

**DEEPCISIONAI**





# **8 Inches Ultra-thin Thermal Imaging Temperature Measurement**

(With Pass measurement & Face Recognition)

## 8 Inches Ultra-thin

# Thermal Imaging Temperature Measurement

(With Pass measurement & Face Recognition)

## Introduction

Pass management vertical module of temperature measurement and face recognition uses High-performance 32-bit 4-core ARM chip. High-performance hardware platform, equipped with industrial-grade binocular camera, live face recognition technology and infrared thermal imaging module to support face-with-mask identification. It also supports expansion of various peripherals such as ID card readers, fingerprint readers, etc.



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## **Product Characteristics**



**AUTOMATIC DETECTION**



**MASK RECOGNITION**



**SMART VOICE**



**IDENTITY VERIFICATION**



**MULTI-LANGUAGE**



**DATA MANAGEMENT**



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## Product Advantages

- Adopt high-performance intelligent processor, face recognition algorithm based on deep learning, greatly improve the rate of face capture
- Support real-time temperature detection and high temperature alarm.
- Support face optimization, face enhancement and face exposure to improve imaging quality
- Support live anti-counterfeiting, based on facial biometric recognition, can not be replaced and copied to prevent counterfeiting operations.

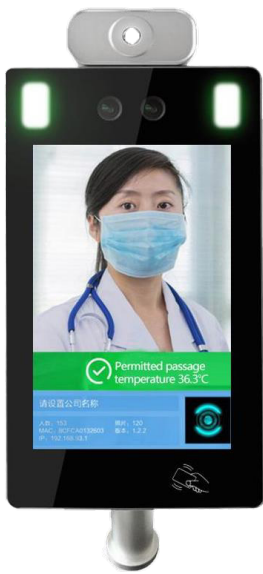


# 8 Inches Ultra-thin

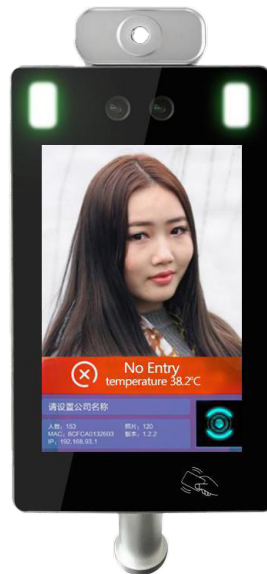
## Thermal Imaging Temperature Measurement

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### Voice Announcements Temperature Measurement



Normal Temperature



Abnormal Temperature

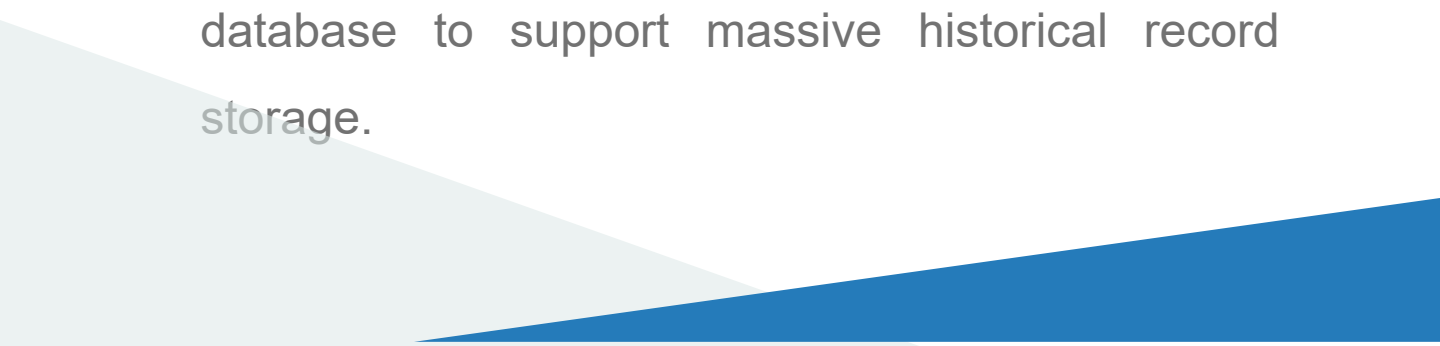


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### Features

- The integrated design is adopted to ensure the safety and reliability of the equipment, and provide guarantee for the accuracy of identity verification.
  - Support witness card identification and stranger warning function.
  - The face recognition all-in-one machine supports personalized customization.
  - Support cloud and local identification.
  - Support to adjust the recognition distance.
  - Equipped with offline and online 10,000 face database to support massive historical record storage.
- 

- Fast and efficient, with high recognition accuracy and fast verification speed.
- Non-contact identification is completely different from fingerprints and punching methods, frees hands, and does not require special cooperation to have a strong sense of experience.
- Voice broadcast, user-friendly touch screen, simple and stylish interface.
- HD color screen and high resolution.
- Heat dissipation hole and speaker sound: The sound quality of the speaker is high, and the heat dissipation hole for the ventilation of machine temperature.
- Support multi language switching, high-definition voice prompts.
- Support USB disk download and self-service report.
- The Face Recognition Integrated System supports wall mounting and Standee Stand installation



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## **Applications**



School



Office



Airport



Hospital



Hotel



Community



Transportation



Supermarket



Public Area

*Suitable for gate, wall-mounted, desktop, floor-mounted installation*

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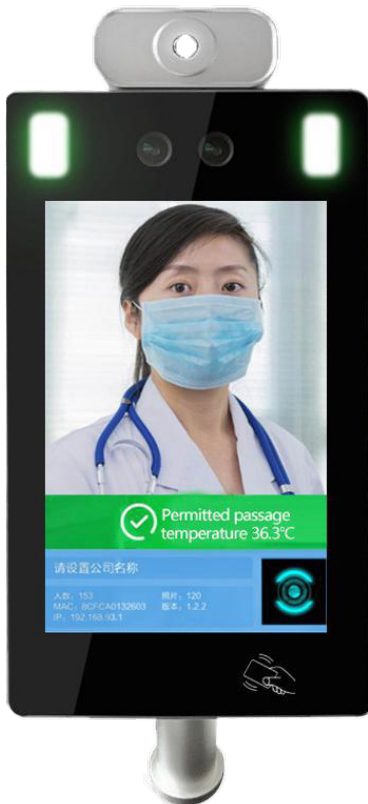
## Face Recognition Temperature Measurement



Face recognition



Free software



Large recording  
Capacity



Dynamic camera

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**Support for Face Recognition Card Swiping**

Support multiple recognition methods such as recognizing face and swiping card, recognizing face or swiping card, recognizing face only, swiping card only



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### Appearance



Desktop type

Children type

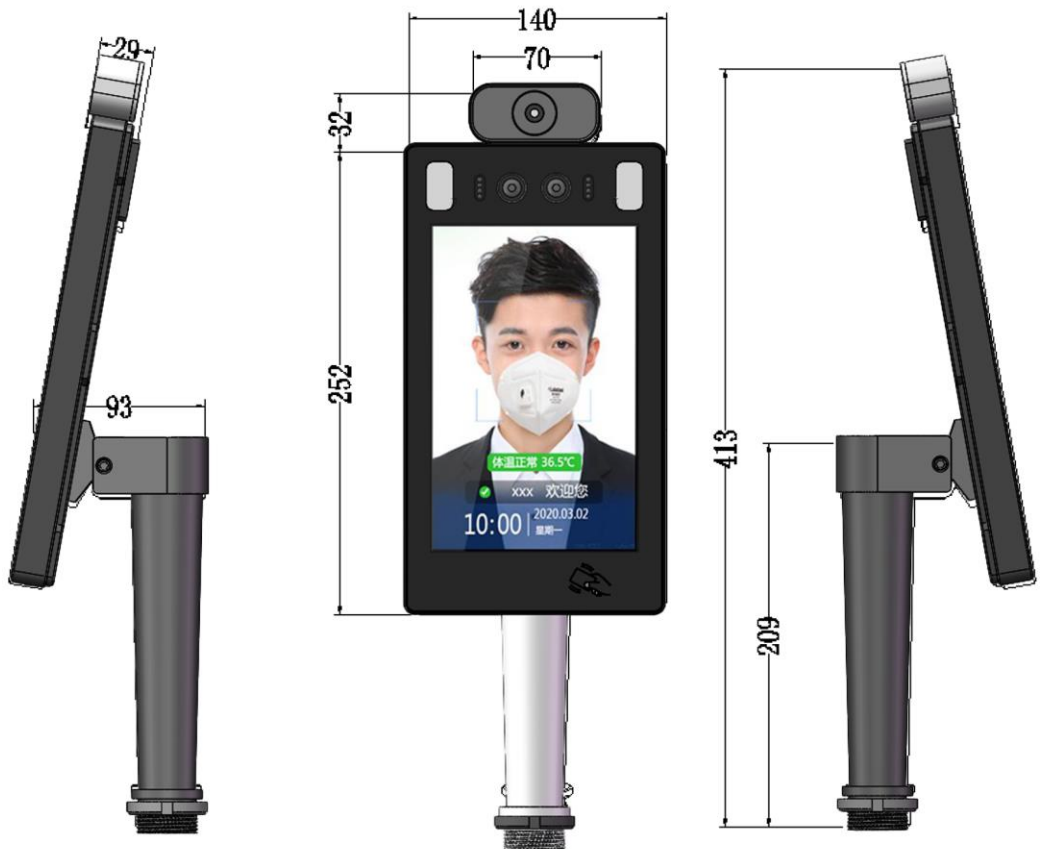
Vertical type

# 8 Inches Ultra-thin

# Thermal Imaging Temperature Measurement

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## Size



**8 Inches Ultra-thin**

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## **Packing Size**



Vertical type

1190\*340\*310MM

Desktop type

300\*340\*280MM

Children type

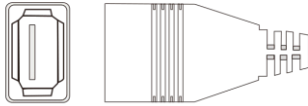
325\*360\*880MM

# 8 Inches Ultra-thin

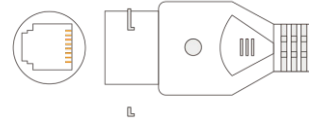
## Thermal Imaging Temperature Measurement

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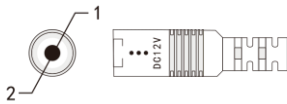
### Interface Description



USB 2.0 interface



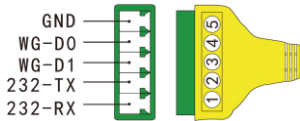
USB 2.0 interface



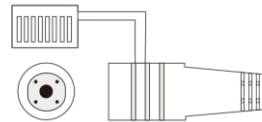
12V power input



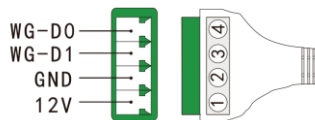
Switch signal



Wiegand output  
(232 signals)



Reset / Reset button



Wiegand input

# Parameters

Model	SP-1081D		
Camera	Resolution	2 million pixels	
	Type	Binocular wide dynamic camera	
	Aperture	F2.4	
	White balance	Auto	
	Photo flood light	LED and IR dual photo flood light	
Screen	Size	8.0 inch IPS LCD screen	
	Resolution	800×1280	
	Touch	Support	
Processor	OS	Android 5.1	
	Flash	8G	
Interface	Network module	Ethernet and wireless (WIFI)	
	USB	1 USB OTG, 1 USB HOST standard A 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	
	Function	ID/IC card reader	Support
Face library		10000	
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.	
Deployment method		Support public cloud deployment, privatized deployment, LAN use, stand-alone use	
Infrared thermal imaging module		Temperature detection	Support
	Temperature detection distance	30cm-80cm (optimal distance 50 cm)	
	Temperature measurement accuracy	≤ ±0.5°C	
	Visitors' temperature is normal and released directly	Support	
	Abnormal temperature alarm	Support (temperature alarm value can be set)	
General parameters	Power	DC12V (±10%)	
	Operating temperature	0°C~35°C	
	Storage temperature	0°C~35°C	
	Power consumption	13.5W (Max)	
	Installation method		Gate bracket installation
			Desktop installation
		Vertical installation	
		Wall mounted	





## **CONTACT**

Journalist Colony, Filmnagar Jubilee Hills, Hyd - 500 033.  
Telangana - INDIA

[info@deepvisionai.in](mailto:info@deepvisionai.in)  
90526 04999 / 90526 33233

[www.DeepVisionAi.in](http://www.DeepVisionAi.in)