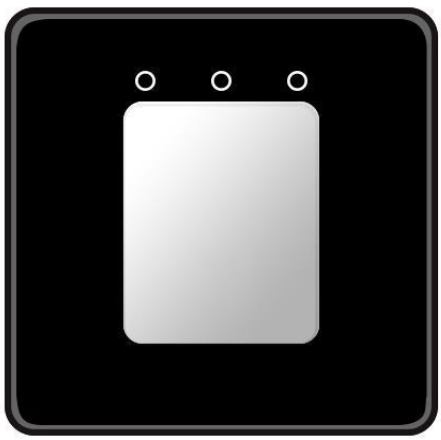
Access Control System

Smart Card Reader

AC-ACQR201-CR

QR Code and Mifare Card Reader



Key Features:

- 3 color LED light with buzzer indicator
- Intergrated QR code and RFID technology
- Scratch-resistant acrylic front panel (4H hardness)
- Optional colors, can be customized for the end-user panel design
- Encrypted QR Code data, provides QR code generator tool and secondary development API
- Reverse polarity protection, all inputs and outputs have DC 12V and electrostatic protection
- Piezoelectric ceramic buzzer, ensuring consistent sound quality for mass-produced products
- Supports resetting reader parameters via QR code and configuration card
- Standard Wiegand interface, optional TCP/IP network interface and RS485 interface

Specification:

Model	AC-ACQR201-CR
Dimensions	92mm*46.6mm*92mm
Rated voltage	DC 7V ~ 15V
Rated current	100mA(max)
Operating temperature	-30°C ~ 70°C
Operating Humidity	10~90%
Reading Distance	>5cm
Signal Transmission Distance	150m
Data Interface	Wiegand & RS485

Ordering Information:

Ordering model	Description
AC-ACQR201-CR	• Supports ISO14443A card technologies, such as MIFARE card UID (also known as IC card, M1 card) and sectors, DESFire card UID, Fudan CPU card UID, Android mobile transportation card UID, Android mobile UnionPay card UID, and QR codes. • The card reader has sound and light indications function, with indicator lights to show the card sensing position for auxiliary prompts. • When the card reader is powered on, the front indicator light is constantly blue (if the external access control controller has a heartbeat signal, the indicator can also flash with the heartbeat). When a card is successfully authorized for passage, the indicator light switches to flashing green. For unknown or unauthorized cards, the indicator light switches to flashing red as an alarm, and then returns to the constant blue standby state after one indication cycle. • The default sound prompt rules for the card reader are: one beep for successful card reading and authorized passage, two beeps for failed card reading or unauthorized card. The sound prompts can be customized as needed. • The QR code card reader uses an advanced RF reception circuit design and embedded microcontroller image recognition, with features of high receiving sensitivity, low working current, single DC power supply, and high performance. Both paper QR codes and QR codes on mobile phone screens can be recognized.

Appearance & System Overview: