

# IR236 IR Fever Warning System



Complete System

GUIDE IR236 IR Fever Warning System can be applied to mass fever screening in crowded public places, which help to detect people with a potential fever and may contain or limit the spread of the Coronavirus through identification of infected individuals showing fever symptoms. GUIDE IR236 combines advanced technology such as thermography human temperature detection algorithm and AI intelligent face tracking to make the equipment accurate and easy to use.

The IR236 equipped with various powerful functions. Multi-target tracking can ensure that no targets are missed. Custom warning zones and high-temperature shielding settings can avoid interference from other high-temperature objects. When detect the febrile people, it supports automatic warning, tracking and photo taking for storage. Support video recording. Convenient to query and classify management. GUIDE IR236 is the ideal equipment for epidemic prevention in public places such as airports, stations, factories, schools, commercial centers and more.



### Features

- Adopts 400x300 infrared uncooled VOx detector
- Automatically focus on a passenger's face and sound an warning when a person with a fever is identified
- Accurate single-point and multi-point high temperature tracking and warning
- AI deep learning algorithm based on neural network, more accurate temperature detection and lower false warning rate
- Equipped with black body, real-time temperature calibration, higher accuracy
- Stand-type, easy to deploy, standard PC with powerful analysis software

### Application

- Large-scale temperature screening of airports, railway stations and more. to control and reduce the spread of virus with fever symptom, such as Novel Coronavirus , Ebola, SARS and Zika, ...

## Specifications ▶

Model	IR236
<b>Thermographic parameters</b>	
Detector type	VOx
Detector resolution	400×300
Pixel size	17μm
Spectrum range	8μm ~ 14μm
NETD	≤40mK@30°C
Thermographic camera lenses	9.7mm, 38°×28°
Image flip	Available
Pseudo color	9 pseudo colors: White Hot, Black Hot, Fulgurite, Rainbow and so on
<b>Temperature measurement parameters</b>	
Measurement range	-10°C~50°C
Measurement accuracy	≤±0.3°C
Cold/hot spot tracking	Available
Full-screen point temperature measuring	Available
<b>Visible light parameters</b>	
Sensor type	1/2.8" CMOS
Maximum resolution	1920x1080
Visible light gain control	Auto/manual
Visible light noise reduction	2D/3D noise reduction
Backlight compensation	Available
Wide dynamic	Available
Strong-light photoinhibition	Available
Image flip1	Available
Exposure compensation	Available
Visible light lens	2.8mm to 12mm, 115°to 33.8°(near focus-far focus) ; 4.8mm to 120mm, 57.6 °to 2.5°(near focus to far focus) ; choose one of them
<b>Image parameter</b>	
Video compression standard	H.264
Image coding formats	JPEG
<b>Protocol and storage</b>	
Network protocol	IPv4, HTTP, RTSP, TCP, UDP, DHCP
Sdk/api	Push alarm images and temperature information using HTTP protocol
<b>System function</b>	
Language version	Chinese/English
<b>Hardware interface</b>	
Power interface	DC12V
Network interface	Two 100M/1,000m Ethernet ports
<b>Environmental parameters</b>	
Working temperature	-10 to 50°C (For accurate temperature measuring, ambient temperature is 16 to 32 °C)
Working humidity	≤ 95%, non-condensing
<b>Physical parameters</b>	
Product size	≤173mm × 184mm × 212mm
Net weight	≤45kg
Power consumption	≤12W
Installation mode	Wall mounting/ceiling mounting/vertical mounting
Software kit	PC software of automatic temperature measuring and alarm system
Standard	Thermographic camera/black body/PC/4-port switch/power cord and network cable/stand

