Dual-spectrum Thermal Camera

Main Feature

※ Non-contact rapid screening, full real-time temperature measurement to avoid cross-infection
※ Long-distance, large-area detection, accurate and rapid screening
※ Up to 300 people can be detected per minute
※ Multi-point abnormal body temperature alarm, visible light display temperature measurement and alarm, high temperature measurement accuracy
※ Continuous video, historical trace can be checked
※ Automatically capture when alarm
※ Support face recognition combined with body temperature reporting to complete body temperature measurement registration
※ Can detect that the mask is not worn and alarm
※ Temperature measurement accuracy≤±0.3℃
※ Can be deployed quickly with clients such as computer and TV

Dual-spectrum Thermal Imaging Camera is a thermal imaging thermometer for monitoring scenes where multiple people enter and exit at the same time. The product has high precision thermal imaging, multi people temperature measurement, real-time temperature measurement, multi-point abnormal body temperature alarm, visible display temperature measurement and alarm data, continuous recording, automatically capture when alarm, face detection, face recognition, and intelligent detection of mask wearing and other functions, can efficiently complete non-contact personnel temperature rapid screening and human temperature measurement registration in public places with a large flow of people. It is convenient and quick to deploy and has rich application scenarios.

Application Industry

| Railway Station | Bus Station | Airport | School | Hospital | Government Agency | Bank | Community | Factory | Office Building | Shopping Mall | Supermarket |

Product Parameters

Model		TSC620-K-2H
Video of Visible Light	Sensor	1/1.8" CMOS 200W
	Encoding Resolution	1920×1080，1280×720
	Encoding Algorithm	H.264/H.265
	Frame Ratio	1~30 fps adjustable
	Focus	6mm
Thermal Imaging	Detector Type	Long wave infrared uncooled focal plane array
	Resolution	640×480
	Pixel Size	12μm
	NETD	<60mk@25℃, f1.0
	Working Spectrum	8-14μm
	Nonuniformity Correction	Shutter
	Lens	3.2mm
Temperature Measurement	Range	+32℃~+42℃
	Accuracy	±0.3℃
	Distance	≤5 meter
Intelligent Application	Face Detection	Support
	Face Recognition	Support
	Mask Wearing Detection	Support
Others	Network	10/100M Ethernet, RJ45 female port
	5G/4G	5G or 4G network is optional
	Power Supply	12V DC power supply, DC5.5*2.1 female port
	Power Consumption	Typical power consumption ≤10W
	Working Temperature	With black body: 0℃~+40℃, without black body: +10℃~+30℃
	Total Weight	2.4Kg
	Size	365mm×216mm×138mm

Product Model

Model	Description
TSC620-K-2H	Support multi people temperature measurement, support multiple intelligent algorithm applications such as face detection, face recognition, mask wearing detection, etc.
TSC620-K-NA1-2H	Support multi people temperature measurement, support multiple intelligent algorithm applications such as face detection, face recognition, mask wearing detection, etc., 5G version