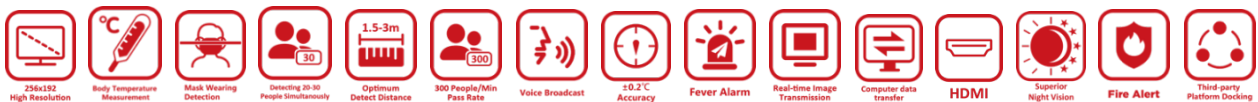


MP-BF505AI-TH

AI Binocular Fever Screening Thermal Camera with HDMI



FEATURES

- No Need Computer, No Need Software.
- Non-contact Body Temperature Measurement 35°C-38°C, Accuracy $\pm 0.3^{\circ}\text{C}$, 1.5-3m Optimum Detect Distance.
- Multi-targets Screening 20-30pcs Human Faces Simultaneously and Snapshot, Fast Screening within 0.05s.
- AI Mask Recognition.
- Fever Alarm, Real-time Voice Broadcast or Picture Alarm Output.
- 100000PCS Detecting Records Storage, Computer Data Transfer.
- Fire Alert Optional.
- It can record face pictures and temperature information for future inquiry.

Model NO	MP-BF505AI-TH
Thermal	
Sensor	VOx Uncooled Thermal Sensor Technology
Resolution	256x192
Pixel Interval	12 μm
NETD	$\leq 60\text{mk}$ (@25°C, F#=1.1)
Detection Accuracy	Target Temperature:35°C-38°C, accuracy $\pm 0.3^{\circ}\text{C}$;
Detection Distance	1.5-3meters
Field of View	Horizontal Angle:56°, Vertical Angle:42°
Optical	

Image Sensor	1/2.8" 2.0MP Progressive Scan CMOS
Resolution	1920x1080P@25fps
Focal Length	4mm
Field of View	Horizontal Angle:84°, Vertical Angle:45°
Mini. Illumination	0.05Lux@F1.2 Color mode
WDR	DWDR(≥80dB)
Noise Reduction	2D DNR;3D DNR
BLC	Yes
S/N Ratio	≥46dB (AGC OFF)
AI	
Face Snapshot	Built-in DL AI algorithm, support 20-30pcs face screening simulatenously, face detection, screening, Snapshot
Mask Recognition	Support
Function	
Temperature Detection	Support detection of all monitoring area or specified area
Abnormal Temperature Alarm	Voice alarm for high body temperature (the default alarm threshold is 37.3°C)
Video Storage	Support PC client manual recording
Temperature mode	°C/°F optional
Face Captured	Support
Detect Sound Prompt	Support PC Client voice broadcast prompt output
Intelligent Display	PC client support optional display normal or alarm image
Network Protocol	Support TCP/IP,UDP,HTTP,DHCP,RTSP,NTP protocol etc.
Network Interface	1CH 10/100 BaseT Ethernet, RJ45 port
Alarm Interface	1CH switch alarm output,Support connect to external sound and light alarm
Audio-video Interface	1CH HDMI output
Storage	Built-in EMMC storage, max 100000pcs detecting records storage
General	
Working Temperature	-10°C ~35°C
Working Humidity	0%-90% RH
Protection Level	IP64; TVS 6000V Lightning Protection,2K Surge Protection and Voltage Transient
Power Consumption	≤5W
Dimension(Product)	162x86x77mm
Weight	<1KG