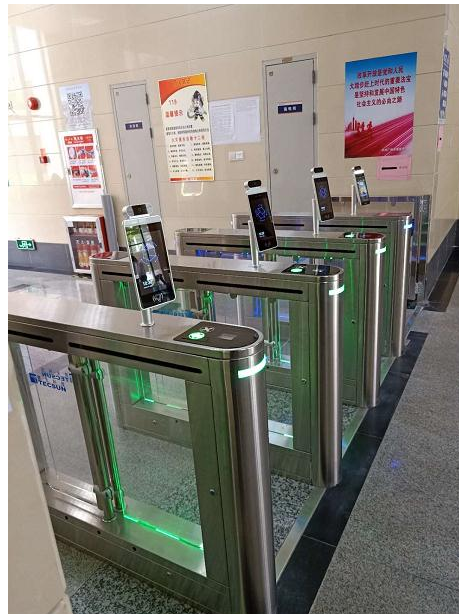


8-inch ultra-thin human face temperature detection and recognition terminal

Gate Machine, Wall Hanging, countertop, floor-to-ceiling access model no. PB-08AC0

Image:



Application scenario:

Applicable to office areas, hotels, turnstiles, office buildings, schools, shopping malls, shops, communities, public services and other places where people need access control.

Product characteristics:

- Support simplified Chinese, traditional Chinese, English, Japanese, French and other languages;
- Wide Dynamic double-shot live anti-counterfeiting, completely solve all kinds of photos on various carriers on the deception;
- Night Infrared, RGB double fill lamp;
- Support serial port, Wigan 26,34 output input, output content support configuration;
- Real-time temperature monitoring, temperature tolerance range accurate to 0.3, temperature detection distance 0.3-0.5 meters, support equipment local storage 10,000 people library:
 - (a) Cloud devices support simultaneous storage of 50,000 face photos (less than 400 KB) , 1 million recognition records (0.45 kb) and 20,000 live photos;
 - (b) Lan devices support simultaneous storage of 20,000 face photos (calculated in 100 KB) and 1 million recognition records (including the most recent 10,000 live photos) ;

- 1: N Face Recognition, face database supports 2W faces, the top 1 hit rate is 99.99% ;
- 1:1 The accuracy of authentication comparison is more than 99%

Fast recognition:

- face tracking and detection takes about 20ms;
- face feature extraction takes about 200ms;
- face matching in Vivo took 0.2 ms;
- The feature comparison takes 0.5 ms (10000 face database, the average of which is recognized many times)
- wear a mask for temperature identification and adjust the cutting value to 70% ,
- Support Stranger detection, stranger level can be configured;
- Support face recognition or stranger detection of the scene photo preservation;
- Support Public Network, Local Area Network Deployment;

- Support HTTP, TCP mode interface docking;
- Support Screen Display content configuration;
- Support for identifying distance configurations.

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 Sheet:

model	Categories	Performance
Cameras	Resolution	200W
	Types	RGB+Infrared
	Aperture	4. 0mm
	Focal length	0-2M
	White balance	Automaticity
Screen	Dimensions	Eight-inch, full-view IPS LCD
	Resolution	1280 * 800, brightness 400 cd
Processor	CPU	4 Nucleus RK3288
Memory	Storage	2+8GB
ISP	Image processing	Built-in two-wayISP
Accessories	Fill lamp	Infrared, LED fill light
	Temperature module	Hyman thermal imaging body temperature detection module
	Network module	upport cable, 2.4 Gwifi, 4G (optional)
Interface	Audio frequency	All the way audio line out
	USBInterface	USB2.0 micro 2 ↑
	Serial 232	2 RS232 interface, 1 way WG input, 1 way WG output
	Wigan interface	2.5 mmx2pin
	Reset interface	Lateral pore position, external key
	OTG interface	Route 1

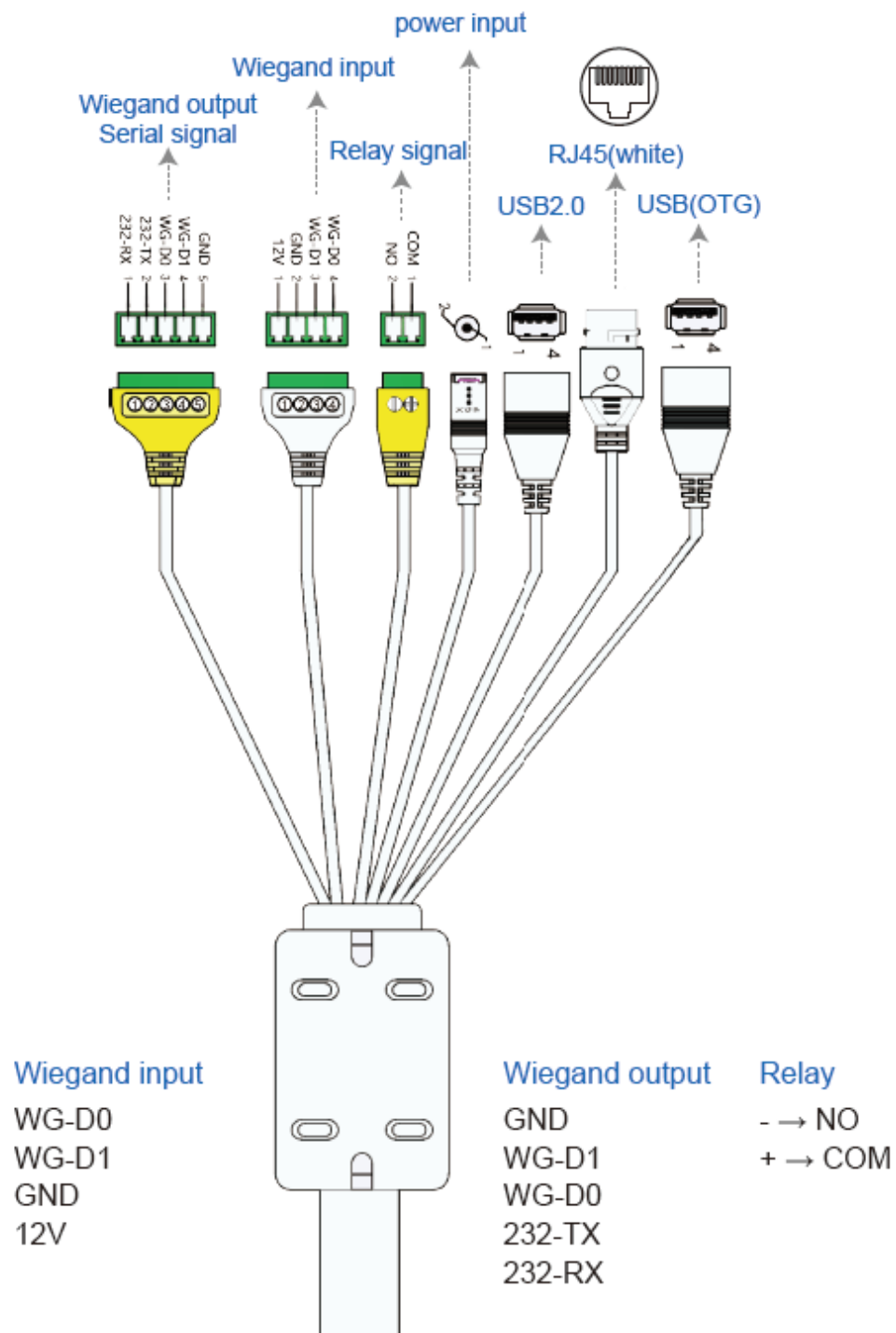
Function	Local offline use	Local 2W face database
	1: N Face Recognition	Supports a 1 in 10,000 chance of being wrong, a 99% pass rate
	1:1	Supporting the Optional Card Module, ID card module can achieve 1:1 face comparison
	Stranger detection	Support
	Recognition Distance Setting	Support
	Remote upgrade	Support
	Device interface	Equipment Management, access control, personnel / Photo Management, Record Query, etc.
Conventional parameter	Protection level	IP64, waterproof and dustproof support for semi-outdoor use
	Power supply	DC12V
	Operating temperature	10°C—40°C
	Working Humidity	10%—90%
	Static electricity	4K/8K
	Electromagnetic radiation	Non-frequency overshoot
	Power consumption	5W MAX
	Installation mode	Wall Hanging, table support, brake installation, floor support
	Equipment Weight	1.8KG
	Equipment size	373.4*133mm

Product Specification Sheet:

Module	Function	Introduction
Display interface	BOOT interface	Neutral (customizable)
	Verification Interface	1、1. Include A time-to-clock reminder, network signals (whether or not tied / connected) , time, date, week. 2. pop-up notification of abnormal network connection, notification display, identification card information, confirmation success or failure tips, can be customized. Version number,

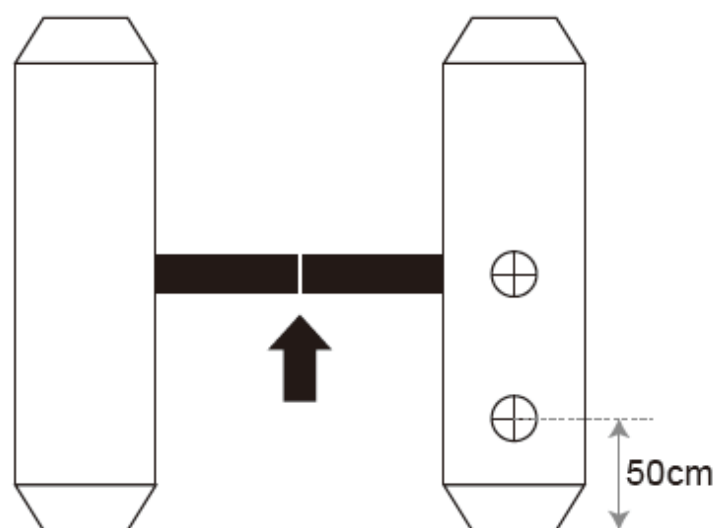
		number of people, number of stock images.
	Menu interface	Menu Style and human-computer interaction, how to access other modules, management, etc.
User Management	User add	New Staff for local application
	User delete	Delete personnel from local application
Equipment Management	Lock picking rules	Opening time after verification
	Wigan RS232	Wigan 2634, RS232
	Language setting	Simplified form
	Network setup	Wired, wireless
	Time setting	Time, date, time zone, settings (manually set the goods server synchronization)
	Voice Setting	0-10(0 bit mute, default is 5)
	Luminance control	1-10(default: 5)
About this machine	Date of manufacture	The equipment's time of manufacture
	Serial number	Device serial number
	Manufacturer	Name of manufacturer
	Machine type	Type of equipment
	Firmware version	Current firmware version
	Detection Update	(reserved)
	Help	Help Documentation
In the news	Other functions	Customizable

Port description

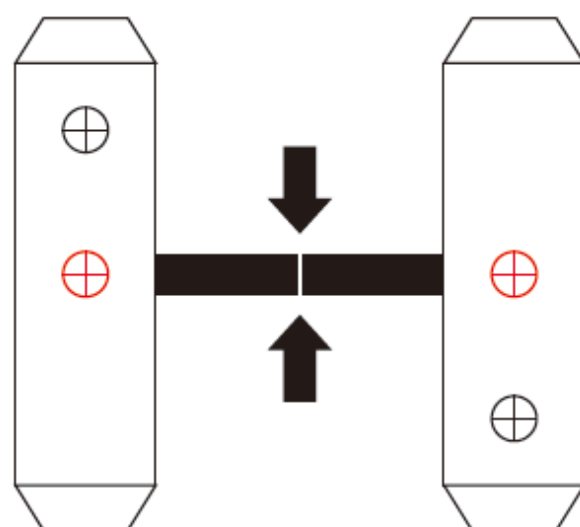


Installation method

- ① According to the requirements of the installation site, open a 35mm diameter hole (as shown in the figure below) in the space position of the gate (usually the middle or front side).



Single channel gate



Dual-channel gate

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

② Unscrew the nut at the bottom of the gate head post, thread the cable out of the nut, and remove the nut.



③ Pass the cable and the cable interface to gasket and nut under the gate successively, and tighten the nut, power on the device, and the screen will start.



Note: The brackets in the figure above are for installation reference only, non-standard accessories.

Care and Maintenance

1. During the installation and use of the product, all electrical safety regulations must be strictly observed.
2. Please use the power adapter provided by the regular manufacturer. For specific requirements of the power adapter, see the product parameter table.
3. When installing on the gate, please make sure that the product is installed firmly.
4. If the product does not work properly, please contact the after-sales service team. Do not disassemble or modify the product in any way. (The company does not assume any responsibility for problems caused by unauthorized modification or repair.
5. Do not immerse the product in water. When the product is installed outdoors, try to use it with the rain cover provided by our company.
6. Please understand that you are responsible for properly configuring all passwords and other related product security settings, and keeping your username and password properly.
7. If the equipment does not work properly, please do not disassemble it for repair, otherwise it will affect the equipment warranty.
8. Avoid extreme or extreme environments such as extreme high temperature (or low temperature), high humidity, vibration, radiation, and chemical corrosion during installation and use.

Warranty Card

Dear customer, thank you for purchasing the Smart Face Recognition Access Control management module. In order to better serve you, please read, fill in and properly keep the warranty card after purchasing the product.

Your name	
Contact person	
Telephone	
Address	
Date of purchase	
Serial number	
Maintenance records	
Cause of issue	

Warranty description:

1. This warranty card is required to be properly kept by the user as a proof of repair.

2. This product is guaranteed for one year from the date of purchase.

3. Warranty Equipment During the warranty period, under normal use and maintenance conditions, the machine itself malfunctions. Upon inspection, the company will provide free repair and parts replacement.

4. During the warranty period, if the following events occur, the company has the right to refuse service or charge materials and maintenance service fees as appropriate.

1) This warranty card and valid proof of purchase cannot be provided.

2) Product failure and damage caused by improper user use.

3) Damage due to abnormal external forces.

4) It is not our maintenance service, and the user dismantles it to cause damage.

5) Failures and damage caused by natural disasters or other force majeure factors.

6) Others intentionally damaged.

5. The company reserves the right to modify and interpret all content.

FCC Statement

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.

Any 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 are designed to provide reasonable protection against harmful interference in a residential 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.

RF warning:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.