

# BODY TEMPERATURE DETECTION NETWORK CAMERA



## FEATURES

- On-Board Temp-Detection Algorithm
- One IP Address Two Channels
- Effective Pixels 400 x 300
- Sensitivity 40mK
- Thermal : 8mm Fixed Lens,  
Visible : 2.7-12mm Motorized Lens
- Accuracy 0.3°C
- Body Detection up to 16 Targets
- Response Time 30ms
- 17 Color Control



Thermal  
Detection



CMOS



Wide Dynamic  
Range



IP66



16x Zoom

## Technical Specification

### Thermal Camera

Detector Type	Uncool IRFPA Microbolometer
Effective Pixels	400(H) ×300(V)
Pixel Size	17um
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

### Thermal Lens

Lens Type	Fixed
Focus Control	Manual Focus
Focal Length	8mm
F No.	F1.0
Angle of View	H: 46°, V:35.3°

### Visible Camera

Image Sensor	1/1.9" Sony CMOS
Effective Resolution	1920(H)×1080(V)
Shutter Speed	1/50 ~ 1/64,000s
Wide Dynamic Range	True WDR 120dB
Min. Illumination	Color : 0.01Lux @(F1.2, AGC ON), B/W : 0.001Lux @(F1.2, AGC ON)

S/N Ratio	More than 55dB
Focal Length	2.7 ~ 12mm
Max Aperture	F1.6 ~ F2.9
Angle of View	105° ~ 32°
Focus Control	Motorized
<b>Video and Audio</b>	
Compression	H.265, H.264, MJPEG
Frame Rate	Main Stream: Thermal: D1 @25/30fps Visible : 1920×1080/1280×720 @25/30fps Sub Stream: Thermal: CIF @25/30fps Visible : D1/VGA/640×360/CIF/QCIF/ QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Thermal : 100Kbps ~ 6Mbps Visible : main stream : 500Kbps ~10Mbps; sub stream: 100Kbps~6Kbps
Region of Interest	Off / On (8 Zone, Rectangle)
Digital Zoom	16x
Mirror	Support
Defog	Support
Motion Detection	Support
Privacy Masking	Off / On (4 Area, Rectangle)
DVE Image Enhance	Support
Audio Compression	G.711, AMR, RAW_PCM (Optional)
<b>Intelligence</b>	
Intelligent Functions	Motion detection, Disk alarm, I/O alarm, Temperature alarm
IVS	Smart Body Detection, Perimeter ,Single Virtual Fences ,Double Virtual Fences ,Object Left ,Object Removed
<b>Temperature Detection</b>	
Detection Mode	Body temperature monitoring
Detection Preset	Max 16 goals
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	≤ 0.3°C (Emission rate, distance, ambient temperature, etc.)
Response Time	≤30ms
Theory of temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Measurement Range	
Temperature Display Mode	Temperature Target > 5°C, Display Absolute Temperature Value, Temperature Target ≤5°C, Display Relative Temperature Value (Temperature Difference DEV = Highest Value - Average)
<b>Network</b>	
Ethernet	RJ-45 (10/100Base-T)
Protocols	IPv4/IPv6 ,HTTP, RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, SIP, 802.1x
Interoperability	ONVIF, CGI, SDK
Streaming Method	Unicast
Max. User Access	10 Users

Edge Storage	NAS, Local PC for instant recording, Micro SD card 128GB
Web Viewer	<le11, Chrome, Firefox
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish. Russian, French, Czech, Hungarian

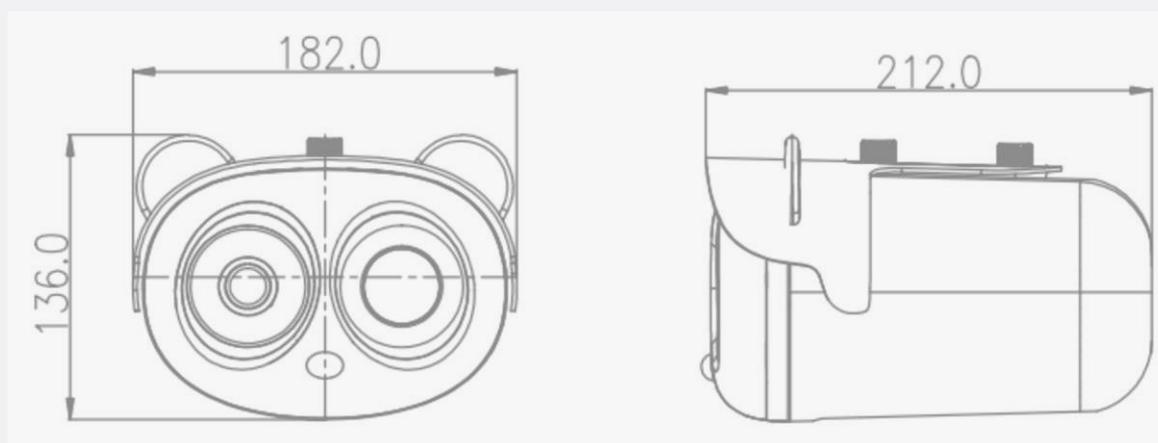
### Interface

Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1Ch Audio In,1ch Audio Out
Alarm	2Ch Alarm In,2ch Alarm Out
Rs485	Support
BNC Output	N/A
Reset Button	Support (Built-in)

### General

Power Supply	DC12V/POE (IEEE 802.3af)
Power Consumption	Max 10W
Operating Temperature	30°C~60°C (-22°F~140°F)
Storage Conditions	0~ 90% RH
Certifications	CE /FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	212×182×136mm
Net Weight	2Kg

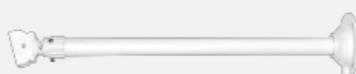
### DIMENSIONS (MM)



### ACCESSORIES



Zx300  
Wall Bracket



Zx400  
Ceilling Bracket