SRS
door entry systems

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INMR4 20020123

magstripe card reader - *installation instructions*

General

The SRS MR4 is an external Industry Standard Magnetic Stripe Card Reader. It is suitable for all Access Control Systems with an option for this standard output format (sometimes referred to as Clock & Data).

The MR4 is suitable for external or internal use and if installed and maintained correctly will give long reliable use.

Caring for your SRS reader

The MR4 case is constructed from pressure die-cast alloy with a paint and lacquer finish. The MR4 will not corrode. Case cleaning should be done with a dry duster. The Reading Head Element will require regular cleaning, and purpose made disposable cleaning cards are available, however, a piece of card soaked in Methylated Spirit swiped carefully through the reader several times periodically will suffice.

Installation

The SRS MR4 comes complete with mounting bracket to aid installation and servicing.

1) Put aside the reader and offer the wall plate up to the desired mounting height. Secure to the wall with countersunk screws.

2) Mark the cable entry hole and drill the cable entry hole.

3) Pass the 4 M wire through the wall for later termination.

4) Secure the reader to the mounting bracket with the screws grub screws provided. The correct hex key is provided also.

5) The MR4 has two LED,s, the red should illuminate when 5 volts is present at the reader and the green will only illuminate when under host control.

Technical Data

Dimensions (HWD)	80 x 40 x 40
Temperature	-10 to +60 C
Head Life	>100,000
Head Warranty	90 days
Head Type	Inductive
Reader Timing	Magtek
Operating Voltage	5V d.c +/- 5%
Current Consumption	16mA (Q)
Logic TTL	Totem pole

Connection

MR4 cable	Description
Blue	Card Present (CP)
Yellow	Clock (Strobe)
White	Data (Track 2)
Green	Led (Active Low)
Black	0 Volts
Red	+5 Volt Supply