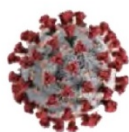


Smart Pass

Facial Recognition + Contactless Body Temperature Measurement
To prevent the spread of COVID-19



Smart Pass ASP-19

The system uses a camera to perform facial recognition and a thermography module combined for entrance and exit management. With AI facial recognition individual analysis, while wearing a mask, it can discover temperature anomalies in real-time and you will be notified by voice.



- It can evaluate people using a mask or glasses at the same time.
- It can be installed at the entrance of a building for facial recognition of people entering the building, to measure body temperature, preventing anyone with a high fever that may be infected from entering the building by blocking the entrance.



Basic Form



Table Stand



Adult Stand



Children's Stand

Product Features

- It can do accurate or comparative facial recognition of those wearing a mask
- Body temperature sensing distance is up to 1m (optimum is 0.5m)
- Recorded facial database of 30,000 people
- 1:1 comparative facial recognition rate is 99.7%, facial recognition speed is 0.5 seconds.
- 8-inch IPS full-view LCD display
- Waterproof and dustproof design
- Automatic alarm when body temperature is abnormal, temperature measurement displays in real-time.

Installation Examples

- School, hospital, apartment building, social welfare facility
- Office, hotel, commercial facility, movie theater
- Sports gym, event venue
- The entrance or exit of other places where people gather

Appearance

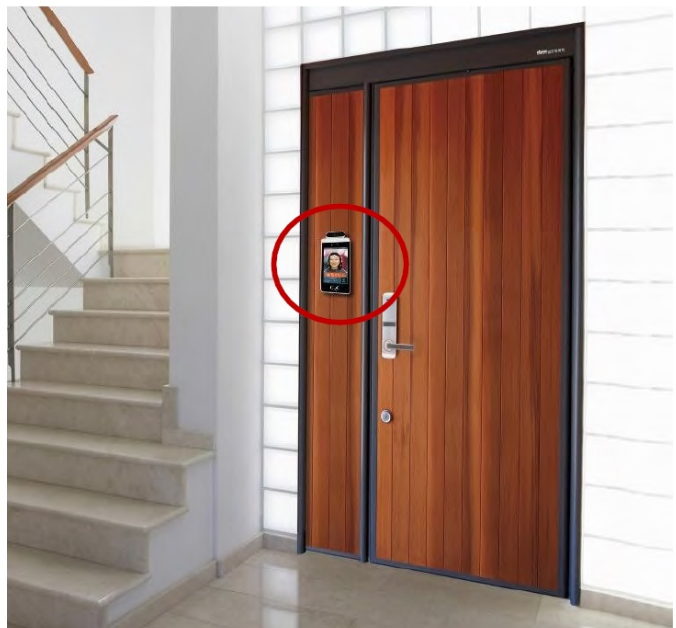


Example of Installation



Standard Model

- Height: 110cm
- 2 USB Ports
- Base with adjustment screw
- Blue light



Classification		Standard
Camera	Resolution	2,000,000
	Type	Dual-Wide Dynamic Range Camera
	Aperture	F2.4
	Focal Length	50 - 150cm
	White Balance	Auto
	Illumination	LED and IR double flood light
Screen	Size	8-inch IPS LCD Screen
	Resolution	800 x 1,280
Interface	CPU	RK3288 Quad-Core
	Storage	EMMC 8G
	Audio	2.5W/4R Speaker
	USB	USB OTG x 1, USB HOST Standard A Type x 1
	Serial Communication	RS232 Serial Port x 1
	Relay	1 Contact (Maximum switching current: 2A 30VDC, 0.5A 100VAC)
	Wiegand	Wiegand 26/34 Output x 1 Wiegand 26/34 Input x 1
	Upgrade Button	Supported
	Wired Network	RJ45 Ethernet x 1
	Card Reader	None (Option, IC Card Reader, ID Card)
Function	Facial Recognition	Supported
	Facial Database	Over 30,000
	1:1 Facial Recognition	Supported
	Unregistered Person Detection	Supported
	Recognition Distance Detection	Supported
	UI Interface Configuration	Supported
	Remote Upgrade	Supported
	Interface	Device Manager, Human Resources/ Photo Management, Record Inquiry
Data Management Tool Support	LAN, Stand-alone, can be used in conjunction with existing entrance/exit systems	
Temperature Measurement Module	Temperature Sensing	Supported
	Temperature Sensing Distance	1m (optimum .5 meters)
	Temperature Measurement Accuracy	$\leq \pm 0.5^{\circ}\text{C}$
	Temperature Measurement Range	10°C ~ 42°C
	Pixel	1024 (32 x 32)
	Normal Body Temperature Gate Open	Supported
	Abnormal Body Temperature Alarm	Supported (temperature alarm value can be set)
General Information	Power Supply	DC 12V ($\pm 10\%$)
	Operating Temperature	10°C ~ 40°C
	Storage Temperature	-20°C ~ 60°C
	Power Consumption	13.5W (Maximum)
	Installation Method	Gate bracket installation, wall installation stand installation, desktop installation
	Size	296.18 x 132.88 x 25 (mm)
	Dustproof and Waterproof	IP65
	Weight	1.4 Kg
Package List	Body x 1, Power Adapter x 1, Manual x 1	