

Body Screening System



Features

- "IR temperature alarm IP camera + HD RGB camera" body screening camera, integrating IR imaging, temperature measuring, facial recognition etc. all in one.
- IR+EO same field of view display.
- Precise temperature screening capability with accuracy $\leq 0.3^{\circ}\text{C}$ with imbedded auto-correction algorithm to remain stable operations.
- Real-time ($\leq 30\text{ms}$) temperature measurement with multiple people being detected at the same time.
- Audio alarm

Applicable Sites

Customs, schools, airports, train stations, bus stops and other public places with big streams of people

Parameters

	Parameters	Description
IR sensor	Detector	Un-cooled FPA
	Materials	VoX
	Pixel	400×300
	Resolution	704x576
	Size of pixels	17um
	Waveband	8~14um
	NETD	40mK
	Data frequency	50/60Hz
	Lens	8mm
	Focusing type	Manually
	FOV	46°×35°
	F value	1.0
	Display modes	Black hot/white hot/rainbow/iron red/customization (up to 17 pseudo color display modes)
EO sensor	Effective pixels	200W 1920(H)×1080(V)
	Wide dynamic range	> 120dB
	SNR	> 55dB
	Diaphragm	Auto/manual
	Low-illumination	Color: 0.1Lux,(F1.2,AGC ON); Black and white: 0.01Lux (F1.2,AGC OFF)
	White night mode	With movable optical filter that could auto switch between

		day and night
	DNR	3D/2D
	Auto-zoom	2.8MM-12MM
	Image setting	Sharpness, saturability, brightness, gain, shutter adjustable
Temperature measurement	Temp measurement	Body temperature screening
	Alarm	Over temperature alarm, temperature difference alarm
	Accuracy	≤0.3℃ (emissivity, distance, environment)
	Multi-people detection	Up to 16 people
	Reaction time	≤30ms
	Operation environment	-20℃~+60℃
	Object being detected	object>5℃, display absolute temperature value
	Temp measure range	-20℃~+60℃
Encode	Video	H.265/H.264//MJPEG
	Audio	G.711:8kbps; RAW_PCM:16kbps
	Resolution/frequency	1080P/30fps(EO) , D1/30fps (IR)
	Mode	PAL/NTSC
	Multibit rate	Support
	Code rate control	CBR/VBR
Functions	Face detection	Auto detect people's face and took snapshot
	Alarm types	Motion detection alarm, I/O alarm, disk alarm, intelligent analysis alarm, temperature alarm
	Alarm analysis	Zone invade, warning line, dual warning lines, staff left, staff moving
	Time quantum setting	Support
	Measurement zone setting	5 zones, size adjustable
	Character display	Temperature, time, date, channel#, channel name and customized notes
IP	IP protocol	IPv4、RTSP/RTP/RTCP、TCP/UDP、HTTPS、DHCP、DNS、DDNS、PPPoE、SMTP
	Users access	10 channels
	Authorities	2 levels: administrator and standard user and administrator could distribute authorities of users
	Support SDK development	Linux C /windows C&C++ SDK
	Protocol	ONVIF/international GB/T28181 (customization available)
Interfaces	Ethernet	RJ-45, 10/100Base-T
	Audio	1 channel for audio input, 1 for audio output, support bothway audio
	Alarm	2 channels for alarm in and output
	Video output	BNC, 75 ohm
	Pod control	RS485
	SD card	Micro SD card/HCSd card up to 128GB
Physical character	Power	DC12V/POE
	Power consumption	≤10W
	Working temperature	-30℃~+60℃
	Working condition	Indoor
	Working humidity	RH90% MAX
	Installation	Fix to wall
	Shelter	Cartoon panda
	Weight(with no wall holder)	2.12Kg
	Protection level	IP66
Size(with no wall holder)	212 x 182 x 136mm(L x W x H)	

Dimensions (mm)

