

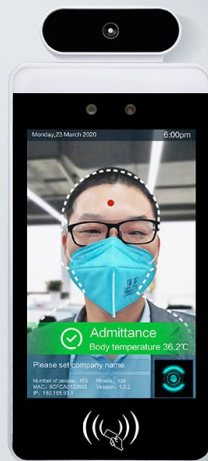


SMART TEMP

by AOD Solutions
GREAT SOLUTIONS. GREAT RESULTS

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sales@myadsusa.com

Equipped with industrial-grade binocular camera, face biometric recognition technology, and infrared human body temperature measurement module, it is a high-performance, high-reliability product. Support 1:1 and 1:N face comparison and retrieval, mask recognition, human body temperature detection, high temperature warning, and support for ID card readers, fingerprint readers and other peripheral extensions, which can be applied to access control and attendance, Realize the safe and efficient access control of personnel.



DYNAMIC FACE DETECTION DISPLAY

SV1080 Series

- 8.0
8-inch IPS
full-view LCD display
- Face recognition
by mask detection
- Living thing
Testing
- Precision and speed
- 20000 face database
- Real time entry

HIGHLIGHTS

- Dynamic face detection display, uses Rockchip RK3288 / RK3399.
- Equipped with industrial-class binocular camera.
- Live face recognition technology and infrared thermal imaging
- Module to support face-with-mask identify.
- It supports 1:1 face comparison and retrieval, face-with-mask recognition and human temperature detection.
- It supports automatic alarm for body temperature abnormality.
- It also supports expansion of various peripherals such as ID card readers, fingerprint readers, etc., which can be applied to gate passages and attendance system to achieve safe and efficient access control for personnel.



Binocular wide dynamic camera

Using industrial-grade binocular wide dynamic camera, night infrared and LED dual fill light.



Body temperature test broadcast

Body temperature detection and broadcast function, the best body temperature detection distance is 0.5m, the longest sensing distance is up to 1m, and the on-site detection accuracy rate is 98.3%, The speed of face recognition is less than 1 second.

0.5 m

Best detection distance |

1 m

The longest detection distance |

98.3%

Detection accuracy

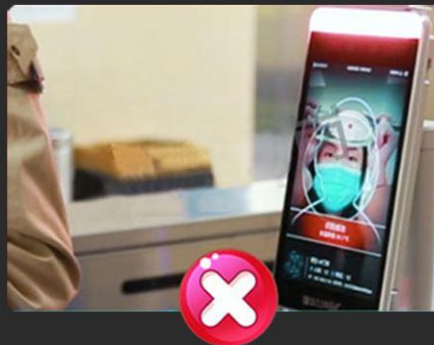


Quick temperature measurement

The detection only takes a few seconds and supports automatic alarm for abnormal body temperature.



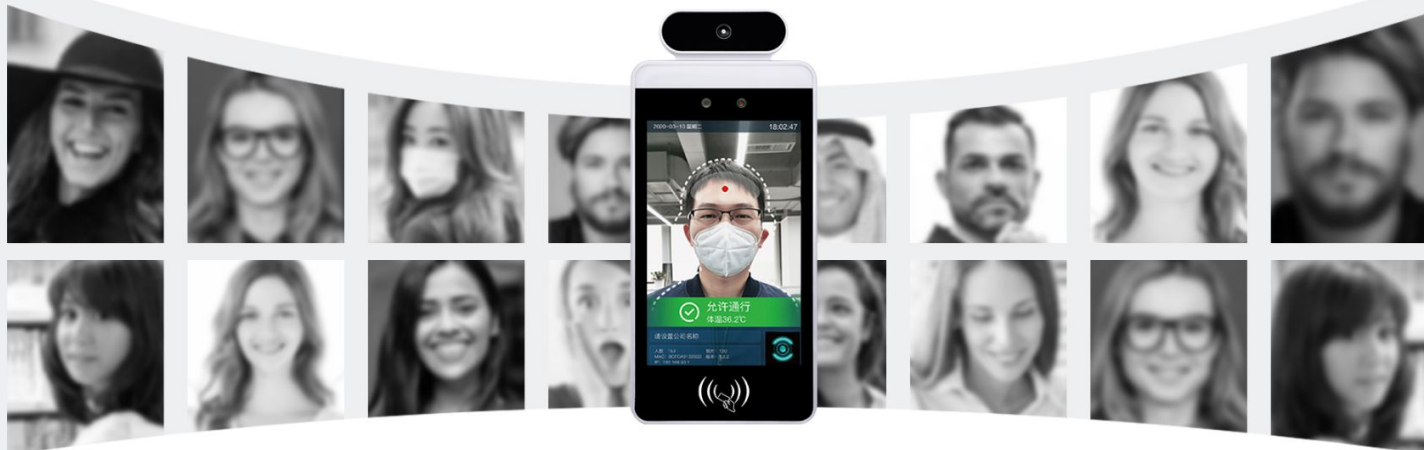
Normal temperature, authorized to pass.



The temperature is abnormal and traffic is prohibited.

Supports 20,000 face database

Support 2W face database. The 1:1 comparison recognition rate is over 99.7%, the 1:N comparison recognition rate is over 96.7%, 0.1% misrecognition rate, and the in vivo detection accuracy rate is 98.3%





Support multiple peripheral extensions

Supports various peripheral expansions such as ID card reader, fingerprint reader, two-dimensional code reader and more.



ID Card Reader



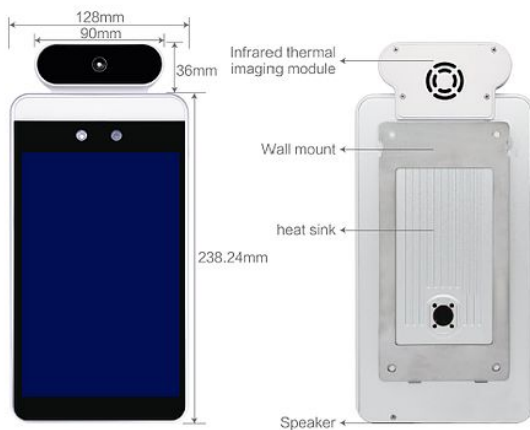
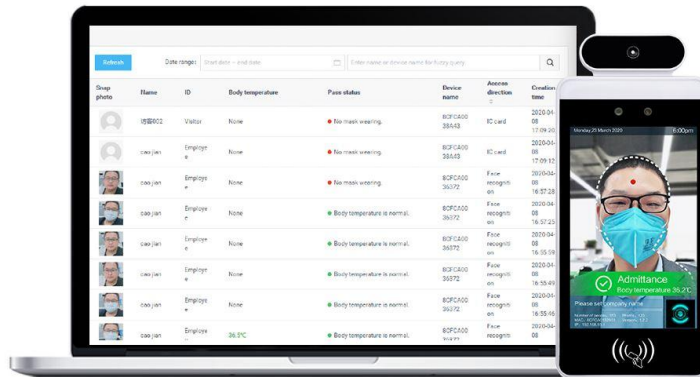
Two-dimensional Code reader



Fingerprint reader

Real time update

Attendance temperature measurement data is exported in real time

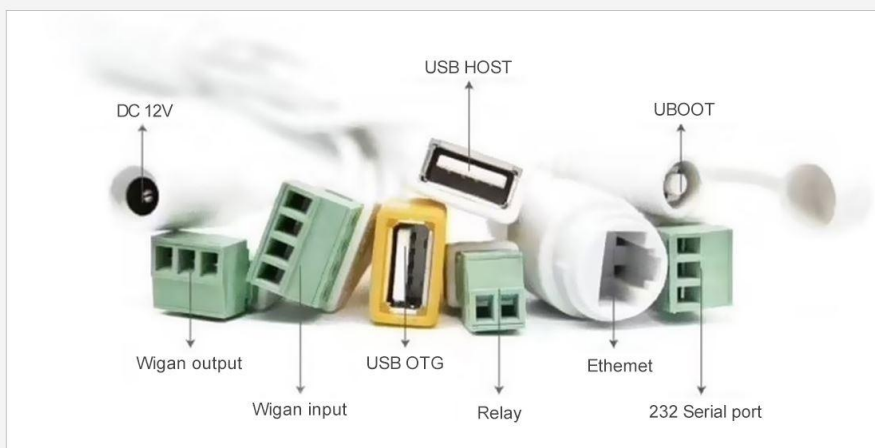


*Sanitizer attachments shown above are available as an optional add-on

Strong performance supports secondary development

Supports optional Rockchip RK3288 quad-core processor, Rockchip RK3399 six-core processor and Qualcomm MSM8953 octa-core processor, with strong performance.
Support system level, APP offline level, APP+ background network level API connection, complete documentation, and support secondary development.

Open interfaces with API options



Various installation methods



Wall hanging



Desktop



Children's vertical



Adult vertical

PRODUCT SPECIFICATIONS

		SV1080	SV1080-T	SV1080-F
Camera	Resolution	2 million Pixels		
	Type	Binocular (Wide Dynamic Camera)		
	Aperture	F2.4		
	Focus	50-150cm		
	White Balance	Auto		
	Photo Flood Light	LED & IR Dual Photo Flood Light		
Screen	Size	8.0in IPS LCD Screen		
	Resolution	800x1280		
	Touch	Not supported (optional support)		
Processor	CPU	RK3288 quad-core (optional RK3399 6-core, MSM8953 8-core)		
	Storage	EMMC 8G		
Interface	Network Module	(1) Ethernet RJ-45 Port, WiFi		
	Audio	2.5W / 4R speakers		
	USB	1 USB OTG, 1 USB HOST standard A port		
	Serial	1 RS232 serial port		
	Relay Output	1		
	Euroblock	(1) input, (1) output		
Function	Card Reader	Optional IC card reader, ID card		
	Facial Recognition	Supports Simultaneous detection and tracking		
	Face Library	Up to 30,000		
	1:N Facial Recognition	Supported		
	1:1 Face Comparison	Supported		
	Identify Distance Configuration	Supported		
	UI Interface Configuration	Supported		
	Firmware Upgrades	Supported		
	3 rd Party Interface	Interfaces include device management, personnel / photo management, record query, etc.		
Deployment	Support for Cloud Deployment, LAN, Stand-Alone			
Thermal Imaging Module	Temperature Detection	Supported		
	Temperature Detection Distance	1 meter (optimal distance 0.5 meter)		
	Temperature measurement accuracy	≤ ±0.5°C		
	Temperature measurement range	10°C~42°C		
	Thermal field of view	32 X 32°C		
	Temperature Alarm	Supported		
General Parameters	Power	DC12V		
	Operating temperature	0°C~60°C		
	Storage temperature	-20°C~60°C		
	Power Consumption	13.5W (Max)		
	Installation method	Gate bracket installation	Bracket w/ Table Mount	Bracket w/ Podium Stand
	Size	Base Unit: 274 x 128 x 21.5 mm		

LIFETIME WARRANTY WITH OPTIONAL ON-SITE SERVICE

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