

MR1000 MINI-MAGNETIC STRIPE READER SPECIFICATIONS

MECHANICAL

Weight	0.4 lbs.
Height	1.23 inches
Width	1.28 inches
Length	3.94 inches
Magnetic Head	
Number of Tracks(MR1000)	2 (Any Combination of Tracks 1 and 2)
Number of Tracks(MR1300)	3 (Any Combination of Tracks 1, 2, and 3)
Track Width	1.4 mm
Core Material	Permalloy or Sendust
Life	>1,000,000 passes
Card Feed	
Speed	100 to 1200 mm/sec
Force	90g typical, 180g max.
Direction	Bi-directional

ELECTRICAL

Supply Voltage	+5VDC
Supply Ripple	100 mv p-p max.
Current	30 mA max.

ENVIRONMENTAL

Operating Temperature	-10 to +55°C
Storage Temperature	-30 to +70°C
Relative Humidity	
Operating	10 to 95% non-condensing
Non-operating	10 to 95% non-condensing
Vibration (10 to 55 Hz.)	4G's
Shock	30G's

INTERFACE

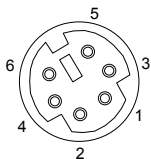
Wedge Interface	PS/2 standard (AT optional)
USB	HID Keyboard
Serial	RS232C
Protocol	
Baud Rate	2400, 4800, 9600*, 19200
Parity	None*, Even, Odd
Data Bits	7, 8*
* Factory Default Value	

CONNECTOR PINOUT

KEYBOARD WEDGE

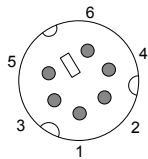
Mini - DIN 6F (to keyboard)

- 1 Data
- 2 No Connection
- 3 Ground
- 4 +5VDC
- 5 Clock
- 6 No Connection



Mini - DIN 6M (to computer)

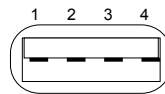
- 1 Data
- 2 No Connection
- 3 Ground
- 4 +5VDC
- 5 Clock
- 6 No Connection



USB

Type-A Connector

- 1 +5VDC
- 2 D-
- 3 D+
- 4 Ground



RS232

DB9 Female connector

- 1 Tied to 4 & 6
- 3 Data
- 4 Tied to 1 & 6
- 5 Ground
- 6 Tied to 1 & 4
- 7 RTS
- 8 CTS

