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DS-2TD2636B-13/P[1]
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.
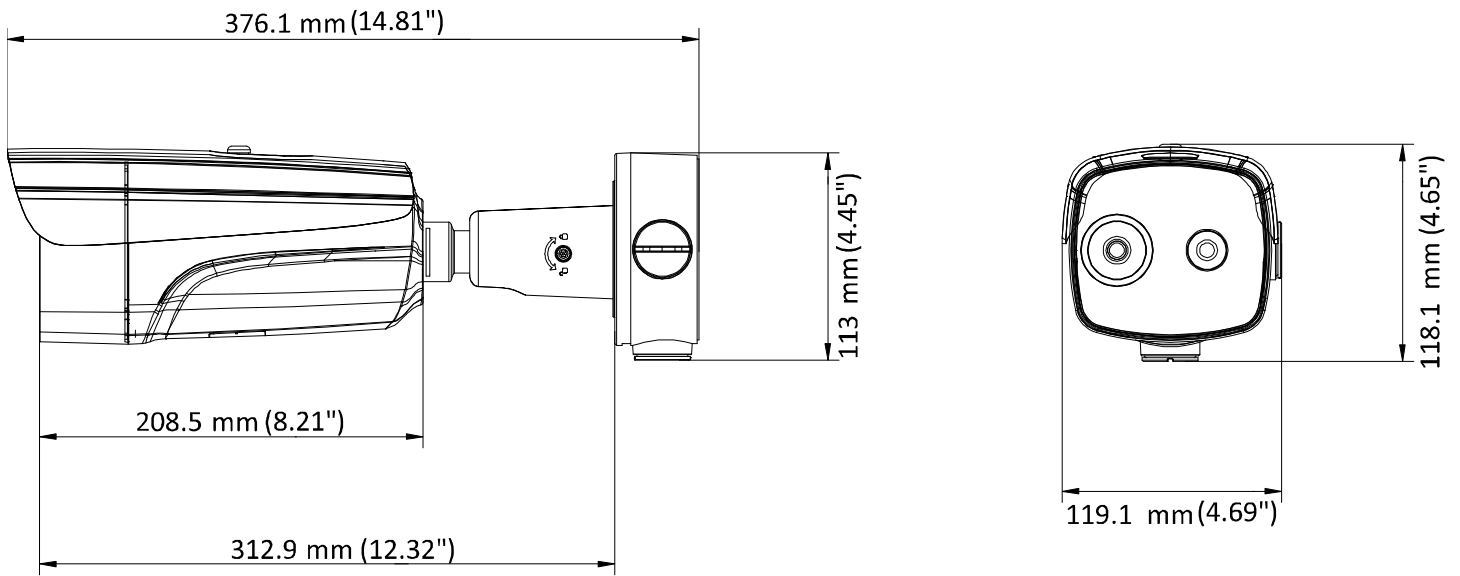
Available Model:
DS-2TD2636B-13/P

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	±0.5° F (±0.3° C) at 8.2 feet to 23 feet (2.5 m to 7 m)
	w/o DS-2TE127-G4A Blackbody	±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	
Smart Functions		
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	
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 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	
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 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)	

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Dimensions

376.1 mm (14.81")

113 mm (4.45")

208.5 mm (8.21")

312.9 mm (12.32")

118.1 mm (4.65")

119.1 mm (4.69")

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

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