



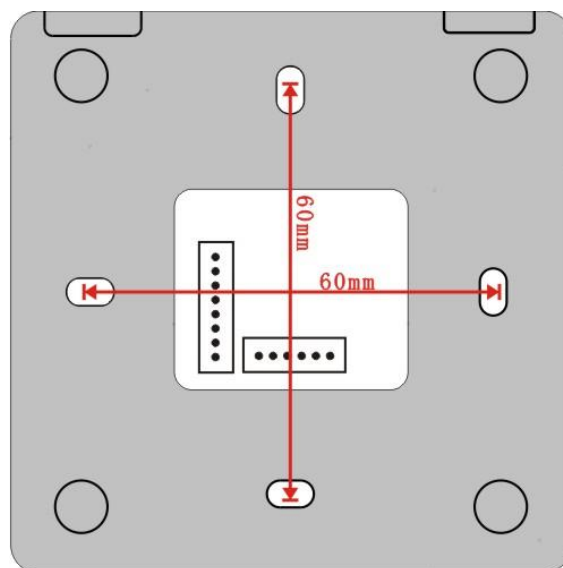
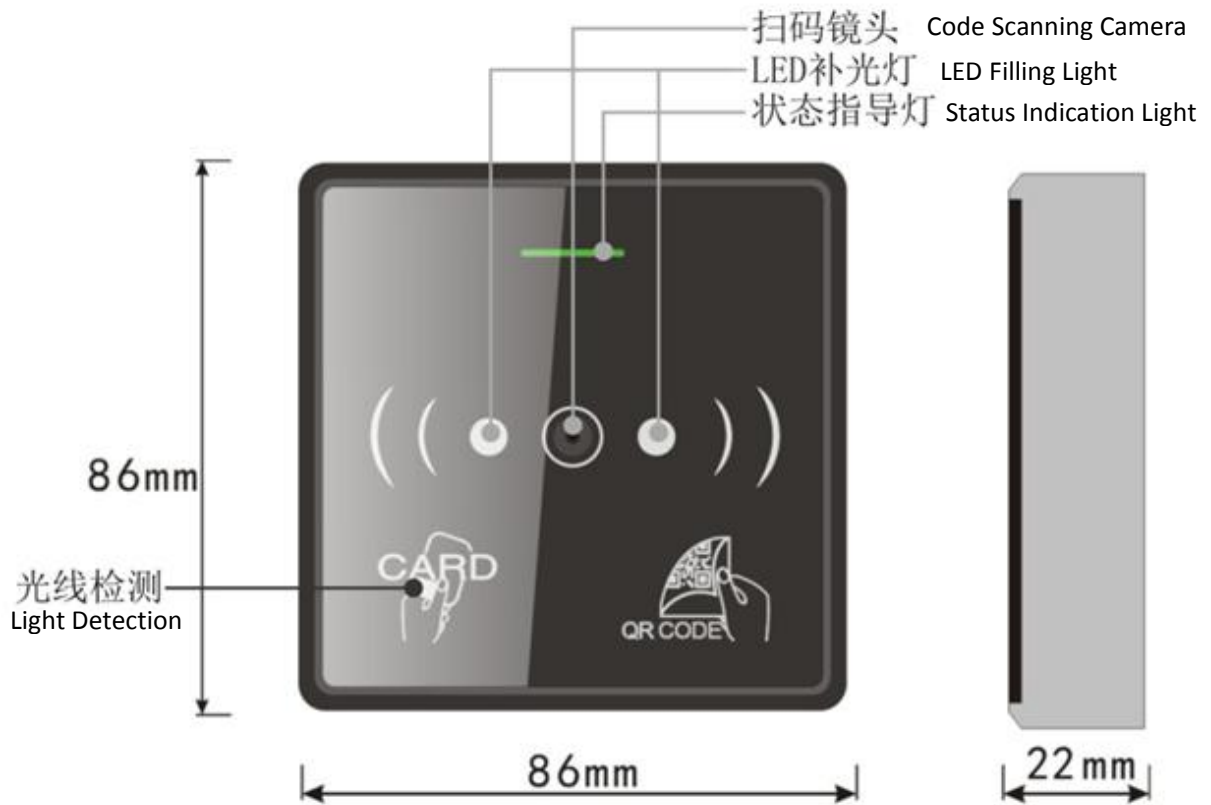
# QR-6615

## Dynamic QR Code

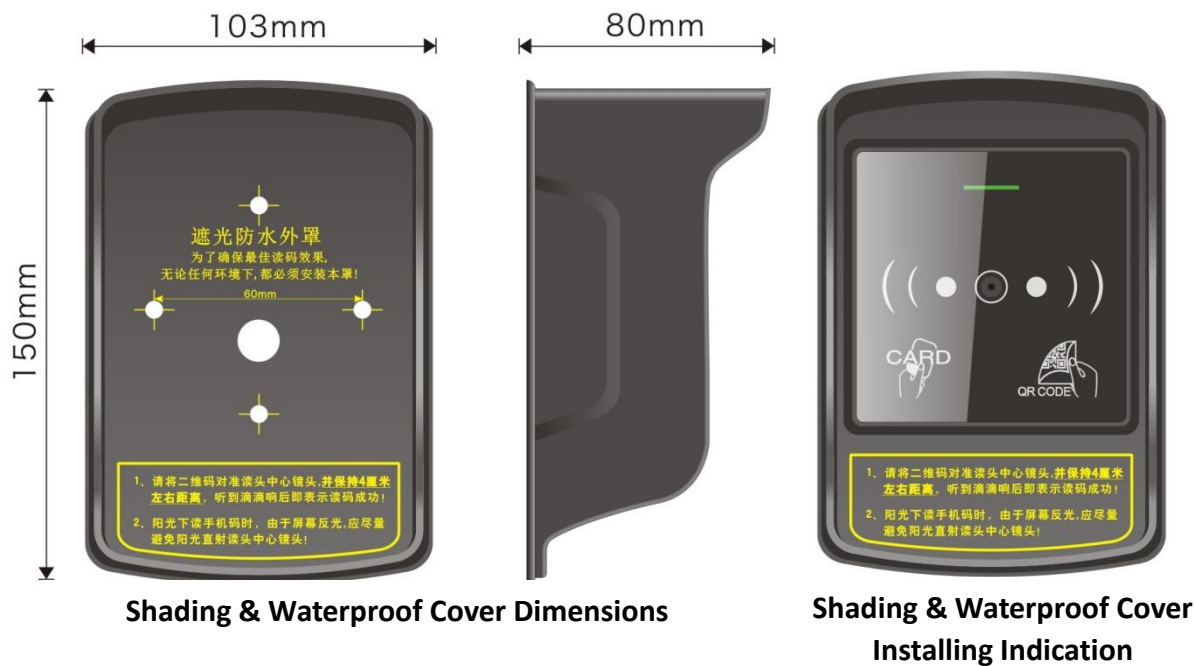
### Integrated Scanner Machine

Version V1.1

## II Product Dimensions



**Back Plate Fixed Hole Distance**



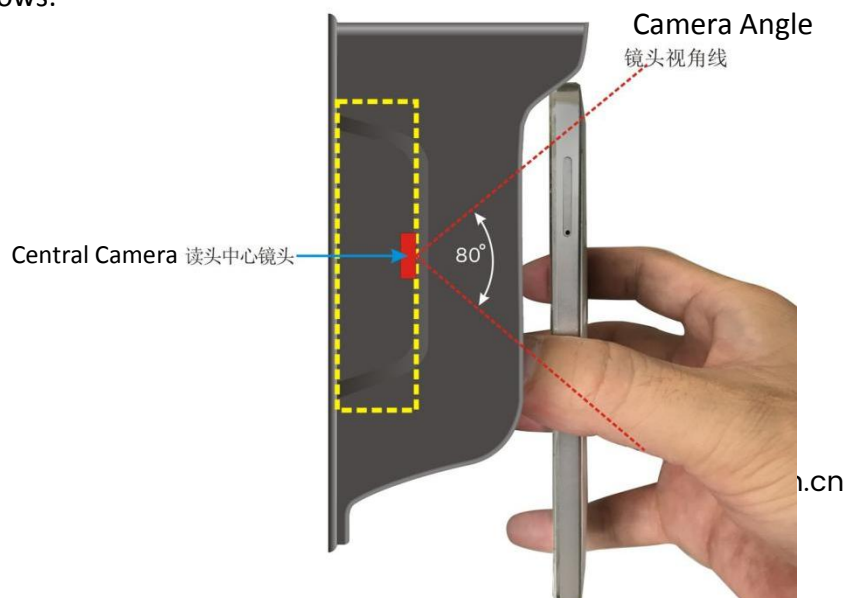
**Note: In order to ensure the best effect, Shading & Waterproof Cover must be installed vertically!**

## II QR Code Scanning Operation Indication

The distance range of the product to read the QR code is 3~10CM, and the camera angle range is 80 degrees. The user should align the QR code image to the scanner, and slowly approach it. After entering the range, the scanner will get the QR code automatically. The buzzer will ring after successful reading.

When scanning the QR code on the phone screen, the scanning distance may be shortened due to the sunlight reflected on the screen. The user can put the mobile phone closer into the Shading & Waterproof Cover and keep the distance from the scanner more than 3CM to succeed the scanning.

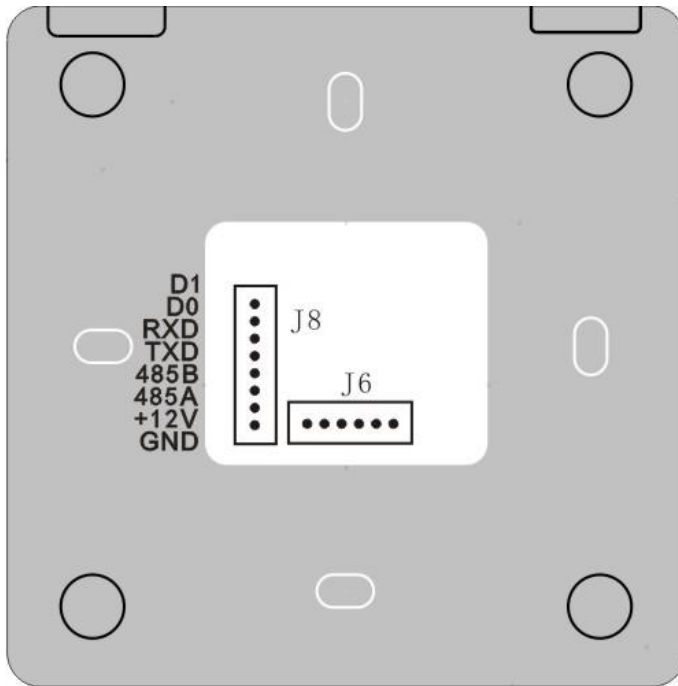
Indication as follows:



### III Device parameters:

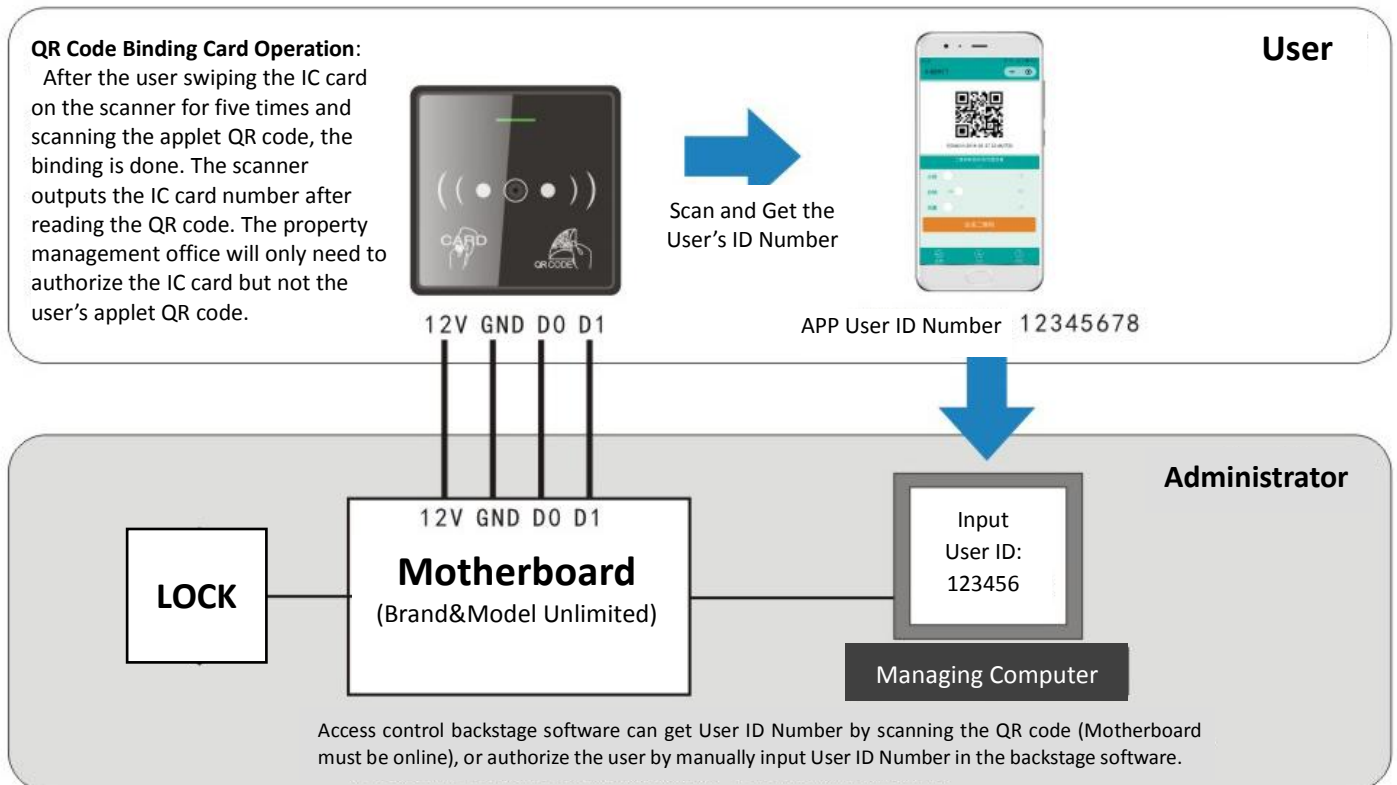
1. Reading Mode: CMOS
2. Reading Code: QR Code (On screen/paper)
3. Reading accuracy:  $\geq 5\text{mil}$
4. Reading Distance: 2.5~10cm
5. Vertical Reading Angle: 360°
6. Camera Reading Range: Up and down\left and right 80°
7. Operating Voltage: DC 5~12V
8. Communication Interface: Standard TTL, RS485, Wiegand 26/34  
Optional:RS232
9. Comes with a filling light, automatically fills light when dark
10. QR Code Recognition Time: Less than 0.5 second
11. Support reading dynamic variable QR code, output fixed ID (for access control/gate)
12. Support simultaneous dual output: Wiegand outputs fixed ID, TTL and 485 output source data
13. Card Reading Type: Mifare one (IC Card), Mobile Phone NFC, DESFire (CPU Card), FM1208 (CPU Card)
14. Card Reading Distance: 3~10cm
15. Card Reading Time:  $\leq 0.3\text{s}$
16. Machine Dimensions: 86mm\*86mm\*21mm,  
Waterproof Cover Dimensions: 150\*103\*80mm
17. Successful Reading Notification: Buzzer
18. The scanner comes with a WeChat applet that generates time and chance limited dynamic QR codes, which can be screenshotted and sent to guests.
19. Maximum amount of IC cards binding applet QR code: 20,000 (Read QR code and output IC card number)
20. The system does not need to connect to the network or a cloud platform and server, and the applet does not depend on the network.

#### IV Interface Description:



#### V The Scanner and The Access Controller (Wiegand Interface)

##### Connection Indication



## VI Introduction of the user WeChat applet (common for Android and iPhone):

### 1. WeChat applet: "QROPEN"

WeChat Scan to follow the applet



"QROPEN" is an open and shared QR code generating software, which is designed to provide a dynamic QR code generating platform with time and chance limits for major access control manufacturers and users. Users can pull down the "WeChat list" or add the applet to the desktop, which can quickly display the QR code to open the door.

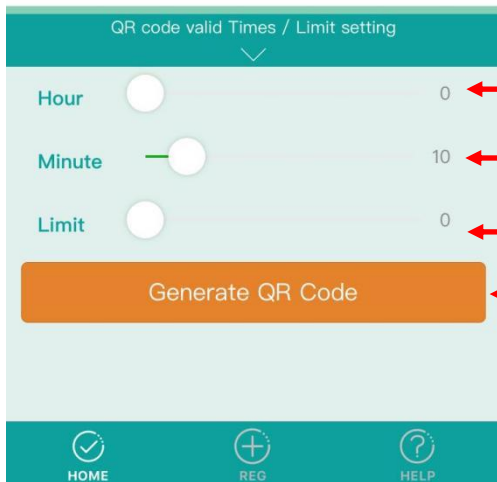
- ◆ This applet must be used in conjunction with our dynamic QR code reader. After registering the applet, it will generate a fixed unique card number; simply submit the card number to the access control administrator to quickly upgrade the original access control system to Mobile phone access. The original user card is still usable.
- ◆ Each time the user opens the applet, it will immediately display an encrypted time-limited dynamic QR code (10 minutes/no chance limit by default), and the door will open once the QR code reader gets the corresponding QR code.
- ◆ The QR code displayed by the mobile phone can be forwarded to the visitor to open the door, and the effective time of the QR code (1 minute to 24 hours) and the number of times of use in the same scanner (0~9 times, 0 means unlimited) can be set. It has a very high level of security and greatly facilitates the management of visitors.

## “QROPEN” WeChat Applet Main Page



Valid/Limit:26/11/2018 12:44/Unlimit

QR code Display Area  
Double tap to zoom in  
Then double tap to send out



QR code Usable Time/Chance Setting  
(10 minutes/no chance limit by default)

Tap to regenerate a QR code by  
settings above

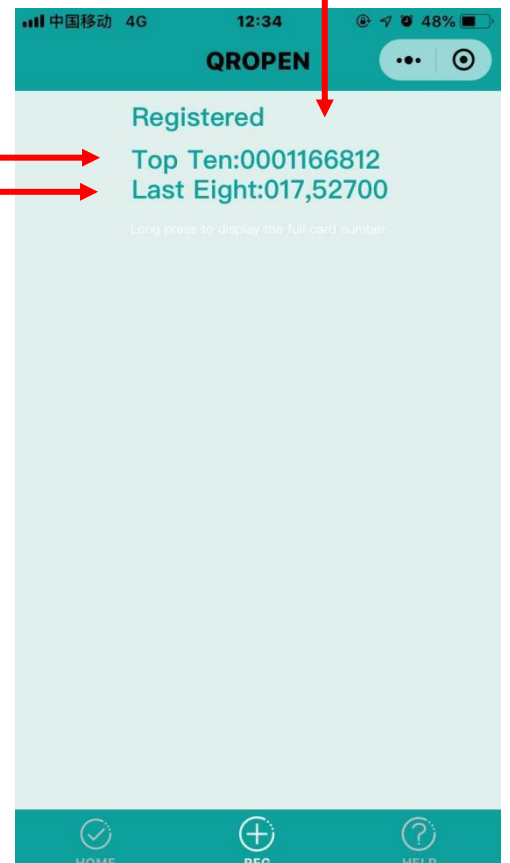
Check the user card number here

Two different card number rules, which you  
can choose considering of the access control  
manufacturer software card number rule

Some use the top ten digits(WG34)

Some use the last eight digits(WG26)

Long press to display full card number



## VII User Applet QR Code Binding IC Card Function Operation

The access control administrator can authorize only the user's IC card for using the IC card to bind his/her own applet QR code. After the user scans the QR code on the scanner, it outputs the card number of the user IC card. It is extremely easy for the old community upgrade, and does not occupy the storage space of the access control.

The operation is as follows: the user holds his/her own IC card and continuously swipes it on the access control machine five times (Complete within 10 seconds. Each time the access control machine reads the swiping, the door will beep once.) The door will immediately enter the binding mode, the indicator light will turn red and green alternately, and then let the read header scan the QR code. The buzzer will sound for a period. If the binding is successful, the access control automatically exits the binding mode. Read the QR code, the scanner will output the card number of the user IC card after a successful binding.

## VIII Scanner WG26、34 Format Converting Setting

The scanner can use the parameter QR code to change the Wiegand output format. The parameter QR code must be read within 10 seconds after the scanner is powered on. The buzzer sounding a period means the parameter setting succeeds!

Scanner Mode\Card-bound\  
**WG26** parameter code

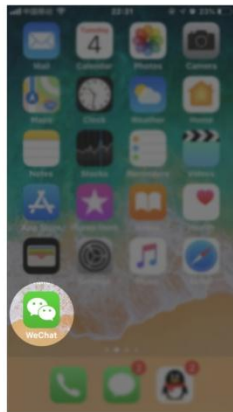


Scanner Mode\Card-bound\  
**WG34** parameter code



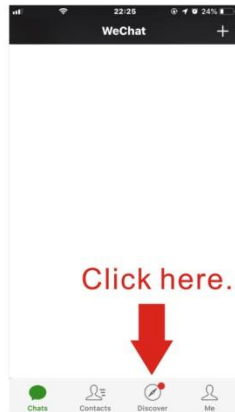


# Installation steps of WeChat Mini Programs



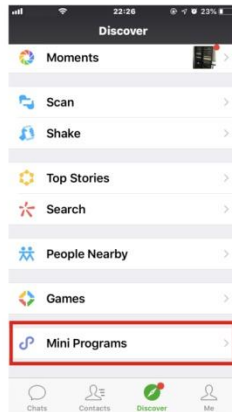
1

Download and install "Wechat"



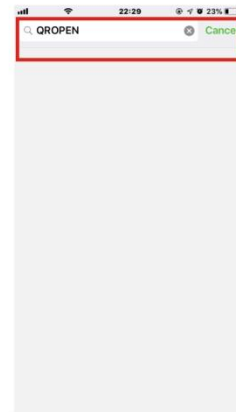
2

Click Discover



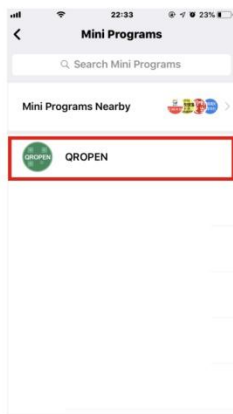
3

Click Mini Programs



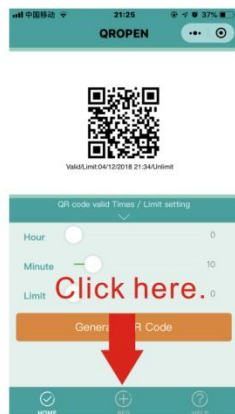
4

Enter "QROPEN" and search



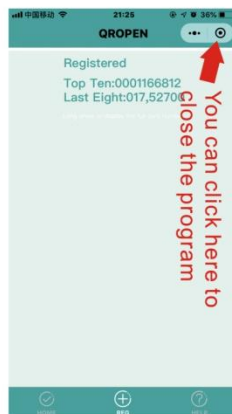
5

Click QROPEN



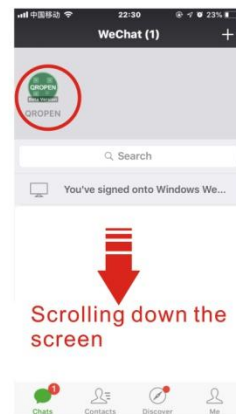
6

Open QROPEN and click REG



7

Registered user ID then give the ID to the Administrator of Access Control System



8

You can find "QROPEN" by scrolling down the screen in the chats interface.