

Dual Sensor Infrared Body Temperature Screening Thermal Camera



2020-3

Introduction

BAGT-CDN1302W infrared body temperature screening thermal camera is a non-contact efficient temperature measurement system and screening device which specially designed for dense crowds in public places. Based on the accurate temperature measurement technology of the thermal imaging camera, it is can timely detect the people who with abnormal body temperature and then output alarm signal, so that can assist the supervisory authorities to implement the interventions and emergency measures, to prevent the spread of the virus in public areas. The camera can be widely used in airports, railway stations, subway stations, as well as other crowded areas such as schools and comprehensive parks, and so on. The whole system is include the infrared body temperature screening thermal camera, computer, the temperature measurement software, and so on

Feature

- ◆ **Security:** Infrared non-contact temperature measurement, reduce the risk of cross infection
- ◆ **Efficient:** It is can detect multiple people at the same time, the detection time is less than 1 second
- ◆ **Accuracy:** High-precision non-contact temperature measurement, error less than ± 0.3 °C
- ◆ **Intuitive:** high-resolution infrared imaging with large scenes, it is can accurately locks people who with abnormal body temperature
- ◆ **Intelligent dual sensor:** Intelligent algorithm for visible camera system and thermal imaging camera system, face detection, accurate temperature measurement, low false alarm
- ◆ **Intelligent Alarm:** Support temperature threshold setting and automatic screening warning mechanism, real-time alarm for abnormal body temperature.
- ◆ **Full-time work:** 7 × 24 real-time rapid body temperature screening, Early warning intervention
- ◆ **Traceability:** Combined with the software, it can trace back, analyze, and mine historical data
- ◆ **Scalable:** Can be linked with the emergency command system to achieve rapid response and real-time processing
- ◆ **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.

Technical Specification

Model	BAGT-CDN1302W
Product Performance	
Measurement range	30°C ~45°C
Accuracy	≤±0.3°C
Temperature display	Display the maximum temperature point
Temperature calibration	Calibration indication
Thermal Camera System	
Sensor	Uncooled vox sensor
Resolution	384*288
Spectral range	8μm ~ 14μm
Sensor Frame Rate	50HZ
NETD	≤50mK@25°C,F#1.0 (≤40mK for option)
Focal Length	10mm athermal lens
Full HD Visible Camera System	
CMOS	1/2.8 CMOS
Resolution	1920*1080
Pixels	2MP
Focal Length	13mm
Environments	
Working temperature	-20° ~ 50°
Humidity	≤95%
Ingress Protection	IP66, Anti-lighting TVS 6000V、Surge protection

Application

Airports, Railway stations, Passenger stations, Subway stations, and crowded areas such as schools and comprehensive parks

