

# Pass Management Module of Temperature Measurement & Face Recognition Manual



SV-1081D  SV-1083D

SV-1082D  SV-1084D

SV-1085D  SV-1086D

It can be used with access gates and attendance for communities, office buildings, schools, hotels, scenic spots, transportation hubs and other public service places.

## Parameters

Camera	Resolution	2 million pixels	
	Type	Binocular wide dynamic camera	
	Aperture	F2.4	
	Focusing distance	50-150cm	
	White balance	auto	
Photo flood light	LED and IR dual photo flood light		
	Size	8.0 inch IPS LCD screen	
	Resolution	800 × 1280	
Screen	Touch	Not supported (optional support)	
	Processor	CPU RK3288 quad-core (optional RK3399 six-core, MSM8953 eight-core)	
Storage	Storage	EMMC 8G	
	Network module	Ethernet and wireless (WIFI)	
Audio	Audio	2.5W / 4R speakers	
	USB	1 USB OTG, 1 USB HOST standard A port	
Interface	Serial communication	1 RS232 serial port	
	Relay output	1 door open signal output	
	Wiegand	One Wiegand 26/34 output, one Wiegand 26/34 input	
	Upgrade button	Support Uboot upgrade button	
	Wired network	1 RJ45 Ethernet socket	

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Function	Credit card reader	None (optional IC card reader, ID card, ID card)
	Face Detection	Supports detection and tracking of multiple people at the same time
	Face library	Up to 30,000
	1: N face recognition	Support
	1: 1 face comparison	Support
	Stranger detection	Support
	Identify distance configuration	Support
	UI interface configuration	Support
	Upgrade remotely	Support
	Interface	Interfaces include device management, personnel / photo management, record query, etc.
Infrared thermal imaging module	Deployment method	Support public cloud deployment, privatized deployment, LAN use, stand-alone use
	Temperature detection	Support
	Temperature detection distance	1 meter (optimal distance 0.5 meter)
	Temperature measurement accuracy	≤ ± 0.5°C
	Temperature measurement range	10°C~42°C
	Pixels	32 X 32 dots (total 1024 pixels)
	Visitors' temperature is normal and released directly	Support
General parameters	Abnormal temperature alarm	Support (temperature alarm value can be set)
	Power	DC12V ( ± 10% )
	Operating temperature	0°C~40°C

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General parameters	Storage temperature	-20°C~60°C
	Power consumption	13.5W ( Max )
	Installation method	Gate bracket installation
	Size	Standard: 274.24*128*21.48 ( mm )
IC card / ID card: 296.18*132.88*25 ( mm )		
Packing list	Machine * 1, power adapter * 1, manual * 1, certificate of conformity * 1	

## Installation Notes

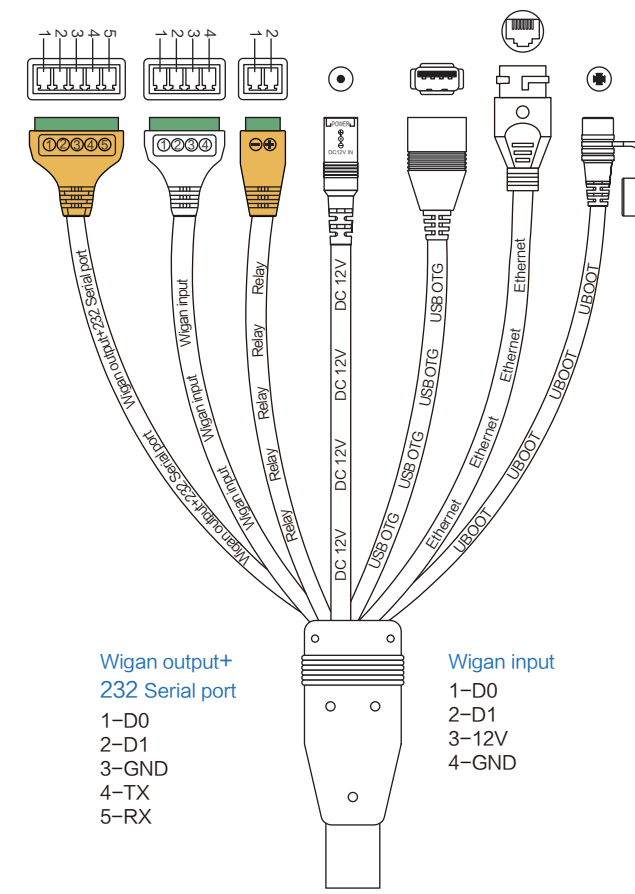
### 1.Module structure description



Optional credit card (ID) version, size: 296.18\*132.88\*25 ( mm )

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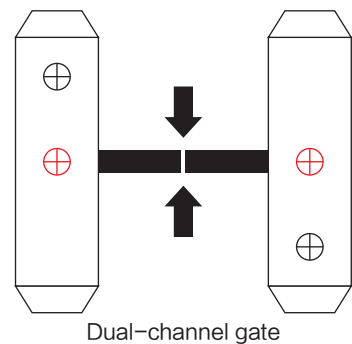
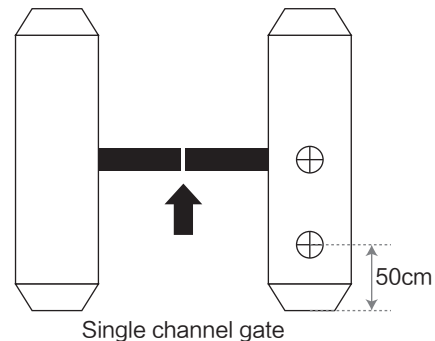
## 2. Port description



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### 3、Installation method (installed with SV-1081D)

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).



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

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



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③ Under the gate, insert the cable and cable interface into the gasket and nut in turn, tighten the nut, connect the power supply, and the screen will start.



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### 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 personnel. 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.

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### Warranty Card

Dear customer, thank you for purchasing the Face Recognition Pass 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.

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