

R402 Series

QR Code Access Control Reader



Overview

R402 series is a new generation of smart access control reader developed by our company. It has a high-end appearance, fast scanning speed, high recognition rate, strong compatibility, and can be connected to any access control controller that supports Wiegand input.

It adopts integrated screen design, high-strength tempered glass anti-scratch front cover fits perfectly, high-definition scanning lens, and double fill light design to achieve clear code scanning day and night.

This series is suitable for various application scenarios, and supports the identification of RFID radio frequency cards and QR codes, which can be used in community management, visitor management, hotel management, unmanned supermarkets and other fields.

Models

| Model | Description |
|----------|---|
| R402-B-S | <ol style="list-style-type: none"> 1. Support electronic QR code, paper QR code, barcode 2. Support MF sector encryption and get UID 3. Support CPU card encryption and get UID 4. Support get UID of Chinese ID card 5. Support Wiegand, RS485, USB communication |

Wiring Definition

| | | | | | | | | | |
|----------|--------|-----------------|------|--------------|-----|---------------|--------|-----------------|-------------------------|
| DC(+12V) | GND | 485A | 485B | WG0 | WG1 | NO | COM | NC | Config |
| Power | Ground | RS485 Interface | | WG Interface | | Normally Open | Public | Normally Closed | Configuration Interface |

Features

- ◇ Development of a advanced QR code access control technology;
- ◇ With antenna inside, and the working frequency is 13.56MHz;
- ◇ support get UID of MF、CPU、NFC(Simulation card)、Desfire EV1、 second generation Chinese ID cards and QR code;
- ◇ support output by Weigand、RS485、USB;

Specifications

| Params. | description |
|-------------------------|---|
| Card type | Ultralight、MF1 (S50,S70) 、Desfire EV1、 NTag、 NFC (Simulation card) 、CPU、 Chinese ID cards (UID) and other ISO/IEC14443A cards、 15693 cards、 electronic QR code, paper QR code |
| Communication Interface | Weigand、 RS485、 USB |
| Working voltage | DC 12V (±5%) |
| Working current | DC 12V: less than 200mA, USB 5V: less than 500mA |
| Working temperature | -10°C~+50°C |
| Storage temperature | -20°C~+80°C |
| Working humidity | 20% ~ 80% |
| Code types | QR、 UPC-A/E0/E1、 Data Matrix、 Matrix2 of 5、 PDF417、 Code 11/39/93128、 Codabar、 Interleaved 2 of 5 |
| Sensing angle | Rotate 360° , angle ±45° |
| Sensing distance | IC cards: longer than 5cm, Chinese ID cards: longer than 4cm, QR code: 5-18cm (depends on IC card type、 scanning angle、 ambient light intensity) |
| Scanning angle | 34° (H) , 26° (V) |
| Resolution ratio | 648 (H) ×488 (V) |
| Sensing speed | 100ms (average) |
| USB wire | USB to Mini USB, L=1500mm±0.3mm |
| size | 87*87*45mm(tolerance±0.3) |

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For more contact methods and product information, please visit our website: www.zkradio.com

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