

MP-BF503AI-TM

AI Binocular Fever Screening Thermal Camera



FEATURES

- 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.

Model NO	MP-BF503AI-TM
Thermal	
Sensor	VOx Uncooled Thermal Sensor Technology
Resolution	256x192
Pixel Interval	12 μm
NETD	$\leq 60\text{mk}$ (@25°C, F#=1.0)

AI Thermal Series | MP-BF503AI-TM

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 $\pm 2^{\circ}\text{C}$
Field of View	Horizontal Angle:35°, Vertical Angle:27°
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	$\geq 80\text{dB}$
S/N Ratio	$\geq 46\text{dB}$ (AGC OFF)
AI	
Face Snapshot	Built-in DL AI algorithm, support 20-30pcs face screening 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.
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 protocol etc.
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	$\leq 5\text{W}$
Dimension(Product)	246x101x81mm(with bracket)
Weight	1.5KG(including package)