

MP-BF502AI-TM

2MP AI Binocular Fever Detecting Thermal Camera



FEATURES

- Non-contact High-accurate Body Temperature Measurement 35°C-38°C, Accuracy $\pm 0.1^{\circ}\text{C}$).
- Face Recognition, Can Detecting 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.

Model NO	MP-BF502AI-TM
Thermal	
Sensor	VOx Uncooled Thermal Sensor Technology
Resolution	352x288
Pixel Interval	12 μm
Detecting Range	-15°C ~ 550°C
Detection Accuracy	Target Temperature: 35°C-38°C, accuracy $\pm 0.3^{\circ}\text{C}$; Target Temperature: 20°C-33°C or 38°C-50°C, accuracy $\pm 0.6^{\circ}\text{C}$; Other Temperature: Accuracy $\pm 2^{\circ}\text{C}$
Focal Length	2.0mm/3.2mm/4.3mm optional

Image Mode	Blackhot / Whitehot / Ironrow / Rainbow and etc, multi-color modes selectable
Optical	
Image Sensor	1/2.8" Progressive Scan CMOS
Resolution	1920x1080P@25fps
Focal Length	4mm
Field of View	Horizontal Angle:84°, Vertical Angle:45°
Mini. Illumination	0.005Lux@F1.2 Color mode, 0.001Lux@F1.2(B/W)
WDR	DWDR
Noise Reduction	2D DNR;3D DNR
BLC	Yes
Dynamic Range	≥80dB
S/N Ratio	≥46dB (AGC OFF)
AI	
Face Snapshot	Built-in DL AI algorithm, support 20-30pcs faces detection simulatenously, face detection, exposure, score, screening, Snapshot and upload, support FTP, HTTP, etc multi-method to upload human face,shoulder, above the waist, whole body,original pic, etc pictures.
Face Recognition	Support,Built-in 50000pcs face datebase
Function	
Temperature Detection	Support detection of all monitoring area or specified area
Abnormal Temperature Alarm	High temperature limits, Low temperature limits, the temperature difference of specified zone
Network Protocol	Support RTSP, RTP, TCP, UDP, UPNP, DHCP, PPPoE, ONVIF, GB/T 28181 protocol etc.
CVBS Output	BNC port
Network Interface	1CH 10/10 BaseT Ethernet, RJ45 port
Alarm Interface	1CH input/output
Audio Interface	1CH input/output
General	
Working Temperature	-20°C ~55°C
Working Humidity	0%-90% RH
Protection Level	IP67; TVS 6000V Lightning Protection,2K Surge Protection and Voltage Transient Protection
Power Consumption	≤5W
Dimension	246x101x81mm
Weight	<1kg