



QR code reader manual

QR Code Access Card Reader is our new intelligent Access Card Reader, Fast reading speed, High recognition rate, Strong compatibility, can connect to any Wiegand input controller, widely used at Office access management, Tourism management, Community visitor access management, Administration Service Hall management, Gates access control, Visitors intelligent machines, Smart home; Upgrade old access control systems etc.

QR Code Reader Technical Parameter

| | |
|-------------------------|--|
| Voltage support | DC 5V~16V |
| Current | <=0.75W |
| Decoding support | QR coed, one dimensional code |
| Reading range | ID 1~10cm, IC 1~5cm |
| Reading card type | EM-ID, M1, 15693, 125KHz/ISO1443A/ISO1443B/ISO15693 |
| Application environment | -10°C~60°C |
| Humidity | 10%~90% |
| Interface | Wiegand26/34, RS485, RS232, USB |

7pin Wire connection

| | |
|--------|--------------|
| Red | VCC +12V |
| Black | GND |
| Green | D0 |
| White | D1 |
| Blue | Wiegand26/34 |
| Yellow | TX/4R- |
| Gray | RX/4R+ |

8pin Wire connection

| | |
|--------|--------------|
| Red | VCC +12V |
| Black | GND |
| Green | D0 |
| White | D1 |
| Blue | LED/BEEP |
| Yellow | Wiegand26/34 |
| Black | None |
| Yellow | None |



Terminal wiring

| | |
|------------|--|
| VCC | DC12V |
| GND | GND |
| D0 | DATA0 |
| D1 | DATA1 |
| LED | LED indicate |
| BEEP | Sound |
| TX/R+ | RS232+/RS485+ |
| TX/R- | RS232-/RS485- |
| SPK-, SPK+ | not defined |
| Rj45: | connect to network, PC software setting reader parameter; apply to HTTP mode |
| Micro-USB | for USB virtual keyboard and USB virtual serial port mode communication. |

Do not connect the power to the SPK+ and SPK- ports.

Wiegand output, Default QR code output is decimal number.

Restore Factory Settings: Use sharp objects insert into REST hole of QR code reader backside, release till the QR code reader automatically restart.

Wiegand output, QR code shall comply with the principle of combination of hexadecimal number 0~F, the QR code in accordance with this principle, controller can receive the card data; QR code not in accordance with the principle, the controller can not receive the card data.