

Thermographic Body Temperature Measurement Weatherproof IP Camera

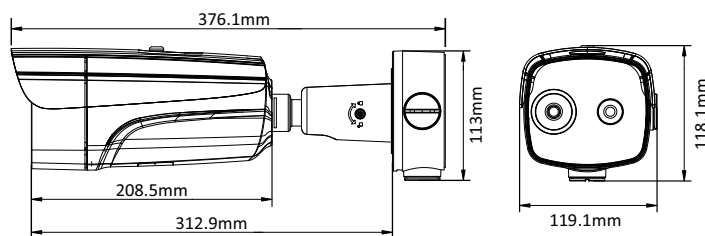
Smart Function (Thermal Imaging)

- Leading image processing technology: Adaptive AGC, DDE, 3D DNR, NETD less than 35 mk @ 25°C, F#=1.0
- 384 x 288 high resolution in thermal channel, high sensitivity sensor
- Temperature range: 30°C to 45°C
- Temperature accuracy: +/- 0.5°C
- Temperature exception alarm
- Bi-spectrum image fusion, picture in picture preview
- 3D DNR image detail enhancement

Thermal Imaging Module Function

- 384 x 288 resolution sensor, high sensitivity sensor, support contrast adjustment
- Shutter adjustment in various modes
- 3D DNR, 15 palettes of color adjustable, image detail enhancement
- Mirror image, digital zoom x2, x4, x8

Dimensions



Technical Specifications

Thermal Module

Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Max. Resolution	384 x 288
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD	less than 35 mk (@25°C, F#=1.0)
Lens (Focal Length)	15 mm
MRAD	1.13 mrad
Field of View	24.5° x 18.5° (H x V)
Min. Focusing Distance	2.5 m
Aperture	F 1.0

Technical Specifications

Optical Module

Max. Image Resolution	2688 x 1520
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.0089 Lux @(F1.6,AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)
Shutter Speed	1s to 1/100,000s
Lens (Focal Length)	6 mm
Field of View	51.7° × 28°(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	30°C to +45°C
Temperature Accuracy	±0.5°C

Infrared

IR Distance	Up to 50 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: 1280 x 720, 704 x 576, 640 x 480, 352 x 288, 320 x 240
Sub Stream	Visible Light: 50Hz: 25fps (704 × 576, 352 × 288, 176 × 144) Visible Light: 60Hz: 30fps (704 × 576, 352 × 288, 176 × 144) Thermal: 704 x 576, 352 x 288, 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	2-ch inputs (0-5V DC)
Alarm Output	2-ch relay outputs, alarm response actions configurable
Alarm Action	SD recording / Relay output / Smart capture / FTP upload / Email linkage
Audio Input	1 x 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 128G), 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. ONVIF (Profile S, Profile G, Profile T)
Web Browser	IE 8-11, Chrome 41-44, Firefox 30-51

General

Menu language	32 Languages
Power	24VAC ± 25%, 12 VDC ± 25%, two-core terminal block; PoE (802.3af, class 3)
Power Consumption	18 VAC to 30 VAC: 0.38A to 0.22A, max. 9W 9 VDC to 15 VDC: 0.63 A to 1.06A, max. 9W PoE (802.3af, class 3): 44 V to 57 V, 0.22 A to 0.17 A, max. 9.5W
Working Temperature & Humidity	10°C to 35°C (Indoor and windless environment use only), Humidity 95% or less
Protection Level	IP66 Standard TVS 6000V Lightning protection, surge protection, voltage transient protection
Dimensions	376mm × 119 mm × 118 mm
Weight	Approx. 1.82 kg