DS-2TB2617-3/QA
Temperature Screening Thermographic Thermal & Optical
Bi-Spectrum Network Bullet Camera

Hikvision DS-2TB2617-3/QA Temperature Screening Thermographic Bullet Camera is designed to detect elevated skin-surface temperature with high accuracy in real time. It can be used for preliminary temperature screening in office buildings, factories, stations, airports and other public places.

Key Feature

- 160 × 120 resolution in thermal channel, high sensitivity sensor
- Temperature range: 30°C to 45°C; temperature accuracy: ± 0.5°C
- Reliable temperature exception alarm function
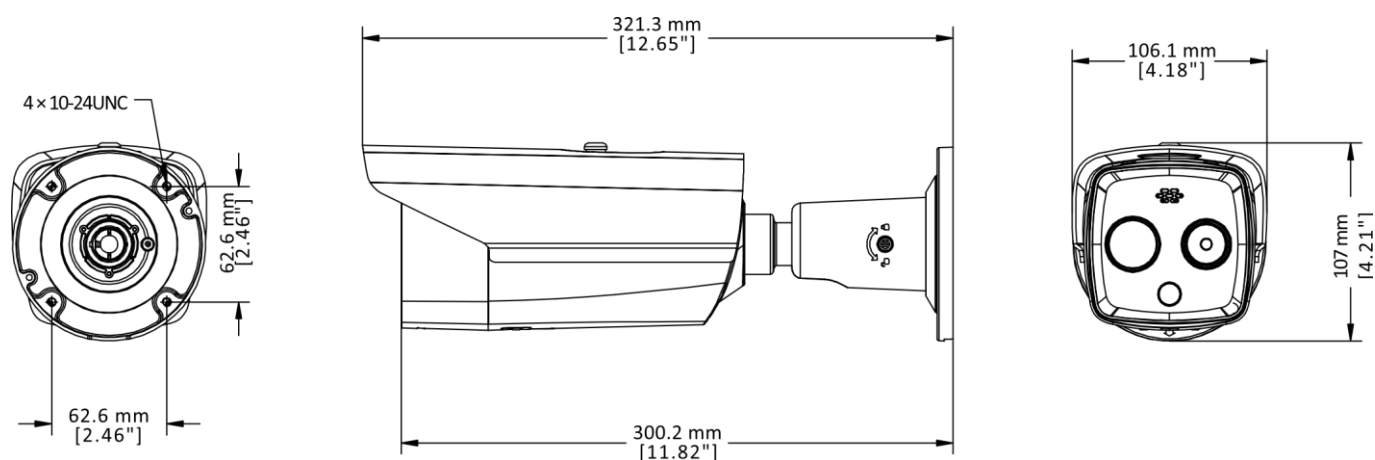- 3D DNR, image detail enhancement
- Audio alarm

▪ Specification

Thermal Module	
Image Sensor	VOx Uncooled Focal Plane Arrays
Resolution	160 × 120
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD	< 40 mK (@ 25°C,F# = 1.1)
Focal Length	3.1 mm
IFOV	5.48 mrad
Aperture	F1.1
Field of View	50° × 37.2° (H × V)
Min. Focusing Distance	0.2 m
Optical Module	
Image Sensor	1/2.7" Progressive Scan CMOS
Resolution	2688 × 1520, 4 MP
Min. Illumination	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)
Field of View	84° × 44.8° (H × V)
Focal Length	4 mm
Shutter Speed	1 s to 1/100,000 s
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Daylight Lamp/Sodium Lamp
Day ＆ Night Mode	IR cut filter with auto switch
WDR	120 dB
Image Effect	
Bi-spectrum Image Fusion	Display the details of optical channel on thermal channel
Picture in Picture	Display partial image of thermal channel on the full screen of optical channel
Illuminator	
IR Distance	Up to 40 m
IR Intensity and Angle	Automatically adjusted
Smart Function	
Temperature Range	30°C to 45°C (86°F to 113°F)
Temperature Accuracy	± 0.5°C
Video and Audio	
Main Stream	Thermal: 25 fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) Optical: 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub Stream	Thermal: 25 fps (704 × 576, 352 × 288, 320 × 240) Optical: 50 Hz: 25 fps (704 × 576, 352 × 288, 176 × 144) 60 Hz: 30 fps (704 × 480, 352 × 240, 176 × 120)
Video Compression	H.264 (Baseline/Main/High Profile) /MJPEG/H.265
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
API	Open-ended API, supporting ISAPI, HIKVISION SDK, and third-party management platform, open network video interface
Security	User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1x(EAP-MD5, EAP-TLS), access control, IP address filtering
Simultaneous Live View	Up to 20 channels
Interface	
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required: IE8-IE11, Chrome 41-44, Firefox 30.0-51
Alarm Input	2-ch inputs (0 to 5 VDC)
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, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω
Communication Interface	1, RJ45 10 M/100 M Self-adaptive Ethernet interface. 1, RS-485 interface
On-board Storage	Built-in MicroSD card slot, supporting MicroSD/SDHC/SDXC card (up to 256 GB), supports manual/alarm recording
General	
Web Client Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
User/Host level	Up to 32 users, 3 levels: Administrator, Operator, User
Power	PoE (802.3af, class 3), 42.5 V to 57 V, 0.14 A to 0.22 A, 12VDC, 0.5 A
Power Consumption	PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 6.5 W 12 VDC ± 20%: 0.5 A, max. 6 W
Work Temperature/Humidity	From 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 and Voltage Transient Protection
Dimension	358.3 mm × 113.5 mm × 115.2 mm (14.10" × 4.47" × 4.53")
Weight	1.76 kg (3.88 lb)

▪ Available Model

DS-2TB2617-3/QA

▪ Dimension

▪ Accessory

▪ Included

DS-1260ZJ
Junction Box

▪ Optional

DS-1275ZJ-SUS Vertical Pole Mount	DS-1280ZJ-S Junction Box	DS-1475ZJ-SUS Vertical Pole Mount	DS-2922ZJ	DS-2921ZJ-M
DS-1275ZJ-S-SUS Vertical Pole Mount	DS-1476ZJ-SUS Corner Mount	DS-2921ZJ-S	DS-1293ZJ-Y Wall Mount	DS-1276ZJ-SUS Corner Mount

DS-2907ZJ

Bracket

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