

# DS-2TD2367-50/PY Anti-corrosion Thermal Network Bullet Camera





Hikvision DS-2TD2367-50/PY Anti-corrosion Thermal Network Bullet Camera is applied to perimeter protection and fire-prevention purposes in critical infrastructures such as: airport, railway, prison, power station, 4S stores, and so on. With the vanadium oxide uncooled focal plane sensor, it enhances the thermal image quality. It adopts anti-corrosion coating to meet the requirements of used in anti-corrosion environment.

#### Key Feature

- 640 × 512 resolution, 17 μm, VOx UFPA, NETD < 35 mK (25°C, F# = 1.0)</li>
- Perimeter protection functions, based on intelligent algorithm: Line crossing, intrusion, region entrance & exit
- Image processing technology: linear, histogram, self-adaptive thermal AGC mode, DDE, 3D DNR
- Temperature exception alarm
- Fire detection algorithm
- High quality detector with 10 years guarantee





# 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	< 35 mk (25°C, F# = 1.0)					
Focal Length	50 mm					
IFOV	0.34 mrad					
Field of View	12.4° × 10° (H × V)					
Min. Focusing Distance	50 m					
Aperture	F 1.0					
Digital Zoom	×2, ×4, ×8					
Image Effect						
Target Coloration	Yes. Supported in white hot and black hot mode.					
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	Max. (± 8°C, ± 8%)					
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.					
Video and Audio	,					
Main Stream	50 Hz: 25 fps (1280 × 720, 704 × 576, 640 × 512,352 × 288)					
Sub-stream	50 Hz: 25 fps (704 × 576, 640 × 512,352 × 288)					
Third Stream	50 Hz: 25 fps (1280 × 720, 704 × 576, 640 × 512,352 × 288)					
Tima Jucum	Main Stream: H.265/H.264					
Video Compression	Sub-Stream: H.265/H.264/MJPEG					
•	Third Stream: H.265/H.264/MJPEG					
Audio Compression	G.722.1/G.711ulaw/G.711alaw/MP2L2/G.726/AAC/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 SRTP, SFTP					
API	ISAPI, HIKVISION SDK, open network video interface					
Security	User authentication (ID and password), MAC address binding, HTTPS encryption, IEEE 802.1x (EAP-MD5, EAP-TLS), access control, IP address filtering					
Simultaneous Live View	Up to 20 channels					
Client	iVMS-4200, Hik-Connect					
Web Browser	IE 11, Chrome 41-44, Firefox 30-51					
Network Storage	MicroSD/SDHC/SDXC card (up to 256 G) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)					
	Up to 32 users, 3 levels: Administrator, Operator, User					
User/Host level	Op to 32 users, 3 levels. Administrator, Operator, Oser					
User/Host level Interface	op to 32 users, 3 levels. Autilinistrator, Operator, Oser					



Alarm Output	2, alarm output			
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 to 2.4 V [p-p], output impedance: 1 K $\Omega$ ± 10%			
Audio Output	Linear level, impedance: $600~\Omega$			
Communication Interface	1, RJ45 10 M/100 M self-adaptive Ethernet interface			
	1, RS-485 interface			
	1, Single Mode Fiber interface; TX: 1310 nm; RX 1550 nm; Transmission Distance: 20			
	km; Transmission Speed: 100 M;			
General				
	32 languages			
Web Client Language	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 Supply	24 VAC ± 25%, two-core terminal block			
	PoE (802.3at, class 4)			
Power Consumption	18 VAC to 30 VAC: 0.13 A to 0.22 A, max. 5 W			
	9 VDC to 15 VDC: 0.37 A to 0.61 A, max. 5 W			
	PoE (802.3at, class 4): 44 V to 57 V: 0.1 A to 0.13 A, max. 5.5 W			
/aulius Tauanaustina /llinestalte	Temperature: -40°C to 65°C (-40°F to 149 °F)			
Working Temperature/Humidity	Humidity: 90% or less			
Protection Level	IP67 Standard			
Totection Level	TVS 6000V lightning protection, surge protection, voltage transient protection			
Dimensions	535 mm × 400 mm × 171 mm (21.06" × 15.75" × 6.73")			
Weight	Approx. 6.40 kg (14.11 lb)			
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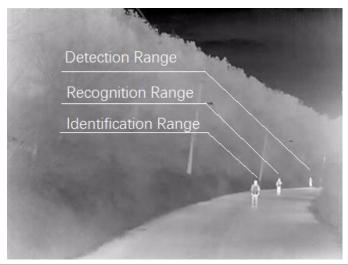
## **DRI Range Table**

- \* The table is only for reference and the performance may vary according to different environment.
- \* The optimal detection, recognition, and identification distances are calculated according to Johnson's Criteria.

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

Recognition Range: In order to classify the object (animal, human, vehicle, etc.), the object must be covered by 6 or more pixels.

Identification Range: In order to identify the object and describe it in details, the object must be covered by 12 or more pixels.



<b>Detection Range</b>	<b>Detection Range</b>	Recognition	Recognition	Identification	Identification
(Vehicles: 1.4 ×	(Humans: 1.8 ×	Range (Vehicles:	Range (Humans:	Range (Vehicles:	Range (Humans:
4.0 m)	0.5 m)	1.4 × 4.0 m)	1.8 × 0.5 m)	1.4 × 4.0 m)	1.8 × 0.5 m)

#### **Smart Function Table**

\* The table is only for reference and the performance may vary according to different environment.

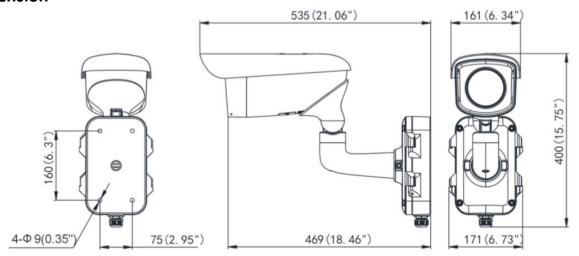
VCA Range	VCA Range	Temperature	Temperature	Fire Detection	Fire Detection
(Vehicles: 1.4 ×	(Humans: 1.8 ×	Measurement	Measurement	(Object: 2 × 2 m)	(Object: 1 × 1 m)
4.0 m)	0.5 m)	(Object: 2 × 2 m)	(Object: 1 × 1 m)		
1029 m	368 m	1170 m	590 m	2940 m	1470 m

#### Available Model

DS-2TD2367-50/PY



### Dimension



Unit: mm [Inch]

- Accessory
- Optional



DS-2904ZJ

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