CR01 / CR01K
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.

CR01E - EM Proximity Card Reader
CR01M - Mifare Card Reader

CR01KE - EM Proximity Card Reader (Keypad)
CR01KM - Mifare Card Reader (Keypad)

Technical Specification

Processor	32-bit
Reading Frequency	125 kHz (EM) / 13.56 MHz (Mifare)
Card Reader Module	EM Proximity (CR01E / CR01KE)
	Mifare (CR01M / CR01KM)
Communication	RS-485 / Wiegand (W26 / W34)
Induction Distance	< 50mm
ID Setting	vi DIP Switch
Keypad	12 keys (0 to 9, *,#) (CR01KE/M)
Certifications	FCC, CE
LED Indicator	Power, Status
Audible Indicator	Buzzer
Alarm	Tamper Alarm x 1
Ingress Protection	IP64
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)	86.5 x 121 x 14 mm
Installation	suitable for 86 & 120 gang box