

MR3 Magnetic Swipe card reader

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The SRS MR3 SS (mirror polished stainless steel) and MR3BK (black) magnetic stripe card readers are compatible with TDSi (S1X, S2 and S4 digital control units), Excelsior (stand alone and network controllers), Bewator (Bewapass PC & BC93) and most other makes.

The stainless steel readers are designed for external use. The black reader is additionally protected with a structure paint finish. The electronic circuitry is conformal coated, the case is potted at the rear and an inbuilt heater allows operation down to -25°C.

The reader has TTL level interface and is suitable for use in retail, access control and time and attendance environments. The decoding electronics and associated hardware conform to the standards, ANSI/ISO 7810, 7811 1/5, 7812 and 7813.

The reader has been tested for compliance with the European Directive 89/336/EEC and is supplied with the CE mark.



Technical Data

Dimensions	113 x 45 x 46 (hwd mm)
Case Rating	IP55-3
Case Construction	All metal work is BS316 marine grade stainless steel
Case finish	Black structure finish (MR3BK) Mirror polished stainless steel (MR3SS)
Power Supply	10mA (95mA heated version) at 5Vdc,+5%
Card Speed	3 - 90 ips at 75 bpi
Output Timing	Magtek Type, Clock width @ 25 - 50 % of bit time
Head Construction	Inductive (Heated)
Head Life	>250,000 card swipes
ESD Immunity	>25kV (Case Earthed)
Operating Temperature	-25 to +60°C (heated version)
Operating Humidity	10% to 90% relative humidity
Connector Method	6 way removable stainless steel screw terminals
EMC compliance	BSEN 50081-1, BSEN 50082-1
Compatible cards	ISO standard encoded track 2
Recording Method	Two frequency coherent phase (F2F)