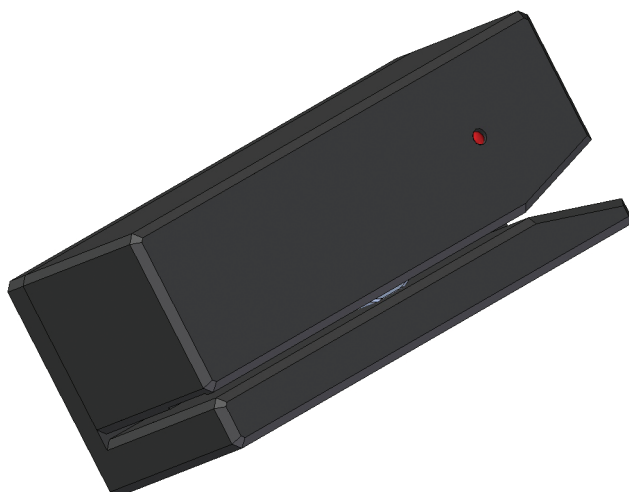




MCR - ELM SERIES Magnetic card reader



MAIN FEATURES

- Manual insertion type (Swipe)
- Alloy machined framework
- 1-2-3 or central track unidirectional reader
- One pass reading accuracy
- Cutter blades with keen self-sharpening
- Bicolor led status indicator
- Conforming to Standard ISO 7810, 7813
- Microprocessor based electronics
- SMD low consumption electronic circuits
- Communication by means of TTL / RS232 serial interface

TECHNICAL SPECIFICATIONS

OVERALL DESCRIPTION

- **Outline dimensions:** 142(H) x 255(L) x 124(W) mm
- **Weight:** 3.5 Kg (Approximately)
- **Electronics:** Specific PCB
- **Output interface:** RS232 / RS485
- **Power requirements:** +24V DC +/-10% 10A

BASIC PERFORMANCE

- **Card Feed Speed:** 8 to 150 cm/s
- **Reading Track Capabilities:** ISO 1-2-3 / central track
- **Recording Method:** Two-frequency coherent phase (F2F)
- **Number of heads:** 1

ENVIRONMENTAL

- **Operating temperature:** From -10 to +55°C
- **Storage temperature:** From -30 to +70°C
- **Relative humidity:** From 10 to 90%
(No condensation)

RELIABILITY

- **Head Life:** More than 300,000 Passes
- **Electronic Circuit:** 50,000 Hours
- **Error Rate:** Less than 5×10^{-3}