

R502M-APLUS

Encrypted Reader



Overview

R502M-APLUS is an access control reader with the characteristics of super cost-effective, super anti-interference ability, many types of card readers, convenient and flexible use methods, etc. Built-in high-performance microprocessor chip, suitable for access control, visitor management, access gates, unmanned supermarkets, building automation, elevator control, etc.

Supports flexible configuration of various output parameters of the card reader through the configuration card, such as card key, card number output format, Wiegand mode, card reading mode, etc. This makes the card reader very convenient to meet various personalized customer needs, reduce inventory and improve service efficiency.

Provide an independent card issuing software system, the third-party access control system does not need any modification, and the seamless connection between the card issuing and the third-party access control management system can be realized.

Models

Model	Description
R502M-APLUS	Touching keyboard 1、 Customized IC card, domestic market, with time control and frequency control functions 2、 Support MIFARE Classic Mini/EV1, MIFARE DESFire EV1/Light/EV1/EV2/EV3, MIFARE Plus S/X , MIFARE Ultralight/Ultralight C/Ultralight EV1, NTAG2xx

Features

- ◇ Independent research and development for anti-duplication, safe and stable;
- ◇ Sensing distance is 7cm. (Depends on work environments and card types);
- ◇ Using high-performance microprocessor chip;
- ◇ The data reception time is less than 120ms within the effective distance;
- ◇ Anti-static, anti-misconnection and other multiple protection design;
- ◇ Strong anti-interference ability between metal shielding and card reader;
- ◇ The key, format, output data card number, and content can be flexibly configured with various output parameters of the read head through the configuration card, supporting contactless card smart card types;
- ◇ The buzzer sound is clear and loud, and will not be disturbed.

Specifications

Params.	Description
Protocol standard	ISO/IEC14443A
Frequency	13.56MHz
Working voltage	DC 12V (±5%)
Working current	Less than 200mA
Sensing distance	0-7CM(Depends on work environments and card types)
Working temperature	-20°C~+60°C
Storage temperature	-20°C~+80°C
Working humidity	15% ~ 90%
Output format	Optional WG26、WG34、WG66
size	89.5*89.5*16.3mm(tolerance±0.5)
Wiring Definition	Red(VCC) Black(GND) White(D1) Green(D0) Purple(Beer) Gray(CLED) Yellow(output WG26 connect to GND)

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