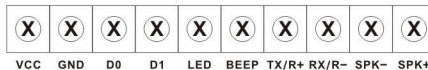# QR code reader manual

QR Code Access Card Reader is our new intelligent Access Card Reader, Fast reading speed, High recognition rate, Strong compatibility, can connect to any Wiegand input controller,widely used at Office access management, Tourism management, Community visitor access management, Administration Service Hall management, Gates access control, Visitors intelligent machines, Smart home; Upgrade old access control systems etc.

QR Code Reader Technical Parameter

Size (L*W*H) : 86*86*42mm
MaterialCase : PC Identify panel : tempered glass
Interface : Wiegand26,34 ,RS485,RS232, TCP,IP optional
Decoding support : QR code,one dimensional code
VoltageSupport : 4-15V Wide voltage input
Current : 800mA
Reading directions : Camera centric slant 45°
Reading speed : <200ms
Reading range : 0-20CM
Reading feature : auto-induction, beep hint
Light source : With LED light source itself,anti-highlight interference
Decode Mode : Image decoding
Application environment : Temperature : -20~70℃
Humidity : 10%~90%
Operate system : Windows(xp 7 8 10)、Linux
Indicating status light : Red-Work,Green-Feedback, Light Green-Internet
Reading range : 3-6CM
Reading card type : EM or Mifare card

Restore Factory Settings: Use sharp objects insert into REST hole of QR code reader backside, release till the QR code reader automatically restart.

Wire connection:

X	X	X	X	X	X	X	X	X	X
VCC	GND	D0	D1	LED	BEEP	TX/R+	RX/R–	SPK–	SPK+

RJ45   USB

VCC:DC12V
GND: GND
D0: DATA0
D1:DATA1
LED:LED indicate
BEEP:Sound
TX/R+:RS232+/RS485+
RX/R-: RS232-/RS485-
SPK-、SPK+ : not defined
Rj45 : connect to network, PC software setting reader parameter；apply to HTTP mode
micro-USB : For USB virtual keyboard and USB virtual serial port mode communication.

1: Do not connect the power to the SPK+ and SPK- ports.
2:Wiegand output, QR code shall comply with the principle of combination of hexadecimal number 0~F, the QR code in accordance with this principle , controller can receive the card data; QR code not in accordance with the principle , the controller can not receive the card data.
3: Wiegand output, Default QR code output is decimal number.

QR Code Reader installation steps

1、please prepare a 86bottom case , two screws, a flat blade screwdriver.

1 2

2、insert front panel with the flat blade screwdriver.

3、lever toward the front panel, front panel can be dismantled.

3 4

4、fix the QR code reader to the 86 bottom case with screw.

5、front panel align to the buckle.

5 6

6、push the front panel fasten to QR code reader and the installation is complete.