DS-2TD2667-25/PI
Thermal and Optical Bi-spectrum Network Bullet Camera

Hikvision DS-2TD2667-25/PI Thermal & Optical Bi-spectrum Network Bullet Camera equipped with built-in GPU which sup ports intelligent perimeter protection algorithm, can realize high-precision VCA detection and real-time alarm. It is applied for perimeter protection and fire-prevention in critical infrastructures such as community, villa, construction site, factory, 4S stores, and so on . The pre-alarm system helps you discover unexpected events immediately and protects your property

- High sensitivity thermal module with 640 x 512 resolution

- NETD is less than 35 mk (@25° C, F#=1.0)

- Supports contrast adjustment

- Leading thermal image processing technology: Adaptive AGC, DDE, 3D DNR

- Up to 15 palettes of adjustable color

- Powerful perimeter protection functions, based on intelligent algorithm: Line crossing, intrusion, region entrance & exit

- Reliable temperature-anomaly alarm

- Advanced fire detection algorithm

- High quality optical module with 4 MP resolution

- Bi-spectrum image fusion, picture-in-picture preview

· Specification

Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	640 × 512
Pixel Interval	17 µm
Response Waveband	8 µm to 14 µm
NETD	Less than 35 mK (@25 °C,F#=1.0)
Focal Length	25 mm
IFOV	0.68 mrad
Field of View	24.55° × 19.75° (H × V)
Min. Focusing Distance	13m
Aperture	F1.0
Digital Zoom	×2, ×4, ×8
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)
Shutter Speed	1s to 1/100,000s
Focal Length	6 mm
Field of View	51.7° × 28° (H × V)
Aperture (Range)	F1.6
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
Target Coloration	Yes. Supported in white hot and black hot mode.
Illuminator	
IR Distance	Up to 40 m
IR Intensity and Angle	Automatically adjusted

Smart Function	
VCA	4 VCA rule types (line crossing, intrusion, region entrance, and region exiting), up to 8 VCA rules in total.
Temperature Measurement	3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1 line).
Temperature Range	-20 °C to 150 °C (-4 °F to 302 °F)
Temperature Accuracy	± 8 °C (±14.4 °F)
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.
Video and Audio	
Main Stream	Thermal: 50 fps (1280 × 720, 704 × 576, 640 × 512, 352 × 288),Optical: 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720),Optical: 60Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub Stream	Thermal: 50 fps (704 × 576, 640 × 512, 352 × 288),Optical: 50 Hz: 25 fps (704 × 576, 352 × 288, 176 × 144),Optical: 60 Hz: 30 fps (704 × 480, 352 × 240, 176 × 120)
Video Compression	Main stream: H.265/ H.264 Sub-stream: H.265/H.264/MJPEG
Audio Compression	G .711u/G.711a/G.722.1/MP2L2/G.726/PCM
Network	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Network Storage	microSD/SDHC/SDXC card (up to 256 G) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
API	ISAPI, HIKVISION SDK, and third-party management platform, ONVIF (Profile S, Profile G, Profile T)
Simultaneous Live View	Up to 20 channels
User/Host level	Up to 32 users. 3 levels: administrator, operator, user
Security	User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1x(EAP-MD5, EAP-TLS), access control, IP address filtering
Client	iVMS-4200, Hik-Connect

Web Browser	Live view (plug-in allowed) : Internet Explorer 11
	Live view (plug-in free) : Chrome 57.0 +, Firefox 52.0 +
	Local service : Chrome 57.0+, Firefox 52.0 +
Interface	
Alarm Input	1-ch inputs (0-5 VDC)
Alarm Output	1-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 - 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
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)
Power	PoE (802.3af, class 3): 44 V to 57 V, 0.22 A to 0.17 A
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
Work Temperature/Humidity	From -40°C to 65°C (-40°F to 149°F); Humidity: 95% or Less
Protection Level	IP67 Standard
	TVS 6000 V lightning protection, surge protection, voltage transient protection
Dimension	376.1 mm × 119.1 mm × 118.1 mm (14.81" × 4.68" × 4.65")
Weight	Approx. 1.82 kg (4.01 lb)

· Range Table

VCA Range (Vehicles: 1.4 × 4.0 m)	VCA Range (Humans: 1.8 × 0.5 m)	Temperature Measurement (Object: 2 × 2 m)	Temperature Measurement (Object: 1 × 1 m)	Fire Detection (Object: 2 × 2 m)	Fire Detection (Object: 1 × 1 m)
515 m	184 m	585 m	295 m	1470 m	735 m

· DORI

* The table is only for reference and the performance may vary from camera to camera.

Detection Range: In order to distinguish an object from the background, the image must be covered by 1.5 or more pixels.

Recognition Range: In order to classify the object (animal, human, vehicle, etc.), the image must have at least 6 pixels across its critical dimension.
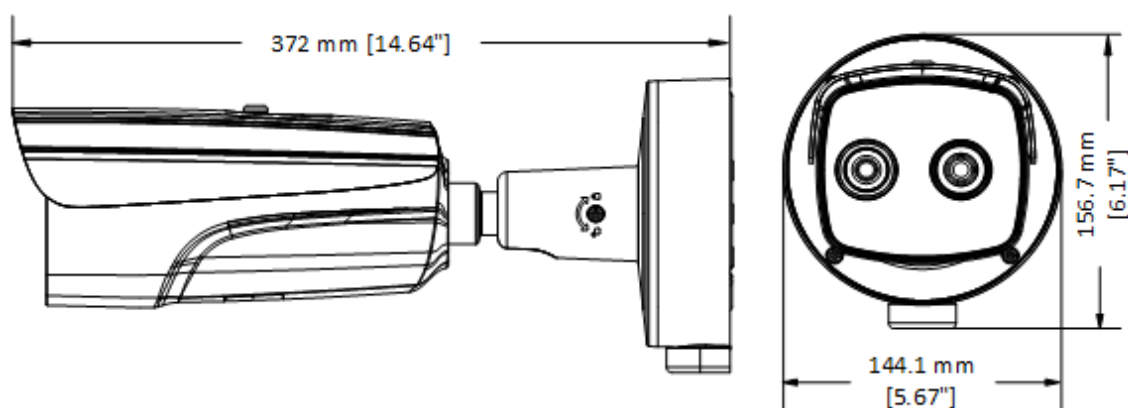
Identification Range: In order to identify the object and describe it in details, the critical dimension must have be least 12 pixels across.

Detection Range (Vehicles: 1.4 × 4.0 m)	Detection Range (Humans: 1.8 × 0.5 m)	Recognition Range (Vehicles: 1.4 × 4.0 m)	Recognition Range (Humans: 1.8 × 0.5 m)	Identification Range (Vehicles: 1.4 × 4.0 m)	Identification Range (Humans: 1.8 × 0.5 m)
2255 m	735 m	564 m	184 m	282 m	92 m

· Available Model

DS-2TD2667-25/PI

·Dimension

372 mm [14.64"]

156.7 mm [6.17"]

144.1 mm [5.67"]

Unit:mm[Inch]

![HIKVISION logo]

▪ Accessory

▪ Optional

DS-1275ZJ-S-SUS Vertical Pole Mount	DS-1475ZJ-SUS Vertical Pole Mount	DS-2251ZJ Pendant Mount	DS-1476ZJ-SUS Corner Mount

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