

DS-2TD2636B-13/P¹ Thermographic Bullet Camera

DeepinView^{series}



- **384 × 288 High Resolution Thermal Channel, High Sensitivity Sensor**
- **Accuracy at 8.2 ft to 23.0 ft (2.5 m to 7 m):**
±0.5° F (±0.3° C) with Blackbody
±0.9° F (±0.5° C) without Blackbody
- **Reliable Temperature Exception Alarm Function**
- **4 MP Resolution Optical Channel**
- **3D DNR, Image Detail Enhancement**

Hikvision DS-2TD2636B-13/P Thermographic Bullet Cameras are equipped with highly sensitive thermal and optical sensors and a graphical processing unit to run the video content analysis (VCA) algorithms developed by Hikvision's deep learning technology.

The 384 x 288 high sensitivity sensor features adaptive AGC (Automatic Gain Control), 3D DNR (Digital Noise Reduction), and Digital Detail Enhancement for outstanding image enhancement. The 4 MP optical sensor provides outstanding color video in very dim environments down to 0.0089 lux, and built-in IR illumination allows black and white optical surveillance in zero-light conditions up to 164 ft (50 m).

This camera series is able to measure an object's temperature at a high accuracy in real time. It is suitable for use in areas that require greater security measures such as airports.

Available Model:
DS-2TD2636B-13/P

¹**U.S. Disclaimer:** Hikvision Highly Accurate Thermographic Cameras and Terminals (HAT Cameras and Terminals) are not FDA-cleared or approved. The HAT Cameras and Terminals shall not be solely or primarily used as an effective diagnostic device for COVID-19. Elevated body temperature should be confirmed with secondary evaluation methods (e.g., an NCI or clinical grade contact thermometer). Users, through their experience with the Hikvision HAT Cameras and Terminals in the particular environment of use, should determine the significance of any fever or elevated temperature based on the skin telethermographic temperature measurement. Visible thermal patterns are intended only for locating the points from which to extract the thermal measurement.

To ensure the accuracy of the human skin-surface temperature measurement, the technology shall be used to measure only one subject's temperature at a time and shall not be used to measure multiple individuals' temperatures simultaneously.

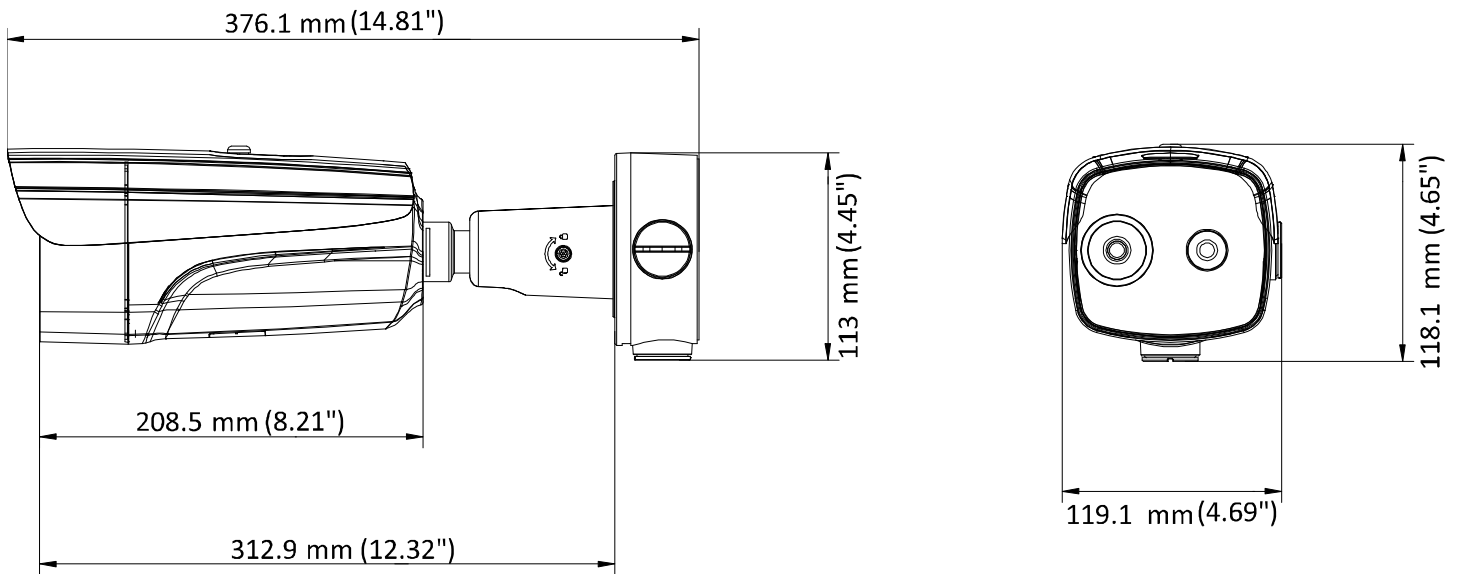
Canada Disclaimer: Hikvision Elevated Skin Temperature Cameras and Terminals (EST Cameras and Terminals) shall not be solely or primarily used as an effective diagnostic device for COVID-19. Elevated body temperature should be confirmed with secondary evaluation methods (e.g., a Health Canada approved contact thermometer). Users, through their experience with the Hikvision EST Cameras and Terminals in the particular environment of use, should determine the significance of any fever or elevated temperature based on the skin telethermographic temperature measurement. Visible thermal patterns are intended only for locating the points from which to extract the thermal measurement.

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Specifications




DS-2TD2636B-13/P	
Thermal Module	
Image Sensor	Vanadium oxide uncooled focal plane arrays
Maximum Resolution	384 × 288
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD (Noise Equivalent Temperature Difference)	≤40 mK (@ 25° C, F# = 1.0)
Lens (Focal Length)	13 mm
IFOV	1.13 mrad
Field of View	28.8° × 21.6° (H × V)
Minimum Focusing Distance	1.6 ft (0.5 m)
Aperture	f/1.0
Temperature Measurement	4 temperature measurement rule types, 21 rules in total (up to 30 faces or 10 points, 10 areas, and 1 line)
Temperature Accuracy	w/DS-2TE127-G4A Blackbody
	w/o DS-2TE127-G4A Blackbody
	±0.5° F (±0.3° C) at 8.2 feet to 23 feet (2.5 m to 7 m)
	±0.9° F (±0.5° C) at 8.2 feet to 23 feet (2.5 m to 7 m)
Optical Module	
Maximum Image Resolution	2688 × 1520
Image Sensor	1/2.7" progressive scan CMOS
Minimum Illumination	Color: 0.0089 lux @ (f/1.6, AGC on), B/W: 0.0018 lux @ (f/1.6, AGC on)
Shutter Speed	1 s to 1/100,000 s
Lens (Focal Length)	6 mm
Field of View	51.7° × 28° (H × V)
WDR	120 dB
Day/Night	IR cut filter with auto switch
Image Functions	
Bi-Spectrum Image Fusion	Display optical channel details on thermal channel
Picture in Picture	Display partial image of thermal channel on full screen of optical channel
Infrared	
IR Distance	Up to 164 ft (50 m)
IR Intensity and Angle	Automatically adjusted
Network	
Main Stream	30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Thermal: 25 fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240)
Sub-Stream	30 fps (704 × 480, 352 × 240, 176 × 120) Thermal: 25 fps (704 × 576, 352 × 288, 320 × 240)
Video Compression	H.265/H.264/MJPEG
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
Integration	
Alarm Input	2-ch inputs (0–5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable
Alarm Action	SD recording/relay output/smart capture/FTP upload/e-mail linkage
Audio Input	1 × 3.5 mm mic in/line in interface, line input: 2 to 2.4 V (p-p), output impedance: 1K Ω ±10%
Audio Output	Linear level, impedance: 600 Ω
Reset	1 × reset button
Communication Interface	1 × RJ-45 10M/100M self-adaptive Ethernet interface; 1 × RS-485 interface
SD Memory Card	Built-in microSD card slot, supports microSD/SDHC/SDXC card (up to 256 GB), supports manual/alarm recording
Application Programming	Open-ended API, supports ISAPI, HIKVISION SDK and third-party management platform, ONVIF (Profile S, Profile G, Profile T)
Client	iVMS-4200, Hik-Connect
Web Browser	IE 8–11, Chrome 41–44, Firefox 30–51
General	
Menu 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)
Power	24 VAC ±25%, 12 VDC ±25%, two-core terminal block PoE (802.3af, class 3)
Power Consumption	18 VAC to 30 VAC: 0.38 A to 0.22 A, maximum 9 W
	9 VDC to 15 VDC: 0.63 A to 1.06 A, maximum 9 W
Working Temperature/Humidity	PoE (802.3af, class 3): 44 V to 57 V, 0.22 A to 0.17 A, maximum 9.5 W
	Temperature: 50° to 95° F (10° to 35° C) (indoor and windless environment use only, humidity: 95% or less (non-condensing))
Protection Level	IP66 standard, TVS 6000V lightning protection, surge protection, voltage transient protection
Dimensions	14.81" × 4.68" × 4.65" (376.1 mm × 119.1 mm × 118.1 mm)
Weight	Approximately 4.01 lb (1.82 kg)

Dimensions



Accessories

NOT INCLUDED					INCLUDED
					
DS-2TE127-G4A Blackbody Calibration Source	PM Pole Mount	CM Corner Mount	DS-2907ZJ Tripod	DS-2909ZJ Bullet Tripod Adapter	CB130 Conduit Base
Requires DS-2909ZJ					

NOT INCLUDED		
		
DS-2922ZJ Floor Mount	DS-2921ZJ-M Pendant Mount	DS-2921ZJ-S Pendant Mount
Requires DS-2909ZJ		