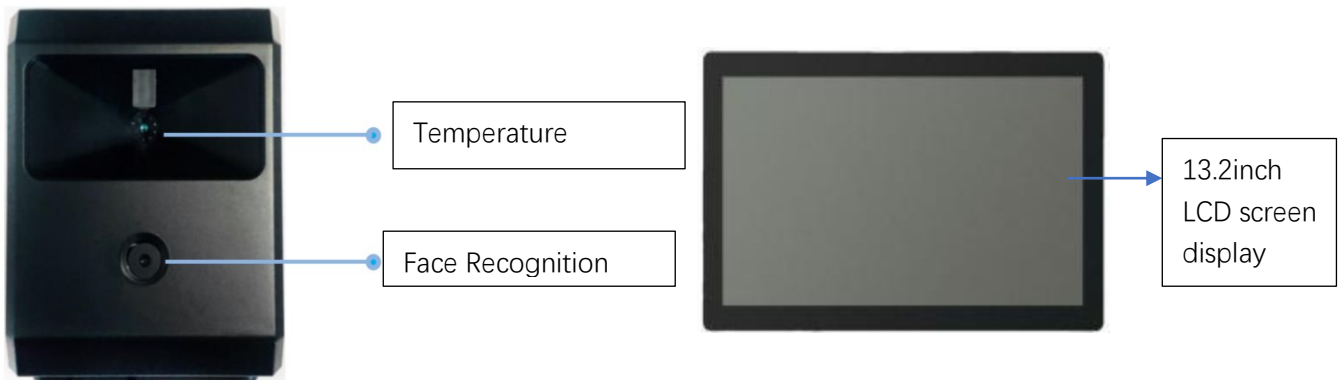


Binocular Thermal Imaging Temperature Measurement System



Product Features:

1. Thermal imaging temperature measurement module real pixel 256x192
2. Non-contact personnel temperature measurement, accuracy: ± 0.3 °C (target temperature 32 °C ~ 42 °C)
3. Comes with facial accurate temperature measurement algorithm, with black body, automatic correction, can effectively reduce the influence of the environment on thermal imaging temperature measurement
4. Human body temperature measurement distance: 1 meter ~ 7 meters (default 3.5 meters)
5. 2MP high-definition visible image sensor, clear picture
6. It can test and measure the temperature of 20 people at the same time
7. Support single temperature measurement and multi-person temperature measurement mode switching
8. Support stand-alone mode and server mode switching
9. Professionals can perform multi-parameter correction of the equipment through the front end
10. Data statistics can be set and viewed directly through the front display
11. Support 12W record storage, which can be automatically cycled overwritten
12. Support front-end and extended large screen (HDMI) display at the same time
13. You can directly enter the face whitelist on the front end or back end
14. Support face information database, whitelist 10,000 face database
15. The success rate of face recognition is as high as 98% (face is required)
16. Support mask prompt function
17. Support voice broadcast customization
18. Support data export
19. Support memory expansion
20. Support third-party data push and docking

Application:

It can be widely used in scenarios that require a wide range of body temperature detection, such as airports, stations, shopping malls, subway stations, schools and other places that require rapid temperature screening.

Specifications:

| Model | | SA03-working with SA300C |
|------------------------------------|-------------------------------|--|
| | | Binocular thermal imaging temperature |
| Control | Model | Rk3288 |
| | System | Android |
| Thermal Imaging temperature | Sensor | Silica uncooled infrared focal plane detector |
| | Resolution | 256x192 |
| | Cell size | 14μm |
| | Thermal sensitivity | 60mK |
| | Lens | focal length : 15mm |
| | Focus mode | Non-thermal prime lens |
| | Measurement accuracy | ±0.3°C, Target temperature 20°C~45°C |
| | Distance | 1m-7m (measuring distance) |
| Parameter | Image sensor | 1/2.8 inch CMOS |
| | Focal length | 8mm |
| | Exposure compensation | Support |
| Bold body parameters | Temperature range | 60°C |
| | Effective radiant surface | 10mm*15mm |
| | Stable accuracy | ≤0.1°C |
| AI | Face capture | Built-in deep learning AI algorithm, support simultaneous detection of 20 faces, face detection, capture, comparison |
| | Temperature abnormality alarm | Abnormal body temperature voice alarm (default alarm threshold is 37.3°C) |
| Hardware ports | Power port | DC12V |
| | Network port | 1 channel ;10/100BaseT internet, RJ45 port |
| | USB port | 2 channels |
| | Video port | HDMI output |
| | Alarm port | Support switching alarm signal output, can be linked with external sound and light alarm |
| | Debug the serial port | 1 Channel |
| | Audio and video interface | Support 1 channel audio output |
| Environment | Operating temperature | -10 °C ~ 50 °C (Ambient temperature 16~32 °C accurate temperature measurement), storage temperature -20 ~ 60°C |
| | Operating humidity | 0%-90% RH(Non-condensing) |
| Specifications | Degree of protection | IP64 |
| | Power | 12VDC |
| | Size | 152mm*112mm*96mm |
| | Weight | < 1kg |