

**WG signal Access Control QR Code Card reader with IC 13.56MH ID  
125KHz optional**



**WHAT DOES EA-90Q LOOK LIKE ?**



## EA-90Q'S MAIN PARAMETER

<b>Product Name:</b>	WG signal Access Control QR Code Card reader with IC 13.56MH ID 125KHz optional
<b>Model number:</b>	EA-90Q
<b>Power supply:</b>	DC 5~12V
<b>Working current:</b>	800mA
<b>Interface:</b>	WG/RS485/RS232/USB/TCP/IP
<b>Card type:</b>	IC card(13.56MHz)/ID card(125KHz)(optional)
<b>QR code reading distance:</b>	0~20cm
<b>Card reading distance:</b>	3~6cm
<b>Induction way:</b>	Automatic induction, beep prompt
<b>LED light:</b>	Red light:working light Yellow light:feed back light Green light:network light
<b>Dimension:</b>	86*86*46(mm)
<b>Suitable for:</b>	<b>All kinds of entry access control system</b>
<b>Material:</b>	ABS housing+Plexiglass panel+ PCB board
<b>Housing color</b>	Black
<b>Weight:</b>	0.2kg
<b>Warranty:</b>	2 years warranty
<b>OEM:</b>	Welcome OEM

## WHAT FEATURES EA-90Q HAVE?









**1.Access control QR and RFID Reader with WG output**

**2.Input voltage DC 4~15V**

3.Working current:800mA

**4.QR module &Rfid module**

5.Recode support QR and One dimensional code

**6.QR read speed <200ms, read distance 0~20cm**

**7.Interface:WG/RS485/RS232/USB/TCP/IP**

8.Suitable for all kinds of WG door access control system

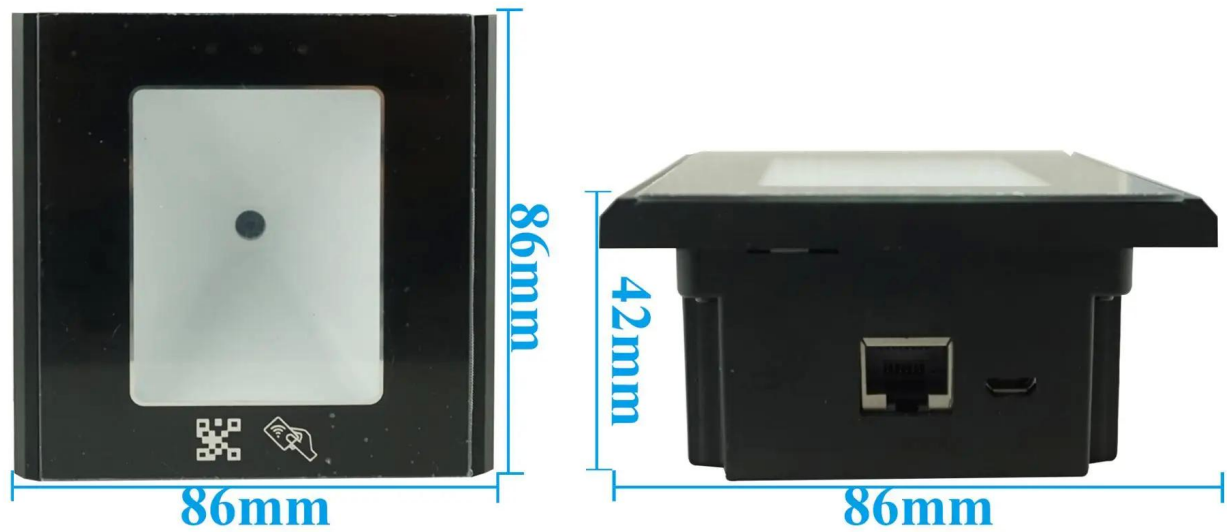
**9.Rfid module IC(13.56Mhz)/ID(125KHz) optinal**

**10.Card induction distance 3~6cm**

**11.2 years warranty , welcome OEM**



## WHERE IS THE EA-90Q SUITABLE FOR INSTALLATION?



## Interface introduction



**VCC:** DC12+;

**GND:** DC12-;

**D0:**DATA0;

**D1:**DATA1;

**LED:**light control;

**BEEP:**beep control ;

**TX/R+:**RS232+/RS485+;

**RX/R-:**RS232-/RS485-;

**SPK-, SPK+:** Temporary undefined;

**RJ45:** It can be used to connect network and use PC software to set parameters of reader card; it is suitable for HTTP mode communication;

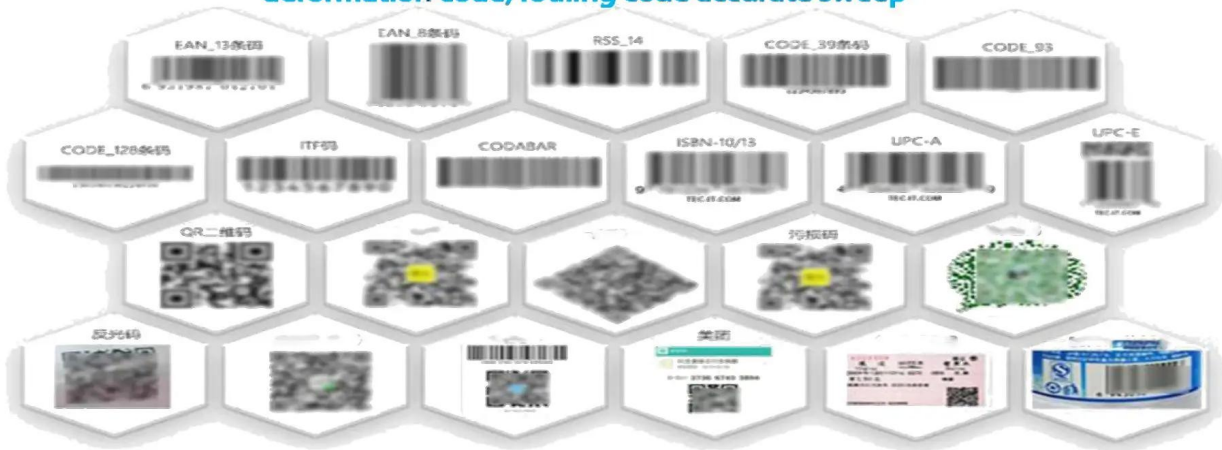
**micro-USB:**Suitable for USB virtual keyboard and USB virtual serial communication mode;



## How to use it?



Mobile phones, screens, paper, plastics, two-dimensional, one-dimensional, color code, deformation code, fouling code accurate sweep



Size of read code: 8-100mm two-dimensional code



## Restore factory settings:

use sharp objects inserted into the QR code access card reader behind the REST hole, to be read card automatically restart, release can be

### Note:

1. please do not access SPK+, SPK- port with power supply;
2. Wiegand output, two-dimensional code scanning shall comply with the principle of combination of 16 hexadecimal number 0~F, in accordance with the principle of two-dimensional code can be heard a sound drop, controller can receive the card data; do not conform to the principle of two-dimensional code can be heard by two sound, the controller can not receive the card data;
3. when the output of Wiegand , scanning two-dimensional code number principle is high before, automatically scan two-dimensional code identified as 16 decimal;
4. WG34 output, two-dimensional code card number must be 4 bytes, insufficient in high fill fill 4 byte number 0;

## Application site



## HOW ABOUT OTHER CHOICE?

**SMQT**  
铭汗科技



**SMQT**  
铭汗科技



**SMQT**  
铭汗科技



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