TempAlert Pad

Device Consulting

Smart tablet camera with temperature detection + face recognition

Key Features:

- **Thermal and optical Bi-spectrum with facial recognition;**

- **Built-in high accurace thermal infrared module, temperature detection range 35C-42C, Precision +- 0.3C;**

- **Face Detection speed: <300ms;**

- **Face Capacity: Max. 50,000 face storage;**

- **Resolution 1920 x 1080P (highest in its class);**

- **8 inch LCD screen, 2MP wide-angle dual lens;**

Product Description:

TempAlert Pad 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 models: 1:1 face match, etc. When installed, it can be applied in multiple scenarios, such as buildings, business, financial industries and other important areas.

TempAlert Pad

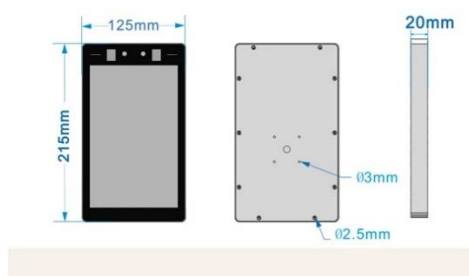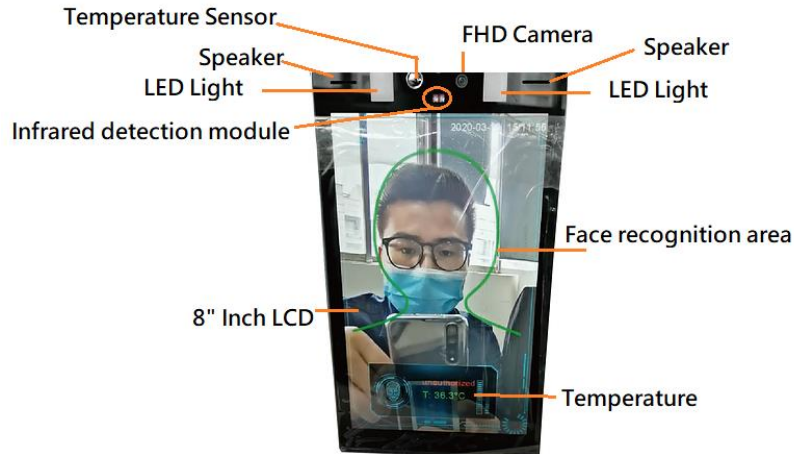### Smart tablet camera with temperature detection + face recognition

Temperature Sensor
Speaker
LED Light
Infrared detection module
FHD Camera
Speaker
LED Light
Face recognition area
8" Inch LCD
Temperature
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Large Mobility

High Volume of Management

Cross Infection

Present Situation

During the epidemic, entrances and exits in public places basically use manual close-inquiries, manual body temperature measurement, manual registration, and personal mobile phone declarations as methods to prevent and control the epidemic.This management method requires a large number of staffs,plus, staffs' self-protection standards are not uniform, which iseasy to cause cross -infection. In addition, the information of thetested personnel is not comprehensive, and in the event of anew epidemic, there is no good traceability mechanism.

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2MP Face recognize+temperature detection 8inch smart camera	
Model	TempAlert Pad
Display	8inch LCD
Sensor	Thermal imaging infrared temperature sensor
Temperature measurement	Range：35~42℃
	Precision： ±0.3℃
Detect distance	0.4m~0.7m
Lens	focal length 1.8mm，Field of View：118°
Mini illum	0.005Lux@F1.2 color mode
Dynamic Range	≥120dB
S/N Ratio	≥46dB（AGC OFF）
Exposure mode	Program mode (customizable shutter interval), shutter mode（1/5 - 1/20,000s）support for slow shutter
White balance	Auto, indoor, outdoor, sodium lamp mode, manual
Digital noise reduction	Support DNR,3DNR
Day and night mode	Fixed color
Video compression	H.265 Main Profile / H.264 High profile / M-JPEG
Max resolution	1920x1080@30fps
Main stream	1920x1080,1280x960,1280x720,720x576
Substream	640x480,352x288,320x240,176x144
MJPEG	1920x1080,1280x720,closed
Output bit rate	(CBR or VBR), Bitstream setting range:32Kbps~10Mbps

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Audio compression	G711，PCM
Character overlay	Support channel name, date and time overlay, adjustable overlay position;
Number of face bases	50,000 sheets
Recognition speed	≤300ms
Live detection	support
Mask detection	support
Body temperature alarm	support
power	DC12V
network	1ch10/100BaseT Ethernet RJ45 interface
Wiegand	1ch Wiegand output interface
Switch	1ch relay output
SD card	Up to 128G
MIC	Built-in
Audio	Built-in 2ch audio output
Working Humidity	-10°C ~50°C
Working Humidity	0%-90% RH
Power Consumption	5W
size	215x125x20mm
weight	< 1kg