

## 8inch Facial recognition display with temperature-measuring

---using facial recognition technology to monitor coronavirus

### Features:

- it can measure body temperature while identifying the person's name, and then the system would process the result, say, if it detects a temperature over 37.3 degrees
- It can identify everyone in a crowd of up to 30 people "within a second"
- Support 30000 ID database, the success rate for people without mask is about 99.7%. Even when wearing a mask, the recognition rate can reach about 95%, which can ensure that most people can be identified
- 8inch IPS Panel, industrial grade design, ip65
- Using industrial binocular wide dynamic camera, night infrared and LED dual fill light
- ANDROID system, RK3288, quad core, 2G RAM, 8G ROM
- SUPPORT ID card reader, finger printer, IC card reader, QR code scanner, etc.
- Provide API/SDK for software development



Model	A08-FCD01
<b>Hardware</b>	
LCD	8INCH, 1280*800
TOUCH PANEL	NOT SUPPORT
Chipset	RK3288
System	ANDROID 7.1 SYSTEM
Memory	8GB
RAM	2G EMMC
NETWORK	LAN, WIFI
Bluetooth	supported
<b>Camera Parameters</b>	
Camera	Binocular camera supports live detection
Effective pixel	2Mega pixel,1920*1080
Min. lux	Color 0.01Lux @F2.4(ICR);B/W 0.001Lux @F2.4
Image sensor	1/2.7" CMOS
Lens	4.5mm
Distance	50~150CM
<b>Interface</b>	
Internet interface	RJ45 10M/100M Ethernet
Weigand port	Support input/output 26 and 34
USB port	1USB OTG, 1USB HOST A
RS232 port	1 RS232
AUDIO	2.5W/4R SPEAKER
UPGRADL	UBOOT UPGRADE
Alarm output	1channel relay output
<b>FUNCTIONS</b>	
NFC	STANDARD WITHOUT(IC card reader/ID CARD reader optional)
Face detect	Multiple supported
Face amount	30000
1:N facial recognition	Support
1:1 facial recognition	Support
Stranger recognition	Support
Recognition distance detection	Support

UI interface setting	Support
Remote upgrading	Support
<b>INFRARED THERMAL IMAGING MODULE</b>	
Temperature measure	support
Measure distance	0.5~1m
Accurate rate	$\leq \pm 0.2^{\circ}\text{C}$
Measuring Range	$25^{\circ}\text{C}\sim 45^{\circ}\text{C}$
Thermal imaging field of view	32 X 32 $^{\circ}$
Normal Temperature visitor	pass
Abnormal Temperature visitor	alarming
<b>General</b>	
Power input	DC 12V/3A
Power consumption	13.5W(MAX)
Working temperature	$0^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Humidity	5~90%, no condense
NET Weight	1.5 kg
Warranty	One year

## Interfaces

