TI60-P11B

Human body temperature measurement online monitoring thermal imaging camera

TI160-P11B is a non-contact human body temperature measurement system specially designed for human body inspection and quarantine sites. The system adopts infrared thermal imaging and high-definition visible light superposition technology, with online temperature measurement, temperature alarm, face recognition and other functions. It can be widely used in airports, stations, subways, hospitals, schools, shopping malls, enterprises and institutions and other densely populated places. This system can quickly screen fever patients among large-scale floating populations, help security inspectors and medical staff improve the efficiency of epidemic detection, build the first line of defense for epidemic prevention and control.

Features

External black body calibration accuracy $\pm 0.3℃$

Automatically recognize human face and display body surface temperature value to avoid false alarm

Mask detection function, alarm popover and voice prompt

Rich Web-side function settings

Support recording video for playback and query

Smart analysis list, face comparison

Query log and export, People counting

Applications

Shopping malls, complexes, cinemas

Security checkpoints in public places such as railway stations and subways

Office buildings

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Technical Specifications

Item	TI160-P11B
Application field	Large shopping malls, complexes, cinemas, railway stations, subways and other public places security checkpoints, large office buildings
Detector Data	
Type	Uncooled FPA
IR resolution	384×288
Pixel pitch	17μm
Spectral range	7.5 ~ 14μm
NETD/Sensitivity	65mK
Infrared lens	
FOV	40°× 30°
Minimum imaging distance	50cm
IFOV	1.889 mrad
Focus	Fixed
Lens Data	9mm
Visible light camera	
Sensor type	1/2.8"SONY Progressive Scan CMOS
Video compression standard	H.264/H.265/MJPEG
	H.265 encoding type: Main Profile
	H.264 encoding type: BaseLine Profile / Main Profile
Audio video	
Main stream	1920*1080/1280*720 (Frame rate1~30fps adjustable)
Sub stream	704*576/640*480/640*352/320*240 (Frame rate1~30fps adjustable)
Video bit rate	30Kbps ~ 16Mbps bit rate adjustable; Support fixed bit rate and variable bit rate
Video character overlay	Display the video channel name, time, date, Video stream, bit rate can be set
	Display position can be set
Image auto adjustment function	Auto exposure (AEC), auto white balance (AWB), Auto gain (AGC)

Image adjustment	Color saturation, brightness, contrast, hue, sharpness, Gamma, digital wide dynamic
Audio compression format	G.711A/G.711U/G.726
Storage type	Video/picture
Recording settings	Support
Network protocol	TCP/IP, UDP, RTP, RTSP, RTCP , HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP
ONVIF protocol	Support PROFILE S
Remote browsing	
Computer	Support IE6.0 and above version, Firefox, Google
Online browsing users	Support up to 5 users
Shell applicable environment	Aluminum alloy material, suitable for outdoor
Installation mode	Bracket installation
Temperature range	30~45℃ error ±0.5℃ External blackbody mode accuracy±0.3℃ (External black body correction mode ±0.3℃)
Working environment	16℃ ~ 35 ℃
Humidity	0% -85% RH
Power supply	DC12V 2A
Power consumption	<12W
Size	L335×W189×H107mm
Weight	<2500g