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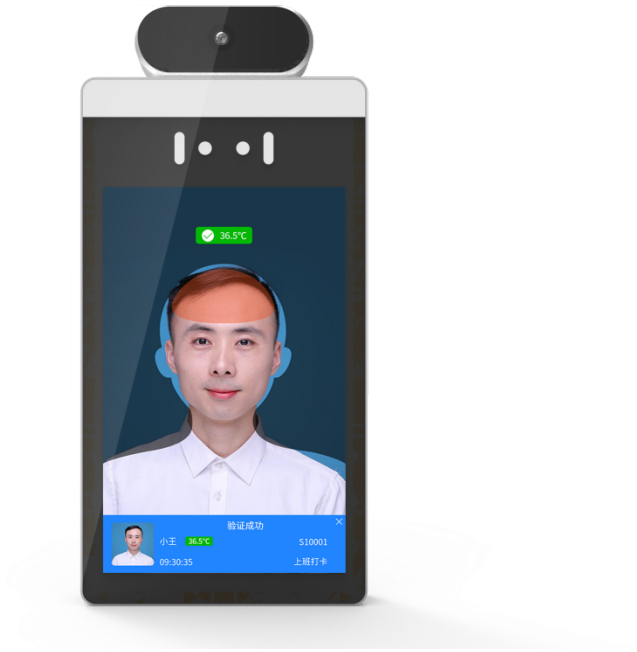


Product Description

Product Brief

This is a intelligent device for rapid temperature detection in public places. This product adopts high-performance AI algorithm chip solution, equipped with industrial-grade binocular camera and infrared thermal imaging module on Android 9.0 system. The device uses face biometric recognition technology, supports 30,000-level face database, binocular biometric recognition, and millisecond judgment. The product supports functions such as body temperature detection, Attendance, and Access control. It is a safe, efficient, and accurate temperature detection product. It can also be used for access control of face recognition (optional).

Application scenario

Hospital

School

Metro Station

Supermarket

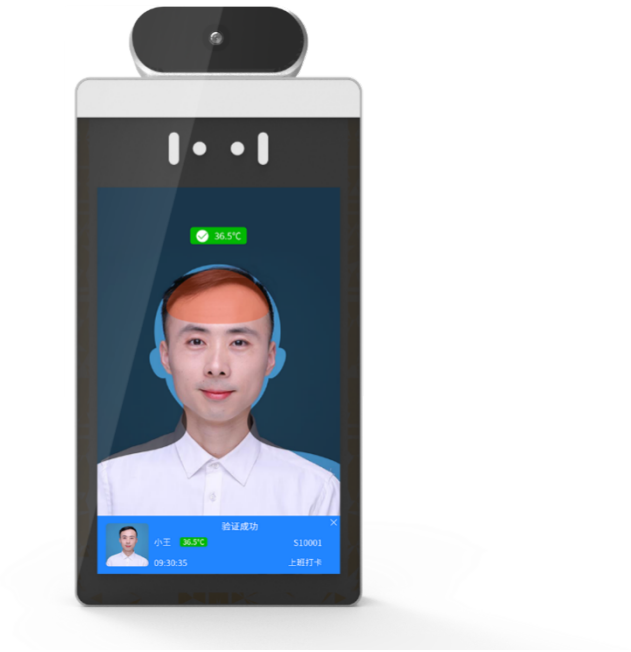
Office Space

Product Specification

Products Seires		CXB.A905
Items		Configuration
Camera	Resolution	200W Pixel
	Type	Binocular wide dynamic camera
	Aperture	F2.4
	Focus Distance	50-150cm
	White Balance	Auto mode
	Fill-in Light	LED & IR
Panel	Size	8″ LCD
	Resolution	800×1280
	Touch	Optional
Performance parameter	CPU	4*A55
	GPU	ARM G31 MP2
	NPU	1.2TOPS
	DDR	1GB（Optional 2GB）
	Storage	EMMC 8G
Connector	Internet	Ethernet, 2.4G Hz WIFI
	Audio	Max 3W/8Ω
	USB	1 * USB
	UART/RS232	1 * UART/RS232
	Relay Output	1* Relay Output
	Wiegand	1*26/34 input or output
	Enthernet	1*RJ45
Fcuntion	Face detection	Binocular Biometric Recognition
	Face Database	Max 20000
	1：N face recognition	Support
	1:1 face contrast	Support
	Stranger Detection	Support
	Recognition Distance	Support

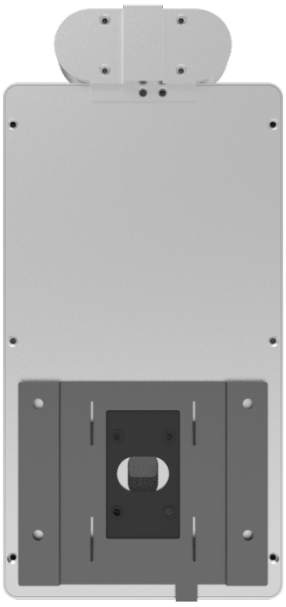
	Setting	
	Access Control	Support
	Temperature detection	Support
	Night Induction	Support
	Face Detection with Mask	Support
	UI configuration	Support
	OTA	Support
Infrared Thermal Imaging Module	Face Temperature Detection	Support
	Temperature Detection Distance	0~80cm
	Temperature Accuracy	≤ ±0.2℃
	Temperature Range	32~43℃
	Ambient Temperature	0℃~50℃
	Ambient Humidity	10~95%RH
	Alarm Function	Support
	Power	DC12V（±10%）
	Ambient Temperature	0℃~50℃
	Storage Temperature	-20℃~60℃
	Power Consumption	13.5W（Max）
	Install Way	Gate Bracket / Wall Mounting
	Size	129.20*33.50*270.00mm
	Weight	0.860kg
Packing List	Device *1,Spec*1,Quality Certification *1	

Product Picture

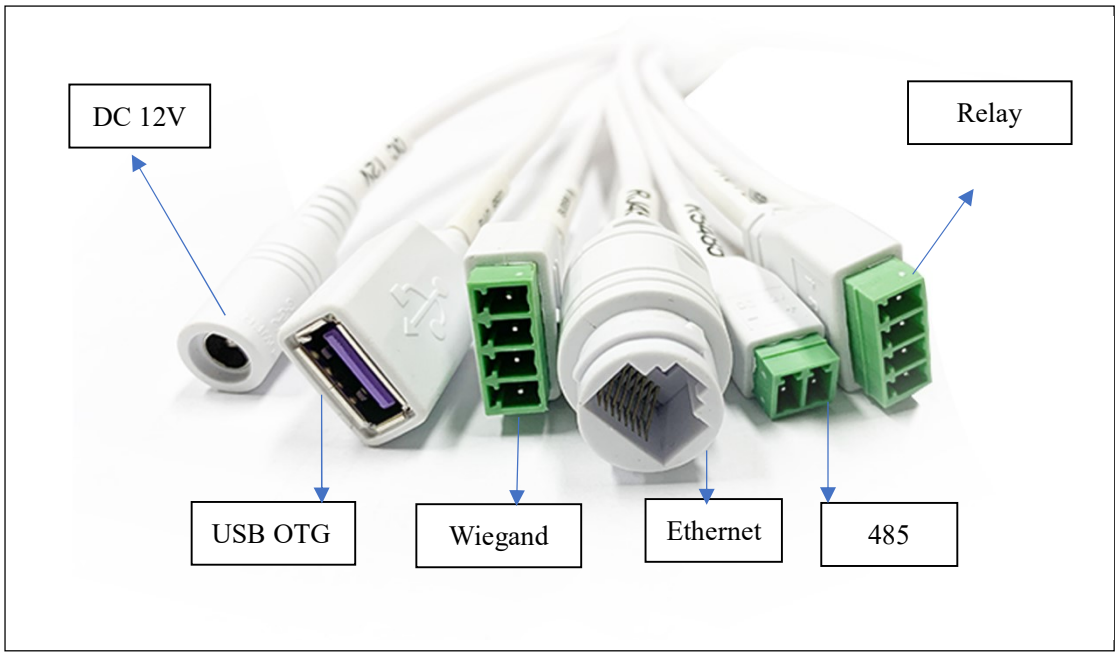


Front

Side



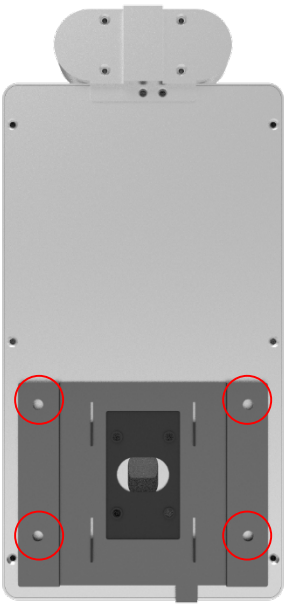
Back



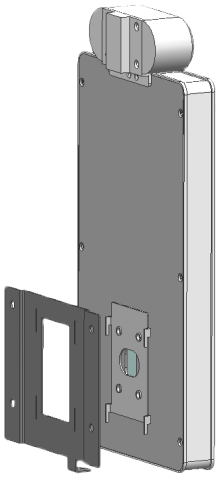
Extra interface

The above product shape and interface descriptions are for reference only, products are subject to change without notice.

Installation Notes



1- Position and mark the 4 holes of the wall bracket on the wall (marked in red circle)
2- Drill the holes on the wall and fix the plastic expansion bolts in the positioning holes on the wall at one time.
3- Use 4 countersunk head tapping screws to fix the wall bracket on the wall.



4- Hang the device on the hook of the wall bracket

5- Fix the holes on the bottom of the device with screws (marked with red circles).

PS: The wall bracket is recommended to be 1.35 M above the ground.

Installation and Maintenance Statement

- Open the box to check whether the appearance of the product has obvious quality issue, such as: damage, serious scratches, etc.
- This product uses anti-static packaging, please pay attention to electrostatic protection at any time.
- When installing on the gate, please make sure the product is firmly installed.
- Installation sequence: connect the signal cables between the components first, and then connect the power cables. Before the power cable connected, please make sure all components are properly connected .
- During the installation , all electrical safety regulations of the country and the area of use must be strictly observed. When inserting the plug into socket, they must be . After checking the correct connection, tighten the plug screws to ensure a stable connection.
- Please use power adapter provided by a regular manufacturer. It is required that the power plug is not easy to loosen after plugging in, and the ground wire must be connected reliably.
- The installation should be carried out without power, and it is forbidden to plug and pull.
- Boot sequence: Connect AC power first, and then turn on the power of the product.
- Under the Android system, please use the shutdown command provided by the system ("On"-> "Off"). It is strictly forbidden to shut down without exiting

the system, which may damage the system software or even the machine.

- You are responsible for properly configuring all passcodes and other related product security settings, and keeping the account user name and password of the manager authority properly.
- If the equipment is not working properly, please do not disassemble and repair it by yourself, otherwise it will affect the equipment warranty.
- Avoid extreme environments such as extreme high temperature (or low temperature), high humidity, vibration, radiation, chemical corrosion, etc. during installation and use.
- Machine maintenance requires professional personnel from our company or personnel trained by our company to operate, to avoid unnecessary dangers

Warning: Changes or modifications to this unit 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.

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.