports single, dual and stripe tracks compliant with ISO and JIS standards.

### Features

- One side for bar code card, reading most commonly used symbologies.
- The other side for mag. stripe card, reading single, dual and triple tracks compliant with ISO and JIS standards.
- The bar code reading light source can be visible red or infrared LED.
- The magnetic head life: 300,000 passes minimum.
- Keyboard wedge connection supports: PC / XT/ AT, PS/2, Macintosh, NEC 98 series and IBM Terminals ( 3196 / 3197 / 3476 / 3477).
- Serial connection supports standard RS-232 ports on most computers.
- Two LED and an audio beeper indicator for operation.
- 17 languages can be set for keyboard connection.
- Accept OEM request for TTL module with Two-in-One reader.

## Specifications:

- **Power**
  - Operating Voltage: +5V ± 5% DC
  - Input Voltage:
    - +5V DC from keyboard power source
    - +5V DC from external power adaptor
  - Operating Current: 50 mA
- **Temperature**
  - Operating : 0 °C to 50 °C
  - Storage : -20 °C to 70 °C
- **Humidity**
  - 0% to 95% relative humidity (non-condensing)
- **Swipe Speed**
  - 5 to 60 inch/sec.
- **Magnetic Head Life**
  - 300,000 passes minimum
- **Bar Code Light Source:**
  - Visible Red (660nm) or Infra-red (940nm)
- **Weight:** 185g
- **Cable Length**
  - Keyboard Wedge Reader:
    - Reader to Keyboard : 0.3m
    - Reader to computer : 1.5m
  - Serial Reader:
    - Reader to computer : 1.5m
- **Interface**
  - Keyboard Wedge Reader
    - 5 pin DIN connector for PC/XT/AT
    - 6 pin mini-DIN connector for PS/2
  - RS-232 Serial Reader
    - 9 pin D-Sub Female connector

## Support Input Reading:

- **Bar Code Reading:**
  - Code 39 (Standard and Full ASCII)
  - Interleaved 2 of 5 / Industrial 2 of 5 / Matrix 2 of 5 / China Postage Code
  - Code 128 — ISBN / ISSN
  - Code 93 — EAN / JAN / UPC and Add-on
  - Code 11 — Codabar / NW7
  - MSI-PLESSEY — Code 4
- **Magnetic Stripe Reading:**
  - IATA for ISO first track magnetic stripe card.
  - ABA for ISO second track magnetic stripe card.
  - THRIFT for ISO third track magnetic stripe card.
  - JIS-II for Japan JIS standard track magnetic stripe card.

Support reading single, dual and tripe tracks.

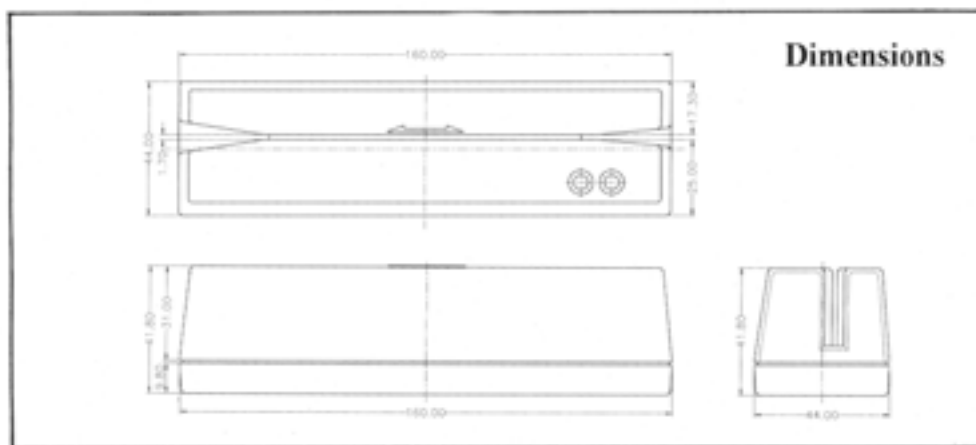
## Series:

- **BMR-800K Series:** Keyboard wedge interface
- **BMR-800R Series:** RS-232 serial interface

## Models:

- **Single track:**
  - BMR-801 for track 1, BMR-802 for track 2, BMR-803 for track 3, BMR-804 for track JIS-II.
- **Dual track:**
  - BMR-812 for track 1 & 2, BMR-823 for tracks 2 & 3, BMR-824 for tracks 2 and JIS-II.
- **Triple track:**
  - BMR-830 for tracks 1 & 2 & 3, BMR-841 for tracks 1 & 2 & JIS-II, BMR-843 for tracks 2 & 3 & JIS-II.

Special specifications can be upon request.



ISO-9002 Certified



Manufacturer

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