



TempAlert Supreme

Dual Sensor Infrared Body Temperature Screening Thermal Camera



Key Features:

- **Security:** non-contact measurement, reduce the risk of cross infection
- **Efficient:** Detect multiple people at the same time less than 1 second, up to 5M.
- **Accuracy:** Error less than ± 0.3 °C
- **Stability:** Automatic temperature calibration function, good temperature stability
- **Intelligent Alarm:** Support temperature threshold setting and automatic screening warning mechanism, real-time alarm.
- **Full-time work:** 7 × 24 real-time rapid body temperature screening
- **Easy deployment:** One set thermal camera and one ordinary PC can constitutes a small temperature measurement station, supporting offline and online deployment
- **Environmental adaptability:** It can be applied to small scenes such as entrances, stores, etc
- **Scalable:** Can be linked with emergency command system to achieve rapid response and real-time processing
- **Traceability:** Combined with the software, it can trace back, analyze, and mine historical data

Product Description:

Infrared non-inductive body temperature scanning system is a non-contact, large-area, accurate and efficient temperature measurement and screening equipment specially designed for the dense population in public places. Based on the thermal imaging precise temperature measurement technology, it can timely detect the person with abnormal temperature and give alert or alarm warning, assist the supervision department to implement quick intervention and take an emergency action, to prevent the suspected patient or carrier of virus epidemic from occurring in public places. This system is widely used in airports, railway stations, bus stations, subway stations and other comprehensive transportation hubs, as well as schools, comprehensive parks and other crowd gathering areas. The equipment includes front-end human body temperature screening camera and control computer. The control computer is equipped with temperature measurement management software, which is used for temperature measurement equipment management and temperature measurement alarm.

TempAlert Supreme

Dual Sensor Infrared Body Temperature Screening Thermal Camera

System Performance

1. Temperature measurement range:	30°C ~ 45°C;
2. Temperature measurement error:	± 0.3°C;
3. Temperature measurement display:	temperature display of the highest temperature point in the scene;
4. Temperature calibration:	correction mark prompt;
5. Interface: one-channel of RJ45 - 10m / 100M / 1000m adaptive Ethernet port. Expandable RS-485 /	RS422 / RS232; expandable alarm output;
6. Storage: built in micro SD card slot, supporting micro SD / SDHC / SDXC card (up to 128G), supporting	manual recording / alarm recording;
7. Network protocol:	support HTTP; TCP; RTSP; RTP; UDP; RTCP; support onvif 28181 protocol;
8. Web access:	support web full function configuration;
9. Video compression standards:	H.265, H.264, mjpeg;
10. Audio compression standard:	G.711;
11. Mobile detection:	support video blocking and mobile detection alarm;
12. Power supply mode:	DC12V;
13. Power consumption:	≤ 5W;
14. Weight:	< 2kg;
15. Boundary dimension:	335mm × 195mm × 116mm (L x W x H);
16. Installation mode:	wall mounting / column mounting / tripod.

TempAlert Supreme

Dual Sensor Infrared Body Temperature Screening Thermal Camera

Thermal Detector

1. Detector type: uncooled vanadium oxide focal plane detector;
2. Detector pixel: 384 x 288;
3. Spectral range: 8 μm ~ 14 μm ;
4. Detector frame rate: 50Hz;
5. Sensitivity (NETD): $\leq 50\text{mk}$ @ 25°C, $f \times 1.0$;
6. Lens focal length: 13 mm, non thermal lens;
7. Proximity: 2.0m;
8. Image enhancement: DDE digital detail enhancement, 3D digital noise reduction, accurate blind element elimination, no bright spots and dark spots in the field of view;
9. Gain control: automatic / manual;
10. Nonuniformity correction: automatic / manual;
11. Image image image: left / right / up / down / diagonal;
12. Electronic zoom; 1.0 ~ 8.0 \times continuous zoom (step size 0.1), Eagle drawing display in digital zoom drawing;
13. False color: support white heat and black heat, support 16 kinds of adjustable pseudo color;
14. Life cycle management: movement health index recording function (working time, shutter times, limit temperature).

Environmental Adaptive

1. Working temperature: - 20°C ~ 50°C;
2. Working humidity: $\leq 95\%$;
3. Protection grade: IP66, TVs 2000V lightning protection, surge protection and surge protection.

Setting

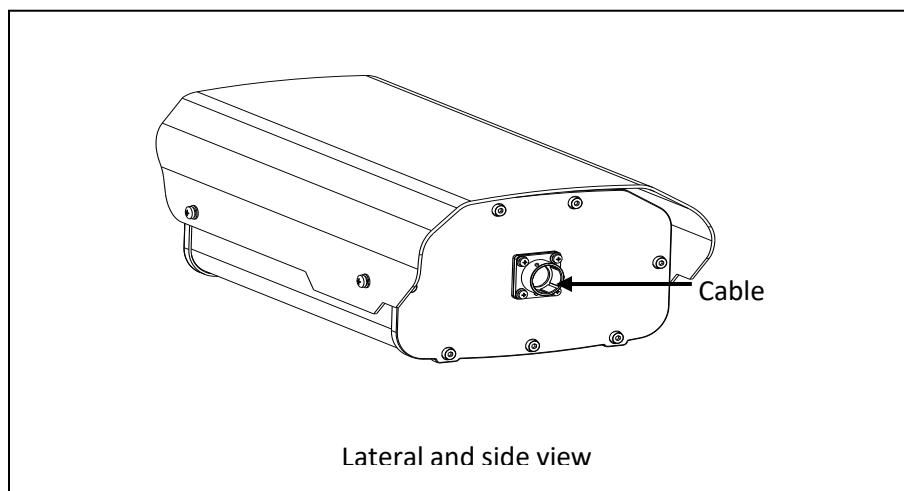
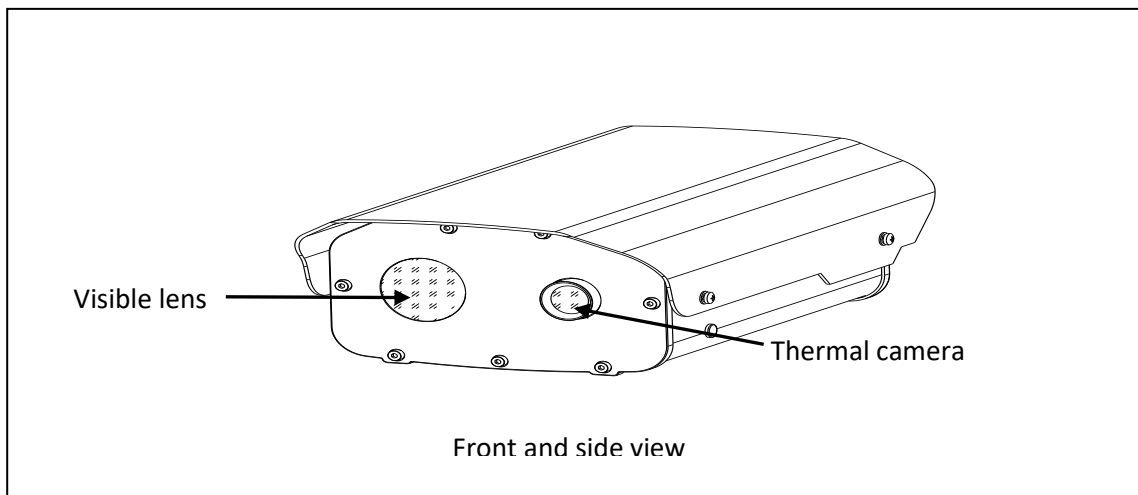
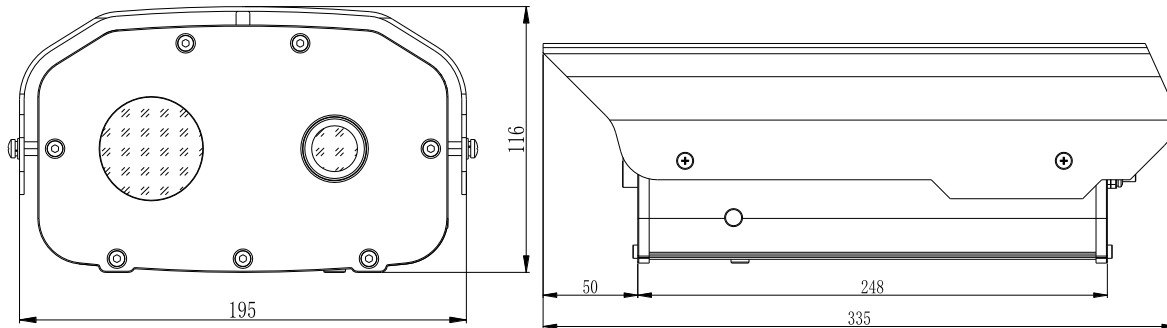
It mainly includes 1 temperature measuring thermal imager, 1 temperature measuring management software, 1 power adapter, 1 control computer (optional), 1 tripod (optional) and accessory installation accessories.

* The accuracy of the temperature measurement is related to atmospheric transmittance, target emissivity, ambient temperature and humidity, temperature calibration and other factors.

TempAlert Supreme

Dual Sensor Infrared Body Temperature Screening Thermal Camera

Dimensions and External Appearance



TempAlert Supreme

Dual Sensor Infrared Body Temperature Screening Thermal Camera

