



Overview

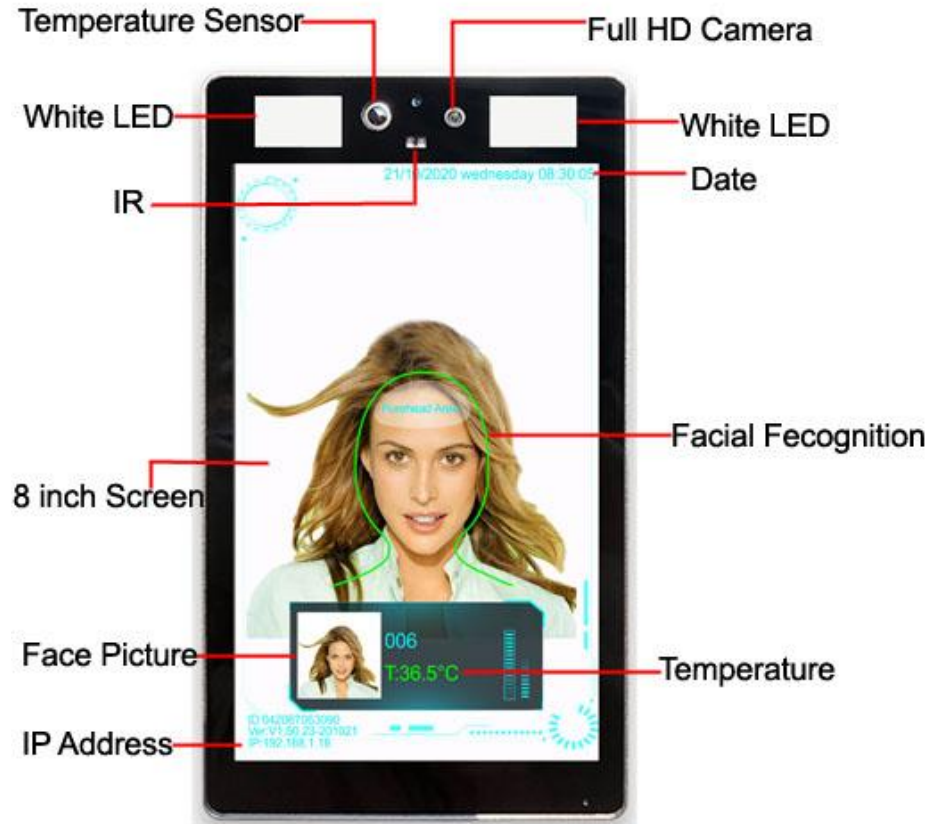
TA8201R-8T face recognition and thermal detection terminal device can detect elevated skin temperatures brought on by various external causes, such as the Coronavirus, with pinpoint accuracy. This makes them a non-invasive first step for febrile detection. Perfect for adjunct use in hospitals, sub-acute health settings, public areas (i.e. airports), and more. Also this device adopts deep learning algorithm, which helps to recognize the face faster and more accurate. It also supports multiple authentication modes: 1:1 face match, etc. When installed on the turnstile, it can be applied in multiple scenarios, such as buildings, businesses financial industries, and other important areas.



Present Situation

As people are getting back to work and daily routines, it is crucial for businesses to maximize efficiency of their access control systems under the new normal situation, which requires safe and fast temperature screening, access and attendance, as well as visitor managements.

Product Features



- 1> Temperature measurement; If the body temperature is higher than the standard of coronavirus, the device will alarm;
- 2> Support gate channel access, if you install the device at the gate channel, just suitable face recognition and correct temperature guys can enter into the house;
- 3> If the device is used by company, it support to staff attendance;
- 4> Thermal and optical Bi-spectrum with facial recognition;
- 5> Built-in high accuracy thermal infrared module, temperature detection range 35°C~42°C, precision±0.3°C ;
- 6> Face detection speed:<300m;
- 7> Face Capacity: Max. 50,000 face storage;
- 8> 8 inch LCD Screen, 2 MP wide-angle dual lens;
- 9> Support Wiegand output and relay interface.

Specifiction

Mode	Thermal Infrared and Face Recognition Tablet Network Camera
	TA8201R-8T
Display	8 inch LCD
Thermal	
Image Sensor	Far infrared temperature sensor
Resolution	80x60
Spectral Range	8~14um
Temperature Measurement Range	Range: 35~42°C Precision:±0.3°C
Field of View	33°
Temperature Measurement	Global and regional
Temperature Exception Alarm	High temperature limit, Low temperature limit, Regional temperature exception
Optical	
Lens Length	3.6mm
Field of View	118°
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON)
WDR	≥120dB
S/N Ratio	≥46dB (AGC OFF)
Shutter Speed	1/5s to 1/20,000s
White Balance	Auto, indoor, outdoor, sodium lamp mode, manual
Day & Night	color/B/W

Video Compression	H.265 Main Profile / H.264 High profile / M-JPEG
Max Resolution	1920x1080@30fps
Resolution	Main Stream :1920x1080、1280x960、1280x720、720x576
	Sub stream :640x480、352x288、320x240、176x144
	MJPEG :1920x1080、1280x720、shut down
Stream	CBR,VBR(from 32Kbps to 10Mbps)
Audio Compression	G711, PCM
AI	
Face Capacity	Max. 50,000 face
Recognition Speed	<300ms
Live Detection	support
General	
Power Interface	DC12V
Network Interface	1 10M/100M Ethernet port (RJ-45)
Wiegand	1 channel
Digital interface	1 channel
Power Consumption	5W
Work Temperature/Humidity	0%-90% RH (Non-condensing)
Operating Temperature	-20°C ~60°C
Dimension	215 mm × 125 mm × 25 mm (with bracket)
Weight	Approx. 1.0 kg

Product Interface



Number	Interface name	Interface Description
1	Power interface	12VDC
2	Network interface	RJ45 interface
3	Relay interface	+ : NO Normally open port - : COM common port
4	Wiegand interface	1: Null 2: Wigeand protocol data port D1 3: Wiegand protocol data port D0 4: Gnd



Airport



Office



School



Enterprise Park



Hospital



Supermarket

Application Scenarios

TA8201R-8T Thermal Infrared and Face Recognition Tablet Network Camera can be used in residential communities, enterprises and institutions, shopping malls, supermarkets, service industry places, public transportation and technical support team to provide you with suitable solution.

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*Product specifications and availability are subject to change without notice.