



CR05E - EM Proximity Card Reader
CR05M - Mifare Card Reader

CR05KE - EM Proximity Card Reader (Keypad)
CR05KM - Mifare Card Reader (Keypad)

CR05 / CR05K

Card Reader

- 32-bit high speed processor.
- Supports RS485 and Wiegand (W26/ W34) communication protocol.
- Tamper-proof alarm.
- Watchdog circuit to prevent operation lock-up with automatic self-reboot feature.
- Dust-proof and water-proof design.
- Built-in buzzer for status indication and LED indicator for door status display.
- Built-in EM card reader module (125 kHz) for E models.
- Built-In Mifare card reader module (13.56 MHz, ISO 14443-A) for M models.
- Built-In keypad for password protection for K models.

Technical Specification

Processor	32-bit
Reading Frequency	125 kHz (EM) / 13.56 MHz (Mifare)
Card Reader Module	EM Proximity (CR05E / CR05KE) Mifare (CR05M / CR05KM)
Communication	RS-485 / Wiegand (W26 / W34)
Induction Distance	< 50mm
ID Setting	via DIP Switch
Keypad	12 keys (0 to 9, *, #) (CR05KE/M)
Certifications	FCC, CE
LED Indicator	Power, Status
Audible Indicator	Buzzer
Alarm	Tamper Alarm x 1
Ingress Protection	IP65
Power Consumption	< 2W
Power Requirements	12 Vdc +/- 10%, < 500 mA
Working Condition	-20°C ~ 65°C; 10% ~ 90% (non-condensing)
Weight	0.14 kg
Dimensions (WxHxD)	44 x 115 x 22 mm