



IR236

INFRARED TEMPERATURE
MEASUREMENT SYSTEM

IR236

IR 236 system is capable to run spatial control in high density human environments, rapidly identify and track any person with a higher body surface temperature, which is among symptoms of unhealthy conditions including the new coronavirus type. The system is user friendly, stable and reliable Using warning settings, a warning/tracking signal can be issued to ensure that the target is not lost, and no response is needed against any exposure to high temperatures of other objects IR 236 is an ideal equipment to secure a safe environment in airports, railway stations, subways, shopping malls and business centers and to monitor conditions in quarantine areas, health institutions and epidemic prevention wards.

SOFTWARE FEATURES:

- Setting up alarm temperature thresholds and ranges, setting up number of alarms, setting up automatic cleaning of alarm pictures, setting up shielding against any object detection field involving temperatures beyond permissible limits;
- Real time temperature monitoring in any point of detection region;
- Human face recognition;
- Query, classification and deletion support for screen shot history of impermissible temperature alarms.

SPECIFICATION:

Detector Type	Uncooled Vanadium-Oxide Microbolometer
IR Camera Resolution	400 x 300
Temperature Sensitivity	40 μ K
IR Camera Focus	9.7 mm
IR Camera Field of View (deg):	38° x 28°
Frame Refresh Frequency, Hz	25
HS Camera Resolution	2 MP
HS Camera Focus	2.8 to 12 mm or 4.8 to 120 mm
HS Camera Field of View (deg):	115° x 33,8° or 57,6° x 2,5°
Temperature Measurement Range	Minus 5 °C to +50 °C
Calibration	Automatic Blackbody
Body Temperature Measurement Accuracy	max. \pm 0.3 °C for a surface blackbody or human body temperature of 33 °C to 37 °C
Interface	2 channels: visible-light camera – 100 Mbit/s; IR camera – 1000 Mbit/s
Data Transfer Protocol	Network protocol HTTP, RTSP
Camera Overall Dimensions	173 x 184 x 212 mm
Net Weight	max. 50 kg



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