

**HIKVISION**

**sperosens**  
safety through innovation

## DS-2TD2637B-10/P

### Thermographic Bullet Body Temperature Measurement Camera

DeepinView<sup>series</sup>



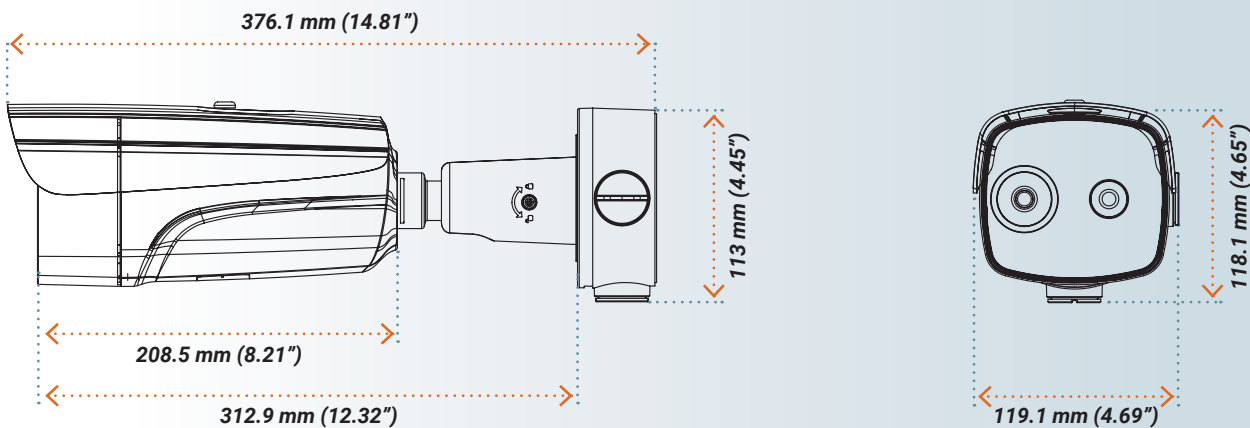
The Hikvision DS-2TD2637B Thermographic Bullet Body Temperature Measurement Camera is able to accurately measure an object's temperature in real time. It can detect and track people with a higher than normal body temperature in a crowded public space. As such, it is ideal for use in areas such as customs and immigration, airports, schools and hospitals for screening and quarantine, if required.

#### KEY FEATURES:

- High accuracy in real time
- Reliable temperature exception alarm function
- Bi-spectrum image fusion in video mode
- 384 × 288 high resolution in the thermal channel
- High sensitivity sensor
- Temperature range: 30 °C to 45 °C
- Temperature accuracy: ±0.5 °C
- 4MP resolution in the optical channel
- 3D DNR, image detail enhancement



#### DIMENSIONS:



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### SPECIFICATIONS:

#### THERMAL MODULE

Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Max. Resolution	384 × 288
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD (Noise Equivalent Temperature Difference)	≤ 35 mk (@25 °C, F# = 1.0)
Lens (Focal Length)	9.7 mm
IFOV	1.75 mrad
Field of View	37.5° × 28.5° (H × V)
Min. Focusing Distance	1 m
Aperture	F 1.0

#### OPTICAL MODULE

Max. Image Resolution	2688 × 1520
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	<b>Colour:</b> 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)
Shutter Speed	1s to 1/100,000s
Lens (Focal Length)	4 mm
Field of View	84° × 44.8° (H × V)
WDR	120 dB
Day & Night	IR cut filter with auto switch

#### IMAGE FUNCTION

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

#### SMART FUNCTION

Temperature Measurement	3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1 line).
Temperature Range	30 °C to + 45 °C
Temperature Accuracy	± 0.5 °C

#### INFRARED

IR Distance	Up to 50 m
IR Intensity and Angle	Automatically adjusted

#### NETWORK

Main Stream	<b>Optical:</b> 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) <b>Thermal:</b> 25 fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240)
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### NETWORK

Sub-stream	<b>Optical:</b> 50 Hz: 25 fps (704 × 576, 352 × 288, 176 × 144) 60 Hz: 30 fps (704 × 480, 352 × 240, 176 × 120) <b>Thermal:</b> 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/email linkage
Audio Input	1x 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], Output impedance: 1 K $\Omega$ $\pm$ 10%
Audio Output	Linear level, impedance: 600 $\Omega$
Reset	1x Reset Button
Communication Interface	1x RJ45 10M/100M self-adaptive Ethernet interface. 1x RS-485 interface
SD Memory Card	1x Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 256 GB) Supports manual/alarm recording
Analog Video Output	1.0 V [p-p]/75 $\Omega$ , BNC, PAL/NTSC
Application Programming	Open-ended API, support 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 <i>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)</i>
Power	24 VAC $\pm$ 25%, 12 VDC $\pm$ 25%, two-core terminal block PoE (802.3af, class 3)
Power Consumption	18 VAC to 30 VAC: 0.38 A to 0.22 A, max. 9 W 9 VDC to 15 VDC: 0.63 A to 1.06 A, max. 9 W PoE (802.3af, class 3): 44 V to 57 V, 0.22 A to 0.17 A, max. 9.5 W
Working Temperature/Humidity	<b>Temperature:</b> 10 °C to 35 °C ( <i>Indoor and windless environment use only</i> ) <b>Humidity:</b> 95% or less
Protection Level	IP66 Standard, TVS 6000V lightning protection, surge protection, voltage transient protection
Dimensions	376.1 mm × 119.1 mm × 118.1 mm (14.81" × 4.68" × 4.65")
Weight	Approx. 1.82 kg (4.01 lb)