

MR5

MAGNETIC STRIPE CARD READER

- THIRD MILLENNIUM - EUROPEAN DISTRIBUTOR
- RUGGED CONSTRUCTION
- EASY INSTALLATION
- INDOOR & OUTDOOR APPLICATIONS
- MULTI-TRACK READING / TRACK 1, 2 & 3 OPTIONS
- CLOCK & DATA or WIEGAND
- 1 METRE CABLE WITH RJ11 CONNECTOR (supplied)
- 1 YEAR LIMITED WARRANTY
- ABRASION RESISTANT



PRODUCT APPLICATION

The **MR5** magnetic stripe card reader is designed to read standard or high-coercivity magnetic stripe cards.

The reader has a TLL interface with selectable clock & data and data1/data0 signalling, and provides a low cost, low power multi-track device for both indoor and outdoor use.

A single bi-colour LED and buzzer are standard features.

The metal housing is first treated with an anti-corrosion film before a touch abrasion-resistant finish is applied.

TECHNICAL SPECIFICATION

Mechanical

size: 140mm x 50mm x 33mm
housing: die cast aluminium, powder coated colour + stainless steel mounting plate
weight: 285g nominal
mounting: 2 wood screws (back plate) / pozidrive + security screw fixing (all supplied)

Connection (RJ11)

1 - red supply +5V dc to + 12V dc (model)
2 - green data 0 / data
3 - white data 1 / clock
4 - brown LED
5 - orange buzzer / LED
6 - black 0V dc

dielectric grease (supplied)

Environmental

operating temp: -40 °C to +75°C

humidity: 10 - 95% RHNC

FEATURES

- MULTI-TRACK OPTIONS
- ALUMINIUM ALLOY HOUSING
- STATIC DISCHARGE PROTECTION
- EASILY CONFIGURED
- FIELD-PROVEN RELIABILITY

Electrical

voltage: +5V dc to + 12V dc
current: 20 mA typical
data output: data 1 / data 0 (Wiegand pulses) or clock & data (magnetic)
indication: 1 bicolour LED (red / green)
buzzer: audible indicator
wiring: 150 metres maximum
encoding: 75 BPI, Aiken - Biphase (2F2)

PART NUMBERING

MR 5 / * / * / * / * * *					
STYLE	TRACK	VOLTAGE	COLOUR REF.	OTHER SPECIFIC (optional)	
5 multi track	1 TRACK 1	5 V dc	B BLACK		
10 multi track / format	2 TRACK 2	12 V dc	I IVORY		
20 keypad	3 TRACK 3		* OTHER		

example:

MR5/2/5/B

MR5 style reader /
track 2 / 5 volt / BLACK

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