

## Body temperature detection and access control system

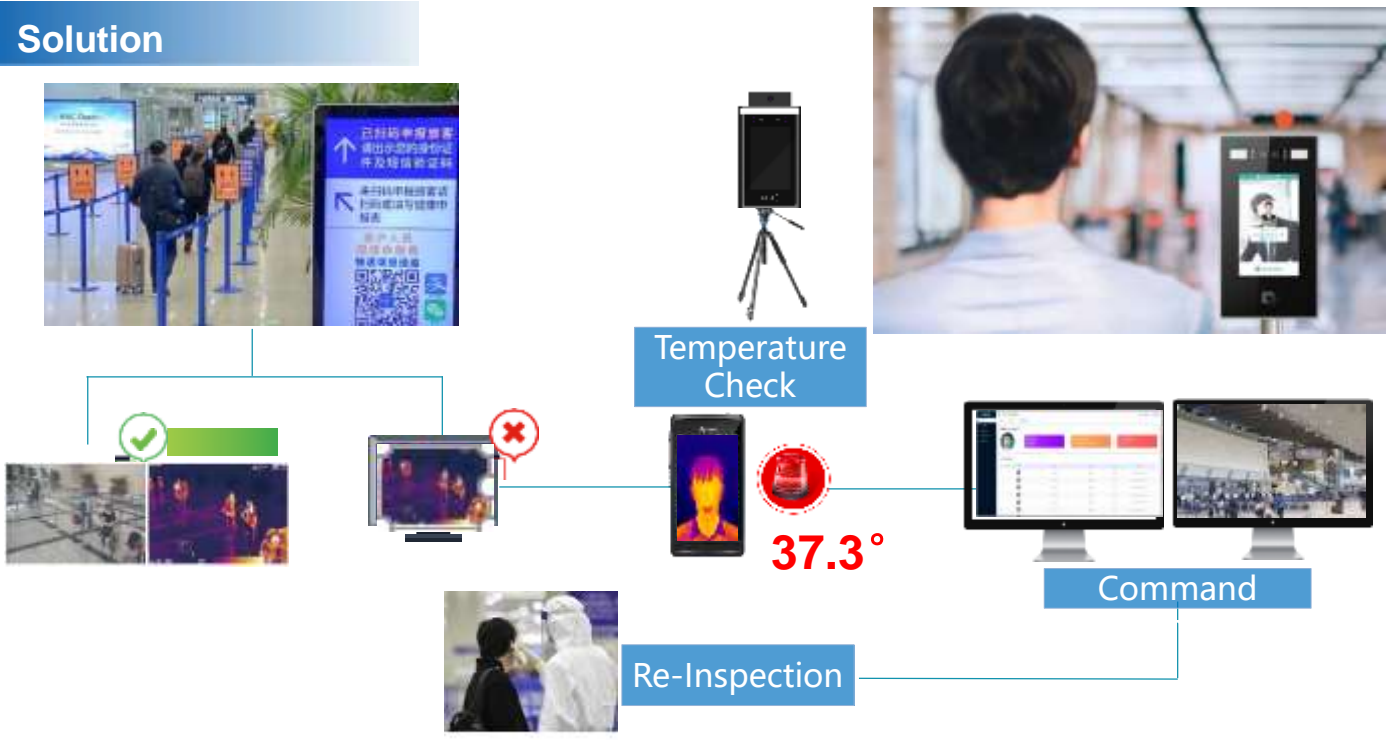


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**Disclaimer:**

The temperature detection is for medical screening only, is not intended to be a substitute for professional medical advice, diagnosis, or treatment

## Solution



## Hardware Specification

Type	Category	Item	Description
AWT-10-A505	Hardware specification	OS	linux
		CPU	Sigamstar 326
		Display	5 inch HD LCD
		Camera	200W HD anti-backlight
		Temperature measurement module	32x24 matrix non-contact temperature measurement
	Recognition algorithm	Recognition Rate	Own algorithm can reach 99.8
		Live detection	against non-living attacks such as mobile phone and tablet photos
		Recognition speed	200ms
	Personnel management	Face library	10k local face library
		Personnel management	Add / delete / change / check
		Recognition mode	Face recognition / person identification comparison / temperature detection / icid card recognition
	Temperature detection	Measurement distance	0.5m
		Measurement accuracy	±0.3°C
		Fever Alarm	Alarm over preset body temperature
Network	WiFi/BT	Support wifi network connection / support master-slave integrated Bluetooth module	
	Wired network	supports RJ45 wired network	
PNC550	OS	Android 8.1	
	Card Slot	2x Nano SIM (12x9), 1x Micro SD (TF card)	
	Dimensions (H x W x D)	156.5 x 76 x 14 mm	
	Weight (with Battery)	250g	
	Display	5.0 inch (color 1280x720), Multi-touch, Glove mode, Rain Pattern mode	
	Camera	Front: 8MP, Rear: 13MP	
	NFC	Support	
	Port	USB 2.0 (Type C), 3.5mm Audio Jack	
	Battery Life	4000mAh (Li-ion)	
	Speaker	1W (Rated), 2W (Max)	
	WLAN/Bluetooth	support	
	Positioning	GPS (AGPS)/BDS/GLONASS/Galileo	
	Dust & Water Proof	IP68	
	Shock & Vibration	MIL-STD-810 G	
Drop Resistance	1.2m		



Face recognition pass



Mask recognition (customized)



Temperature matches people



Non-contact temperature measurement



Multiple uses in one device



Alarm push

## Advantages



**Dedicated infrared sensor**



**Data management, Abnormal alarm,  
Be accessed by the terminal through  
the public network**



**Face recognition  
technology, accurate  
temperature  
measurement  
( $\pm 0.3^{\circ}$  C)**



**Flexible  
deployment**



**Mobile Radio App, remote  
monitoring anytime, anywhere**



## Application Scenario



Air port



Station



Pier



School



Hospital



Scenic area



Office building



Market