8-inch ultra-thin Face Temperature Detection Terminal

FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits aredesigned to provide reasonable protection against harmful interference in aresidential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different

from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

FCC RF warning statement:

RF exposure warning:

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RFexposure compliance.

Suitable for Brake machine, wall-mounted, desktop, floor-mounted installation

Suitable for office areas, hotels, passage gates, office buildings, schools, shopping malls,shops, communities, construction sites and other public services and management projects where face access control is required.

Product Features

1. Wide dynamic monocular living anti-counterfeiting, completely solving the deception of various photos on various uploads;
2. Support LED intelligent fill light;

Support serial port, Wiegand 26-bit, 34-bit output, and support output content configuration;
Real-time body temperature monitoring, and body temperature tolerance range is accurate to 0.3 ° , body temperature detection distance is 0.5-1 meters;
Support the device to store thousands of people locally

Environmental Requirements:

Conditions to be avoided during use：

①The sensor should be used in indoor environment because it is greatly influenced by the environment when used outdoors

②Because of the characteristic of infrared sensor, the accuracy of measurement will be seriously affected in the application environment, such as the sensor facing the window, air conditioner, radiator and other high temperature objects

Product Specification Table

Product model	Category	Performance
Camera,Built-in dual-channel ISP	Resolution	200W
	Types	RGB + IR

	Aperture	4.0mm
	Focus	0 to 2 meters
	White balance	Auto
Screen	size	8-inch, full-view IPS LCD screen
	Resolution	1280*800，400cd 1280 * 800, brightness 400cd
Processor	CPU	RK3288
RAM	DDR3	2GB
ROM	EMMC	8GB
OS	Andoid	Android8.1
Accessories	Fill light	Infrared, LED lights
	Card reader module (Reserved)	card reader, ID card reader and thermal imaging temperature detection module
	Network module	Support wired, 2.4Gwifi
Port	Audio	line out 1 Audio line out
	USB port	USB2.0 and 2micros
	Serial port 232	2 RS232 ports, 1 WG input, and with WG output
	Wiegand port	2.5mmX2PIN
	Reset port	Lateral pore position, external

		buttons
	OTG port	1 port
General parameters	Protection level	For semi-outdoor or pure outdoor use
	Power	DC12V
	Operating temperature	-10℃-60℃
	Working humidity	10%-90%
	Static electricity	4K/8K
	Battery radiation	Not exceeded
	Power consumption	5W MAX
	Equipment weight	About3.5 lbs
	Equipment size	373.7*135*85mm

Dimensions

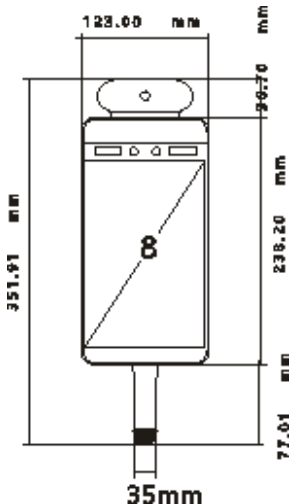
Standard body temperature

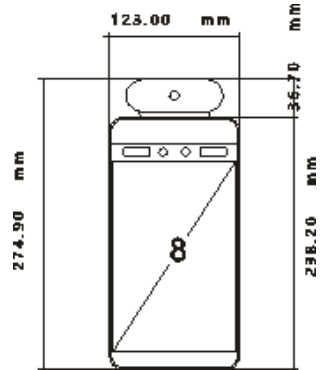
Installation instructions

A Instructions for appearance

The schematic diagram of the gate is shown in the figure below.

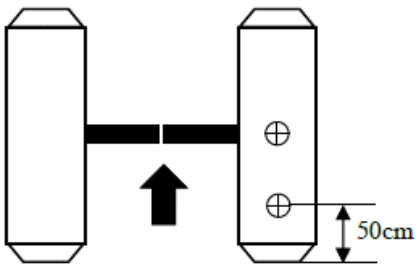
Note: If the cable interface is different from the illustration, see the cable supplement on the next page (subject to the actual product and wiring diagram)

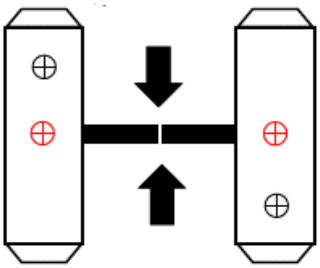




B Instructions for appearance

①According to the requirements of the installation site, a space of 35mm in diameter is generally opened in the middle or front of the gate, as shown in the figure, ⊕ is the recommended opening position.





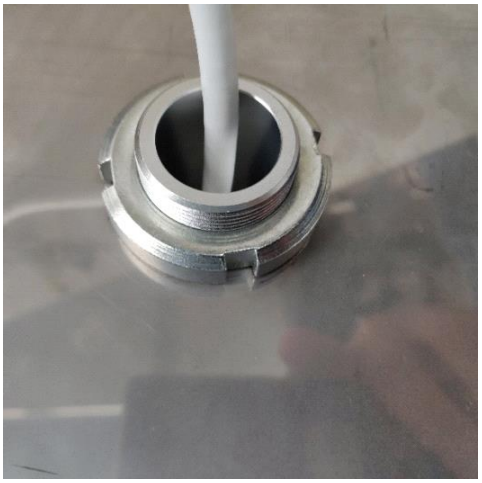
Single channel gate　　Double channel gate

Note: The position of the opening should be based on the actual application and the type of gate， 35mm is only a reference .

Unscrew the nut at the bottom of the gate, pass the cable through the nut, and remove the nut, as shown in the figure.

Note: Do not connect the network cable, power cable, etc. At this time to avoid installation trouble

Under the gate, pass the cable and cable interface through the washer and nut in sequence, and tighten the nut to the thread , as shown in the figure.



Connect the power and network cable, and the screen will start

Hold the post with both hands and turn it gently to adjust the angle of the gate, as shown in the figure. According to the recognition interface, adjust the gate to the proper recognition angle

For Desktop

The nut needs to be removed, the tail wire is passed through the stainless steel bracket and the nut in sequence, and the angle is tightly tightened; it is suitable for program debugging.

Place the desktop on the desktop, and place the device on the two "L" card positions above the bracket and adjust the angle; It is suitable for the front desk visitors.

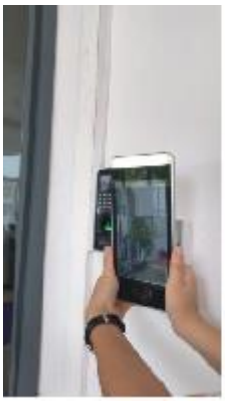
For wall-mounted

①

Rotary type : Firstly, put the white 86 switch back box on the wall at 1400mm， and the specific height should depend on the actual use.And then mark the four corners of the back box with a pen, drill four holes with an impact drill, place the rubber plug in the hole, fix the back box with screws, and then do the cable.（This method is installed for surface ）If concealed installation is required, draw a hole in the four sides of the size of the back box with an impact drill. Cement inserted inside should be estimated . After the cement is completely dry, fix the device to the back box with screws, as shown in the figure.

If there is any mistake with hand measure, subject to the actual product.

Note: Before tightening the screws, please ensure that all the tail wires are not crushed by the screws, causing a short circuit.



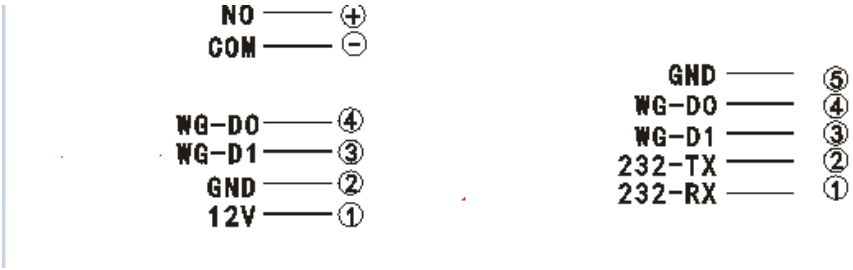
②Wall-hanging type：Firstly,remove the stainless steel wall hangings from the device. And then put the stainless steel plate on the wall at an appropriate height, drill four holes with an impact drill, place the rubber plug in the hole, fix the stainless steel plate to the wall with tapping screws.(If the tail wire comes out of the back of the box, it is necessary to make a hole in the wall to facilitate the wiring. If the tail wire comes out from the bottom, it only needs to be fixed and routed with a large white plastic trunking.) As shown in the figure.

Wires outlet diagram of Wall-mounted

outlet on the back

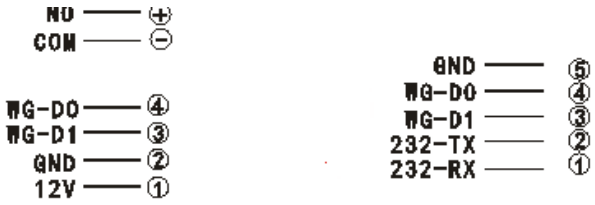
outlet at the bottom

Cable wiring diagram, as follows



Switch signal Wiegand output

Wiegand input signal 232



8-inch face recognition tail wire description

seven gate tail wires

USB2.0 interface

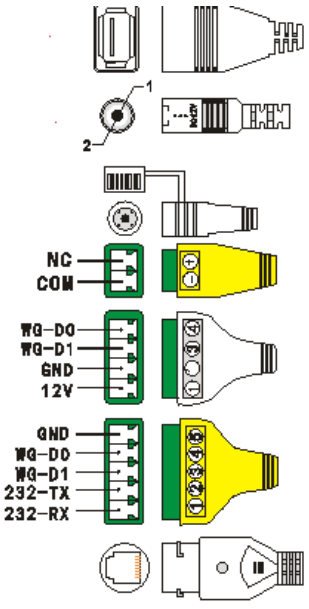
12V power input

Reset / Reset button

Switch signal

Wiegand input

Wiegand output



signal 232

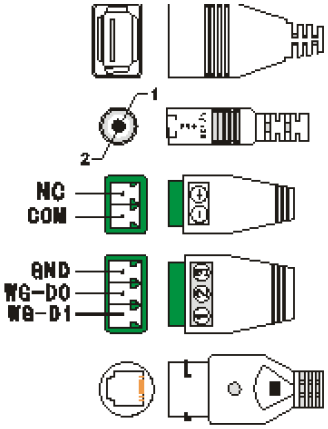
RJ45 wired network port

5 Wall-mounted tail wires

USB2.0 interface

12V power input

Switch signal

Wiegand output

RJ45 wired network port