

# 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](mailto:contact@rakinda.com)

WhatsApp: +8618145816425

Website:[www.rakinda.com](http://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