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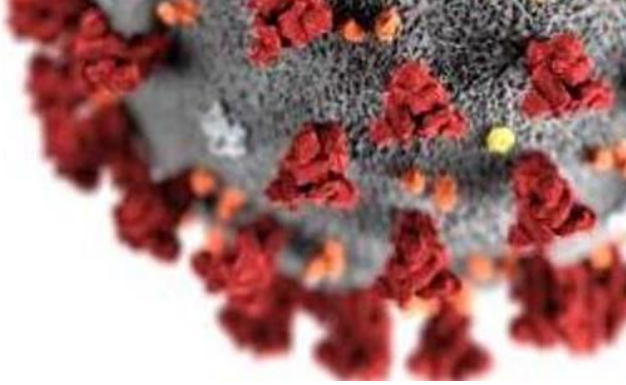
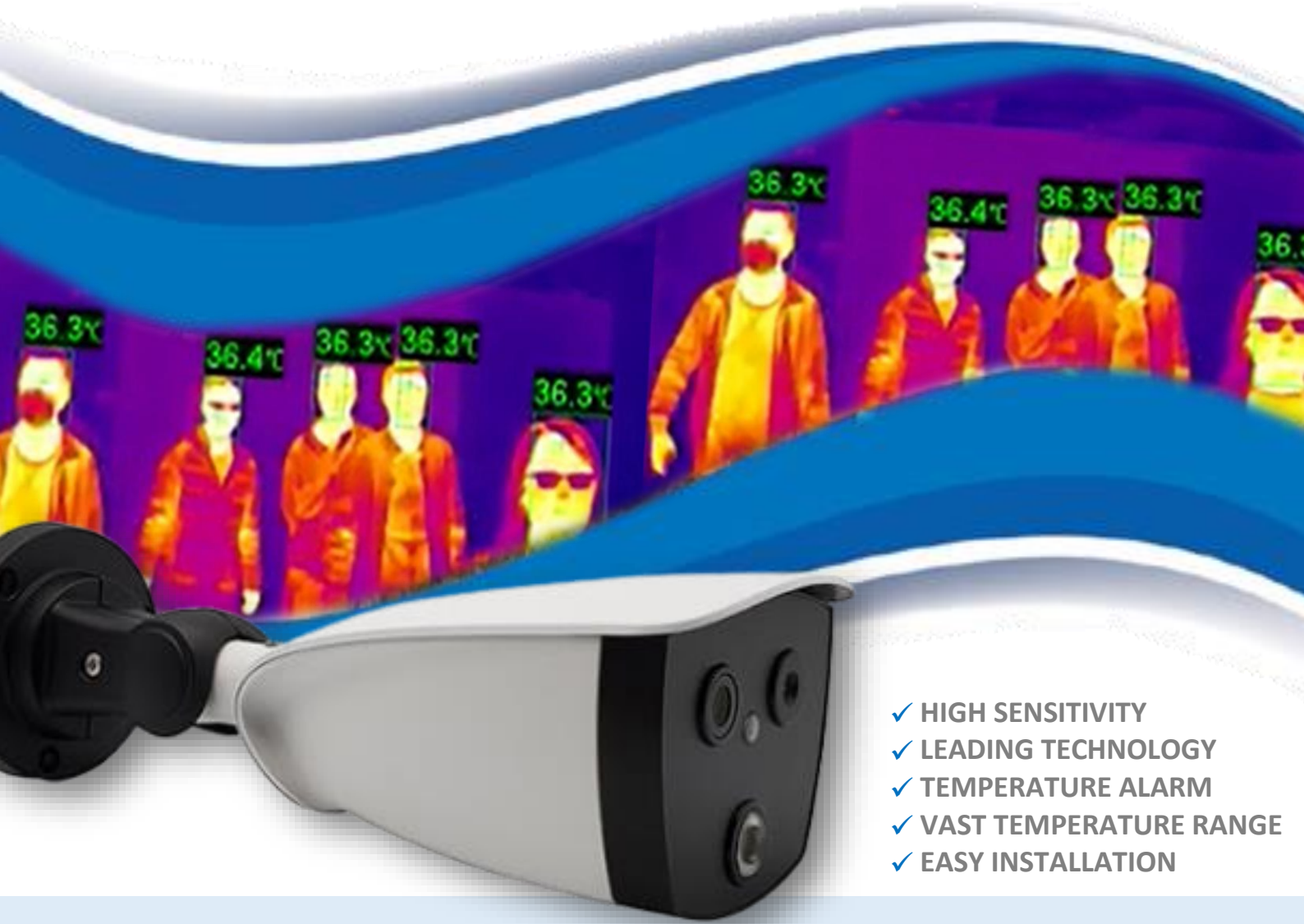
Innovating Energy Technology



ThermalCheck++

AI BINOCULAR THERMAL IMAGING SYSTEM



- ✓ HIGH SENSITIVITY
- ✓ LEADING TECHNOLOGY
- ✓ TEMPERATURE ALARM
- ✓ VAST TEMPERATURE RANGE
- ✓ EASY INSTALLATION

FACE RECOGNITION | OUTDOOR FRIENDLY | DETECT LARGE CROWD | SAVE LABOUR COST | CONTACTLESS

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ThermalCheck++

AI BINOCULAR THERMAL IMAGING SYSTEM

How do you temperature screen large crowds?

Our Infrared Thermal Camera uses front-end visible light together with infrared dual spectrum vanadium oxide high-precision temperature sensing probes and the most advanced **FLIR** infrared chip technology from the United States. No external black body is required and automatically calibrated internally.

Features

- **High Sensitivity Thermal Module** with 256 x 192 resolution NETD is less than 60 mk (@25° C, F#=1.0)
- Supports contrast adjustment
- **Leading Thermal Image Processing Technology**, Adaptive AGC, DDE, 3D DNR
- Up to 15 palettes of adjustable colour
- **Reliable** temperature-anomaly alarm
- Temperature range from -15°C to +150°C
- **High Quality** optical module with 2 MP resolution
- Bi-spectrum image fusion, picture-in-picture preview
- **Contactless** and handsfree
- Highly efficient providing **Labour Cost Savings**
- Suitable Indoors & **Outdoors**
- **Automatic** image acquisition, face detection, face mask detection, face recognition comparison, body temperature detection, snap shot for abnormal body temperature
- **High Precision** temperature sensing up to ±0.1°C accuracy
- Detection distance can reach 5 meters
- **Multiple-Target Simultaneous** detection, up to 5 persons simultaneously
- **Detects 160 – 200 People** per minute

Scope of Application:

Office Building | Hotel | Airport | School
Shopping Mall | Community Centre | Public Service | Factory

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Technical Specifications:

Model	ThermalCheck++ (AI Binocular Thermal Imaging System)		
	FB-TC01		
Thermal		**Feature**	
Image Sensor	VOx Uncooled Focal Plane Arrays	Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
Resolution	256×192		
Pixel Interval	12μm	Picture in Picture	Combines details of thermal and optical image PIP, overlay thermal image on optical image
NETD	Less than 60 mK (@25°C,F#=1.1)		
Aperture	F1.0	**Smart Function**	
Field of View	35° × 27° (H × V)	Face snapping	Built-in deep learning AI algorithm, Supports simultaneous detection of 20-30 faces
Optical			
Image Sensor	1/2.8" 2.0M Pixel CMOS		
Resolution	1920×1080P	Temperature Measurement	Support global and local temperature
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON)	Temperature Range	From -15°C to +150°C
Field of View	84° × 45° (H × V)	Temperature Accuracy	Target temperature 35°C ^ 38°C ±0.3 °C. Target temperature 20°C ^ 33°C ±0.6 °C. Target temperature 38°C ^ 50°C ±0.6 °C.
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	**General**	
		Web Client Language	Languages in English, Chinese
Day & Night	ModeIR cut filter with auto switch	Power	DC 12V, 0.65A
WDR	80 dB	Work Temperature / Humidity	From -20°C to 55°C; Humidity: 95% or Less
Network		Protection Level	IP67
Main Stream	Thermal: 25fps (1920 × 1080, 1280 × 720)	Dimension	246 mm × 101 mm × 81 mm (with bracket)
Sub Stream	Thermal: 25fps (704 × 576, 352 × 288)	Weight	Approx. 1.0 kg
Video Compression	H.264 (Baseline/Main/High Profile) /MJPEG/H.265		
Audio Compression	G .711u/G.711a/G.722.1/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		

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View of product:

View in Computer:

Find out MORE!

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