



AI Binocular Thermal Imaging System

High-precision body temperature measurement



Detection of 20-30 faces

ACS-KAB02

Body Temperature Detection Network Camera



High and low temperature tracking



Accuracy $\pm 0.3^{\circ}\text{C}$



Real-time image transmission



High temperature alarm

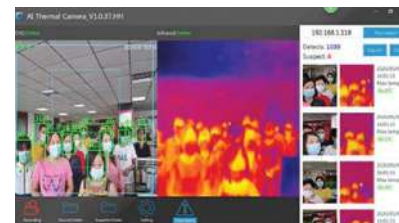


256X192 High resolution



Temperature range -15°C to $+150^{\circ}\text{C}$

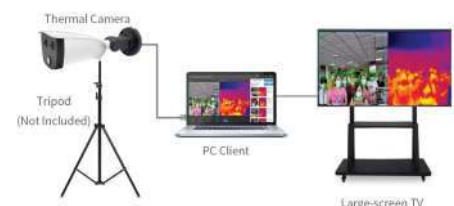
- Non-contact High-accurate Body Temperature Measurement 35°C - 38°C , Accuracy $\pm 0.3^{\circ}\text{C}$.
- AI Screening 20-30pcs Human Faces Simultaneously and Snapshot.
- Alarm Output if Abnormal Temperature Detected.
- Voice Broadcast.
- Fire Alert.
- Third-party Platform Docking.
- Can Record Identification Information and Temperature Information for Future Search.
- Protection Level IP67; TVS 6000V Lightning Protection, 2K Surge Protection and Voltage Transient Protection
- Power Consumption $\leq 5\text{W}$
- Dimension(Product) 246x101x81mm(with bracket)
- Weight 1.5KG(including package)



ระบบ AI อัจฉริยะ

ตรวจสอบวัตถุคนกลุ่ม พร้อมจับภาพใบหน้าบันทึกข้อมูล มีระบบแจ้งเตือนเมื่อมีผู้ป่วยเกินที่ผ่าน Alarm มีเซนเซอร์ตรวจจับเฉพาะส่วนศีรษะเท่านั้น

Measurement system Composition structure support automatic capture of moving face targets



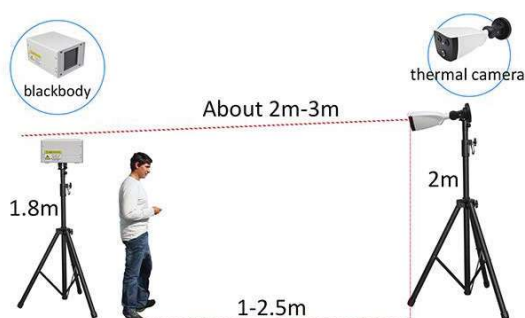
COVID-19

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02-1054034

www.turnstilecenter.com



Product description

Thermal

Image Sensor	Vox Uncooled Focal Plane Arrays
Resolution	256x192
Pixel Interval	12pm
NETD	Less than 60 mK (@25°C.F#=1.1)
Aperture	F1.0
Field of View	35° x 27° (H x V)

Optical

Image Sensor	1/2.8" 2.0M Pixel CMOS
Resolution	1920x1080P
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), B/W 0.001 Lux @ (F1.2, AGC ON)
Field of View	84° x 45° (H x V)
Focal Length	4mm
Shutter Speed	1s to 1/100,000s
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Daylight Lamp/Sodium Lamp
Day& Night	ModeIR cut filter with auto switch
WDR	80 dB

Feature

Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
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Smart Function

Face snapping	Built-in deep learning AI algorithm, Supports simultaneous detection of 20-30 faces
Temperature Measurement	Support global and local temperature
Temperature Range	From -15°C to +100°C
Temperature Accuracy	Target temperature 35°C A 38°C $\pm 0.3^{\circ}\text{C}$

Network

Main Stream	Thermal: 25fps(1920 x 1080, 1280 x 720)
Sub Stream	Thermal: 25fps(704 x 576, 352 x 288)
Video Compression	H.264 (Baseline/Main/High Profile) /MJPEG/H.265
Temperature Accuracy	Target temperature 35°C A 38°C $\pm 0.3^{\circ}\text{C}$
Audio Compression	G 711u/G711a/G.7221/MP2L2/G.726/PCM
Protocols	TCP/IP, ONVIF, GB/T 28181, DHCP, RTP, RTSP, PPPoE, UPnP, UDP
API	ONVIF (Profile S, Profile G, Profile T), SDK

General

Web Client Language	languages English, Chinese
Power	DC 12V, 0.65A
Work Temperature/Humidity	From -20°C to 55°C; Humidity: 95% or Less
Protection Level	IP66
Dimension	246 mm x 101 mm x 81 mm
Weight	Approx. 1.0 kg