

## DS-2TD2636B-13/P Thermographic Bullet Camera

DeepinView<sup>series</sup>



- **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:

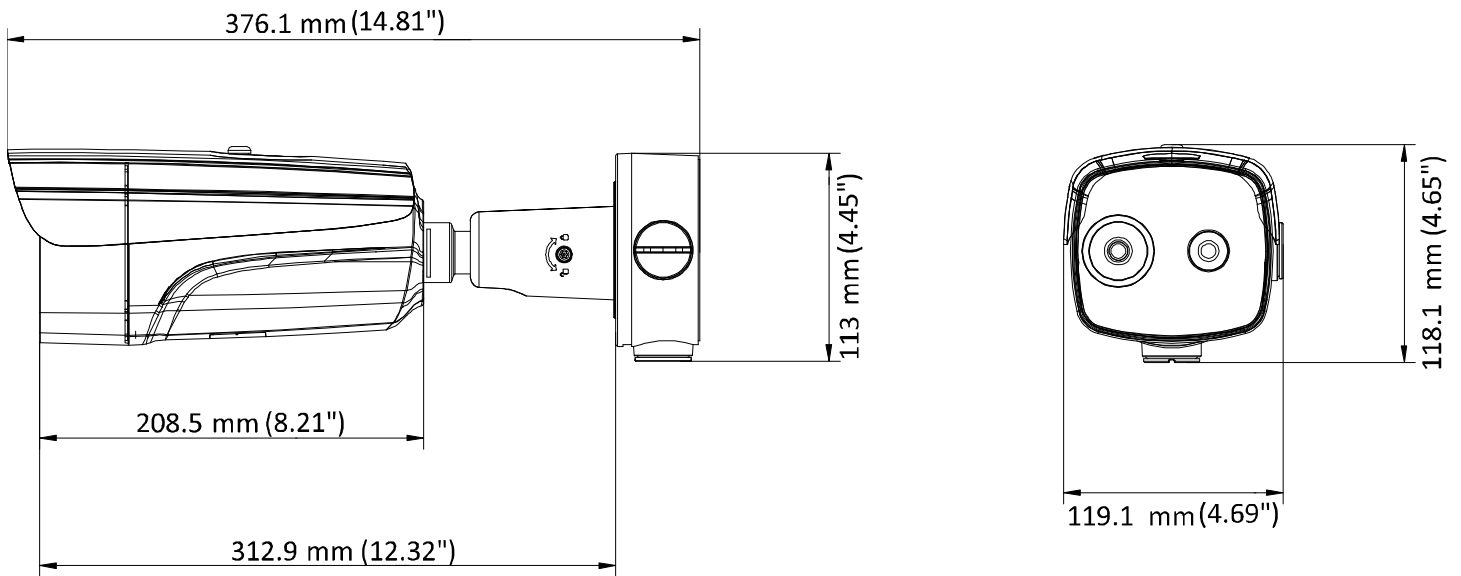
DS-2TD2636B-13/P









# Specifications

DS-2TD2636B-13/P	
<b>Thermal Module</b>	
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
I FOV	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)
<b>Optical Module</b>	
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
<b>Image Functions</b>	
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
<b>Smart Functions</b>	
Face Detection	Detect and measure temperatures of up to 30 faces at a time
Face Mask Detection	Detects up to 30 individuals at a time not wearing masks
<b>Infrared</b>	
IR Distance	Up to 164 ft (50 m)
IR Intensity and Angle	Automatically adjusted
<b>Network</b>	
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
<b>Integration</b>	
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 x 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 x reset button
Communication Interface	1 x RJ-45 10M/100M self-adaptive Ethernet interface; 1 x RS-485 interface
SD Memory Card	Built-in microSD card slot, supports microSD/SDHC/SDXC card (up to 256 GB), supports manual/alarm recording
Analog Video Output	1.0 V [p-p]/75 Ω, BNC, PAL/NTSC
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
<b>General</b>	
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 PoE (802.3af, class 3): 44 V to 57 V, 0.22 A to 0.17 A, maximum 9.5 W
Working Temperature/Humidity	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
					
<b>DS-2TE127-G4A</b> Blackbody Calibration Source	<b>PM</b> Pole Mount	<b>CM</b> Corner Mount	<b>DS-2907ZJ</b> Tripod	<b>DS-2909ZJ</b> Bullet Tripod Adapter	<b>CB130</b> Conduit Base