

DUAL LENS TEMPERATURE DETECTING THERMAL CAMERA WITH ALARM

VP-NC71572B-ZFMTHS9 Dual Imaging Thermal Camera



FEATURES

AI based body temperature measurement system for epidemic fever detection

High Definition 2MP (1920 x 1080) resolution

Dual Lenses-2.7-12mm motorized lens optical imaging, 8mm fixed lens thermal imaging

Integrated temperature calibrator & accuracy amplifier for precise measurement up to $\pm 0.3^{\circ}\text{C}$

Efficient preliminary screening of targets with elevated body temperature & without face masks

Non-contact measurement to reduce risk of catching infection through physical contact

Real time monitoring through AI video management software



TECHNICAL SPECIFICATIONS

VP-NC71572B-ZFMTHS9

Thermal Camera	Detector Type	Uncooled IRFPA Microbolometer
	Effective Pixels	400(H) × 300(V)
	Pixel Size	17μm
	Thermal Sensitivity (NETD)	≤40mK @F1.0, 300K
	Spectral Range	8~14um
	Image Setting	Polarity LUT/ DVE/ Mirror/ FCC/ /3D DNR Brightness/Contrast/ ROI
	Color Palettes	Black-Heat /White-Heat/Rainbow/Iron-Red up to 17 modes
	Focus Control	Manual Focus
	Focal Length	8mm
	Human Temp. Detection	3-5 Mtrs
	Angle of View	H: 46°, V: 35°
Visible Camera	Image Sensor	1/2.8" Sony CMOS Progressive Scan Sensor
	Effective Resolution	1920(H)×1080(V)
	Signal System	PAL/NTSC
	Shutter Speed	1/5 ~ 1/20,000s
	Wide Dynamic Range	120dB True WDR
	Min. Illumination	Color: 0.1Lux @(F1.2, AGC ON) B/W: 0.01Lux @(F1.2, AGC ON)
	S/N Ratio	55dB
	Focal Length	2.7 ~ 12mm motorized lens
	Max Aperture	F1.6~ F2.9
	Angle of View	H: 89° ~ 33°, V: 48° ~ 18°
	Optical Zoom	Motorized Zoom
	Focus Control	Motorized Optical Zoom Adjustment
Video and Audio	Compression	H.265, H.264, MJPEG
	Frame Rate	Main Stream: Thermal: D1 @25/30fps Visible: 1920x1080/1280x720 @25/30fps Sub Stream: : Thermal: CIF @25/30fps Visible: D1/VGA/640x360/CIF/QCIF/QVGA@25/30fps
	Bit Rate Control	CBR/VBR
	Bit Rate	Main stream:Thermal: 100Kbps~6Mbps, Visible: 100Kbps~12Mbps Sub Stream: Thermal: :10Kbps~1.5Mbps, Visible: 10Kbps~6Mbps
	Audio Compression	G.711, RAW_PCM
Features	Region of Interest	8 Zones supported
	Defog	Supported
	Digital Zoom	16x
	Mirror	Supported
	Motion Detection	Supported
	Privacy Masking	4 Areas supported
	DVE Image Enhance	Supported
	Alarm	Motion detection, Disk alarm, I/O alarm, Temperature alarm
Temperature Detection	Detection Mode	Body temperature monitoring
	Face detection	Supported
	Temperature Alarm	Over temperature alarm
	Accuracy	±0.3°C (Emission rate, distance, ambient temperature, etc.)
	Response Time	≤30ms
	Enviroment Temperature for Measurement	0 °C ~ 35 °C (32°F ~ 95°F)

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Network	Ethernet	RJ-45 (10/100Base-T)
	Protocols	IPv4/IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, SIP ,802.1x
	System compatibility	ONVIF
	Streaming Method	Multicast
	User Access	Max 10 users
	Web Viewer	Internet Explorer, Mozilla Firefox, Google Chrome
Smart Analytics	Smart Features	Smart Body Detection, Perimeter ,Single Virtual Fences ,Double Virtual Fences ,Object Left ,Object Removed
Interface	Audio Interface	1ch Audio In,1ch Audio Out
	Alarm	2ch Alarm In,2ch Alarm Out
	RS485	Supported
	Reset Button	Support (Built-in)
General	Power Requirement	DC12V/POE (IEEE 802.3af)
	Power Consumption	Max 18W
	Operating Temperature	0 °C ~ 35 °C
	Operating Humidity	90% or less (non-condensation)
	Enclosure	IP66 Weather proof outdoor enclosure
	Color	White
	Dimensions	380x244x142 mm
	Weight	2.26 kg
Certifications	Certifications	UL, CE, FCC, RoHS

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary.

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