IR236S

IR Fever Sensing System

Introduce

IR236S IR fever sensing system can monitor large-area even in crowded places to detect the fever people immediately, such as indicating possible presence of the fatal virus, such as SARS, Zika, Ebola and other human fever symptoms. IR236 IR fever sensing system is easy to operate and reliable, and a variety of alarm settings enable multi-point alarm and tracking to ensure that no targets are missed and also avoid the interference of other high temperature objects. Alarm images and video can also be uploaded to the monitoring center by the remote monitoring network for analysis and management. IR236 is the ideal equipment for security protection at airports, inspection and quarantine, and epidemic prevention departments.

Features

• Powerful software management and analysis functions
• Precise single point and multi-point high temperature automatic tracking alarm
• Black body temperature is read by WiFi in real time, which overcomes the traditional manual input mode and makes temperature measurement more accurate
• Low temperature detection and tracking device alarm function
• Face recognition detection function

Applications

• Control and reduce spread of fever, like Ebola Virus、SARS，Zika.
• Large area temperature monitoring in airport, port and bus station

Specifications

IR236S	
IR Detector	
Resolution	400×300
Pixel Size	25µm
Spectral Range	8µm~14µm
Focal Length	15mm
FOV	35.5°×26°
Frequency	25Hz
F #	1.0
Visible	
Resolution	1920×1080
Focal Length	2.8~12mm, 4X optical zoom
Blackbody	
Connection	Wi-Fi
Temperature stability accuracy	≤±0.3℃
Target surface uniformity	≤0.1℃
Temperature	
MRTD	< 550mk
Measurement Range	-10℃~50℃
Accuracy	-10℃~20℃ : ≤±2℃ ; 20℃~33℃ : ≤±0.6 ; 33℃~37℃≤±0.3℃ ; 37℃~50℃ : ≤±0.6℃
Temperature Calibration	Built-in and external black body, auto calibration
Interface	
IR head & main machine interface	Two way network interface RJ45，One way power interface
Main machine & Server interface	One way power interface RJ45
Software functions	
Parameter Settings	Color Palette setting，Video Adjustments, Alarm sensitivity setting，Mask area locate etc.
Temperature measurement	mouse temperature measurement，Temperature cursor stack，highest & lowest temperature on the screen
Alarm	Multiple alarm temperature points，Alarm screenshots，alarm switch、Alarm sound switch
Video	Video switch，Manual video，Automatic video
Historical data query	Query & Process historical alarm data
Correction of body surface temperature	Auto correction，Manual correction
Environment Characteristics	
Working Temperature	-10~50℃（circumstance temperature 16~32℃ accurate temperature measurement）
Storage Temperature	-20~60℃
Humidity	< 90%（Non - Condensing）
Shock	30g 11ms，IEC60068-2-27
Vibration	10HZ~150Hz~10Hz 0.15mm，IEC60068-2-6
Certification	
Certification	Medical device certification

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