

RD009

Intelligent Access Control All-in-one Machine

Network access control QR code scanner head
RFID card reader TFT color display screen



Product Advantages



Simple to install, lower cost

A product that integrates network access control, QR code scanner, RFID card reader, and TFT color display. It simplifies on-site installation and maintenance, and less.



Customizable Multiple Functions

Product comes with built-in voice amplifier and speaker, commonly used in and out event voice can be set, can control the playback of nearly 150, can customize voice, can expand TTS voice function



Device Capacity

Card capacity of 85,000 cards, 100,000 records, QR code usage of 10 times, automatic cycle when records exceed capacity.



Automatically Save Data to Prevent loss

The product uses data storage and ferroelectric memory, even if the device suddenly loses power, the data will not be lost, ensuring data security



Data Interface

The network transmission standard is RJ45 10/100M wired network port, WIFI, full network 4G for data transmission



Expandable Bluetooth Module Installed

Expandable Bluetooth, LORA, RS232/RS485 modules can be added to make the product application group network communication more flexible



Application Scenarios

Widely used in residential buildings, official buildings, office buildings, elevator control, gyms and other places.

Product Specifications

Basic Parameters	
Size	120mm *76mm * 25mm (height * width * thickness), compatible with standard 86 box installation size
QR Code Recognition	2D PDF417, QR CODE DATAMATRIXSupport mobile phone mirrorrecognition paper QR code recognition
Scan Angle	360° Full Angle
Start Speed	white light LED
Recognition Distance	10-55mm
Image Sensor	752x480
1D Bar Code	CODE 128, Code39, UCC/EAN-128, AIM-128, EAN-8 and other format recognition;
Electrical Parameters	
Power Input	5-28VDC
Communication Transmission	RJ45 network port, wireless 4G full Netcom (Telecom, China Mobile, China Unicom, supporte SIM card)
Working Current	<500mA (Note: Electric lock current is not included)
Relay Output	Relay DC30V/3A, 250VAC/3A
Interface Protection	All input and output interfaces have overcurrent and overvoltage protection
Card-reading Attributes	support RFID card reading, card sector reading and writing, anti-copy CPU card reading and writing
Door Lock Output	1 way, relay capacity DC30V/3A
Door Sensor Input	1 way
Button Input	1 way
4G Network Parameters	
Communication System	4G full Netcom
Applicable Frequency Band	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41
General Characteristics	3GPP E-UTRA Release 13 Bandwidth: 1.4/3/5/10/20MHz
LTD Feature	Support Cat.1; Support VoLTE Support 1.4-20MHz RF bandwidth LTE-TDD: Maximum uplink rate 4Mbps, maximum downlink rate 8Mbps LTE-FDD: Maximum uplink rate 5Mbps, maximum downlink rate 10Mbps
Network Protocol Features	support TCP/UDP/PPP/FTP/HTTP/HTTPS/FTPS/MQTT
Other Parameters	
Working Environment	temperature and humidity 5%-95%, temperature -30-65
Weight	200g

Contact Information



Shenzhen Rakinda Technologies Co., Ltd.

Tel: +86 18145816425

Email: contact@rakinda.com

WhatsApp: +8618145816425

Website:www.rakinda.com

Skype: Scanmax Rakinda

WeChat:+8618145816425

Add: 5F Bldg .A2.Lilang Software Park, No,31 Bulan Rd,
Longgang Dist,Shenzhen City,Guangdong Province, China