

# CMSR/MMSR/TMSR

## Compact Magnetic Card Reader

CMSR/MMSR/TMSR Series are compact-sized, manual swipe type magnetic stripe card readers for use with a personal computer via the keyboard wedge, RS-232 or USB. It is easy to use just simply installed to the PC without installing driver.

CMSR/MMSR/TMSR Series can operate over 300,000 pass minimum (and 1,000,000 passes model available for customized request).

CMSR/MMSR/TMSR series also support single or multiple tracks configuration and major standards. These enable CMSR/MMSR/TMSR series suitable for most applications effortlessly.



## Feature



Reliable read head  
(up to 1,000,000 passes)



Compact size,  
Multiple Tracks (1&2&3) with  
ISO and JIS-II compatible

Light  
Weight

Track 1 2 3  
Multiple  
Tracks

JIS-II  
Compatible

Easy  
Setup

Keyboard  
Wedge  
RS-232/USB

ISO  
Standard

- Comply with ISO and JIS standards
- 300,000 passes head  
(1,000,000 passes head available)
- Interface:  
RS-232, USB, Keyboard Wedge (PS/2)
- Tracks: 1,2,3 1&2 2&3 1&2&3 and  
JIS-II compatible
- User-Friendly Setup Utility
- Stylish, Adorable Design

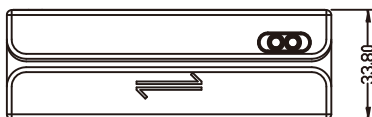
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## Compact Magnetic Card Reader

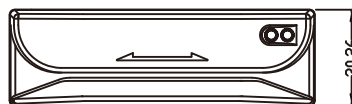
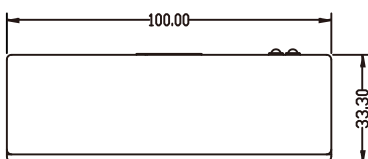
### Specification

Model	MMSR Series	TMSR Series	CMSR Series
<b>General</b>			
Magnetic Head Life	300,000 pass minimum (1,000,000 passes model available for customized request)		
Recording Method	F2F (two-frequency coherent phase) complied with ISO and JIS-II standard		
Swipe Speed	10~60 inch/sec		
Card Standard	Track 1	IATA Standard	
	Track 2	ABA Standard	
	Track 3	THRIFT Standard	
	JIS-II	JIS x 6301 Standard	
Card Density	Track 1	79 characters (7 bit code)	
	Track 2	40 characters (5 bit code)	
	Track 3	107 characters (5 bit code)	
	JIS-II	79 characters (7 bit code)	
Interface	RS-232, USB, Keyboard Wedge (PS/2)		
<b>Other</b>			
Power Source	+5VDC±10%		
Current Consumption	<100 mA		
Configuration Utility	Yes (for Windows-based)		
Material	ABS		
Indicator	LED Indicator x2		
Color	Black, Beige		
Compliance	CE, FCC		
Cable Length	1.5 m		
Weight	119 g	101.3 g	120 g
Dimension (mm)	100 (L) x 33.8 (W) x 33 (H)	96.2 (L) x 30.2 (W) x 32.2 (H)	109 (L) x 35.9 (W) x 33.4 (H)
Operating Temperature	0°C ~ 50°C		
Operating Humidity	20% ~ 80% RH non-condensing		
Storage Temperature	-20°C ~ 60°C		
Storage Humidity	20% ~ 90% RH non-condensing		

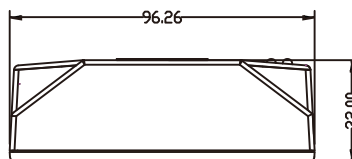
### Dimension



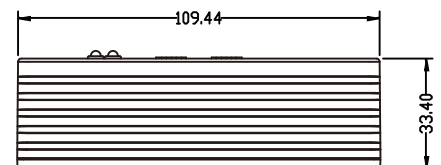
MMSR



TMSR



CMSR



ISO-9002 Certified



Beyond Mere POS

<http://www.famotech.com.tw>
**TYSSO**®