

Thermographic Body Temperature Measurement Dome IP Camera

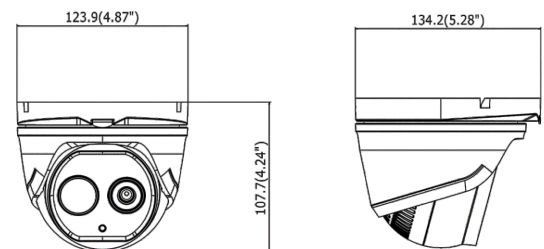
Smart Function (Thermal Imaging)

- Leading image processing technology: Adaptive AGC, DDE, 3D DNR, NETD less than 40 mk (0.04°C), F#=1.1
- Powerful behavior analysis function, based on deep learning algorithm: Line crossing, Intrusion, Region Entrance & Exit
- Temperature range: 30°C to 45°C
- Temperature accuracy: +/- 0.5°C
- Temperature exception alarm
- Bi-spectrum image fusion, picture in picture preview

Thermal Imaging Module Function

- 160 × 120 resolution sensor, high sensitivity sensor, support contrast adjustment
- Shutter adjustment in various modes
- 3D DNR, 15 palettes of color adjustable, image detail enhancement

Dimensions



Unit: mm(inch)

Technical Specifications

Thermal Module

Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Max. Resolution	160 x 120 (output resolution 320 x 240)
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD	less than 40 mk (@25°C, F#=1.1)
Lens (Focal Length)	6.2 mm
MRAD	2.74 mrad
Field of View	25° × 18.7° (H × V)
Min. Focusing Distance	0.6 m
Aperture	F 1.1

Technical Specifications

Optical Module

Max. Image Resolution	2688 x 1520
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.002 Lux @(F1.2,AGC ON), B/W: 0.002 Lux @(F1.2, AGC ON)
Shutter Speed	1s to 1/100,000s
Lens (Focal Length)	8 mm
Field of View	39.4° × 22.1°(H × V)
WDR	120 dB True WDR
Day & Night	IR cut filter with auto switch

Image Function

Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
Picture in Picture	Combines details of thermal and optical image PIP, overlay thermal image on optical image

Smart Function

Temperature Measurement	3 temperature measurement rule types, 21 rules (10 points, 10 regions, and 1 line).
Temperature Range	10°C to +35°C
Temperature Accuracy	± 0.5°C

Infrared

IR Distance	Up to 15 m
IR Intensity and Angle	Automatically adjusted

Network

Main Stream	Visible Light: 50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) Visible Light: 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720) Thermal: 25fps (160 x 120) output resolution 320 x 240
Sub Stream	Visible Light: 50Hz: 25fps (704 × 576, 640 × 480) Visible Light: 60Hz: 30fps (704 × 576, 640 × 480) Thermal: 25fps (160 x 120) output resolution 320 x 240
Video Compression	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Base line/Main/High Profile
Audio Compression	G.711u/G.711a/G.722.1/MP2L2/G.726/PCM
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS,NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 20
User/Host level	Up to 32 users, 3 levels: Administrator, Operator, User
Security Measures	User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1x access control, IP address filtering

Technical Specifications

Integration

Alarm Input	1-ch input (0-5V DC)
Alarm Output	1-ch relay outputs, alarm response actions configurable
Alarm Action	SD recording/Relay output/Smart capture/FTP upload/Email linkage/audio alarm, white light alarm
Audio Input	1 3.5mm Mic in/Line in interface. Line input: 2-2.4 V[p-p], output impedance:1KΩ±10%
Audio Output	Linear Level; Impedance: 600Ω
Reset	1 Reset Button
Ethernet	1 RJ45 10M/100M Self-adaptive Ethernet interface, 1 RS-485 interface
SD Memory Card	Built-in Micro SD card slot, support Micro SD/SDHC/SDXC card (up to 256G), support manual/alarm recording
Analog Video Output	1.0V [p-p]/75Ω, PAL/NTSC
Application Programming	Open-ended API, support ISAPI, SDK and third-party management platform
Web Browser	IE9+, chrome31-chrome44, Firefox 30-Firefox51, Safari 5.02+(mac)

General

Menu language	English
Power	12 VDC± 20%, two-core terminal block; PoE (802.3af, class 3)
Power Consumption	12 VDC± 20%: 0.7 A, max 8W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8.5W
Working Temperature/Humidity	-30 °C to 60 °C, 95% or less
Protection Level	IP66 Standard TVS 6000V Lightning protection, surge protection, voltage transient protection
Dimensions	134 mm × 124 mm × 108 mm
Weight	Approx. 800 g