DS-2TD2137-25/PI
Thermal Network Bullet Camera

DeepinView series

Hikvision DS-2TD2137-25/PI Thermal Network Bullet Camera equipped with built-in GPU which support intelligent behavior analysis algorithm, can realize high precision VCA detection and real-time alarm. It is applied to perimeter protection and fire prevention purposes in critical infrastructures such as solar park, substation, airport, recycling site, warehouses and so on. The pre-alarm system helps you discover unexpected events immediately and protects you from property loss.

Key Feature

- Behavior analysis function, based on deep learning algorithm: line crossing, intrusion, region entrance & exit
- Temperature exception alarm for fire prevention
- Fire detection algorithm
- 384 × 288 resolution 17 µm, VOx UFPA, NETD ≤ 35 mK (25 °C, F# = 1.0)
- Image processing technology: Liner, histogram, and self-adaptive thermal AGC mode, DDE, 3D DNR

Specification

Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
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)
Focal Length	25 mm
IFOV	0.68 mrad
Field of View	14.9° × 11.2° (H × V)
Min. Focusing Distance	13 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 (Video Content Analysis)	4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 8 VCA rules.
Temperature Measurement	3 temperature measurement rule types, 21 rules (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 & Audio	
Main Stream	25 fps (1280 × 720, 704 × 576, 352 × 288,384 × 288)
Sub Stream	25 fps (704 × 576, 352 × 288,384 × 288)
Third Stream	25 fps (1280 × 720, 704 × 576, 352 × 288,384 × 288)
Video Compression	Main Stream: H.265/H.264 Sub-Stream: H.265/H.264/MJPEG Third 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, 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 input (0-5 VDC)
Alarm Output	1-ch relay output, alarm response actions configurable
Alarm Action	SD Card Record/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

General

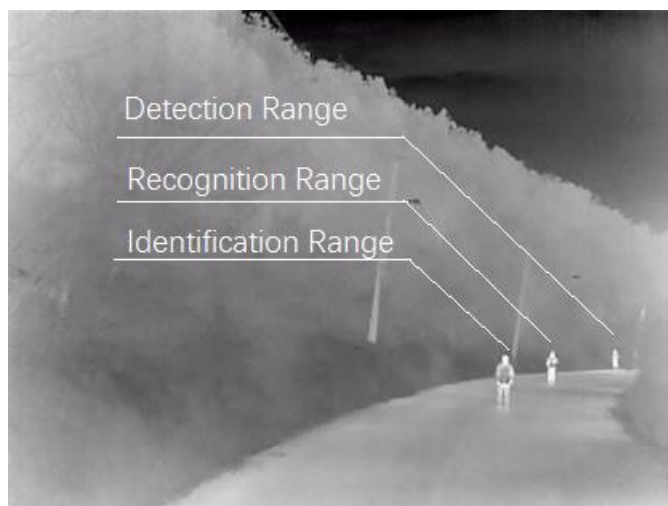| Menu Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, 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 30VAC: 0.13 A to 0.22A, max 5w 9 VDC to 15VDC: 0.37 A to 0.61A, max 5w PoE (802.3af, class 3): 44 V to 57 V: 0.1 A to 0.13 A, max. 5.5W
Working Temperature/Humidity	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 90% or less
Protection Level	IP66 Standard TVS 6000V Lightning protection, surge protection, voltage transient protection
Dimensions	353.9 mm × 144.1 mm × 156.6 mm (13.93" × 5.67" × 6.17")
Weight	Approx. 2.61 kg (5.76lb)

DRI Range Table

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

* The optimal human 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.

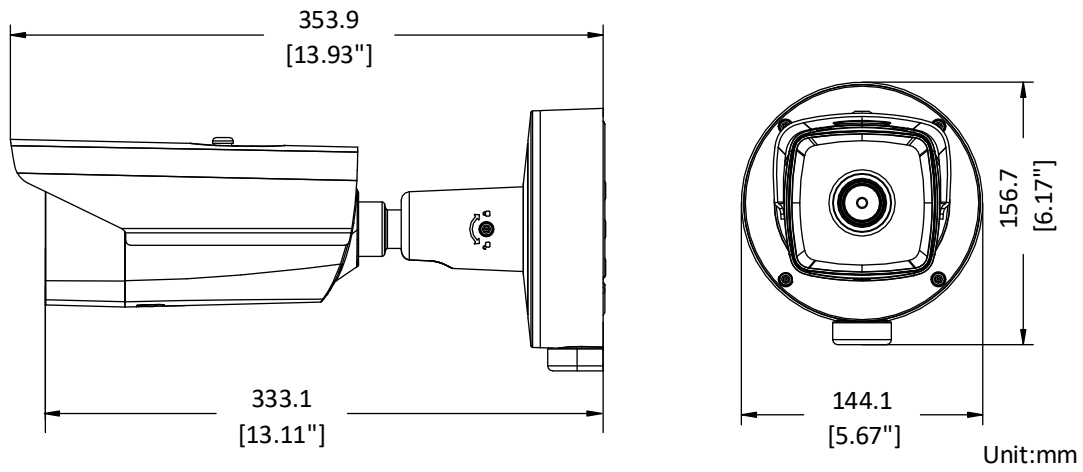| Detection Range (Vehicles: 1.4×4.0m)	Detection Range (Humans: 1.8×0.5m)	Recognition Range (Vehicles: 1.4×4.0m)	Recognition Range (Humans: 1.8×0.5m)	Identification Range (Vehicles: 1.4×4.0m)	Identification Range (Humans: 1.8×0.5m)
2255 m	735 m	564 m	184 m	282 m	92 m

Smart Function Table

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

VCA Range (Vehicles: 1.4×4.0m)	VCA Range (Humans: 1.8×0.5m)	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

Available Model

DS-2TD2137-25/PI

Dimension

353.9
[13.93"]

156.7
[6.17"]

333.1
[13.11"]

144.1
[5.67"]

Unit:mm

▪ **Accessory**

DS-1476ZJ-SUS
Corner Mount

DS-1475ZJ-SUS
Vertical Pole Mount

COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.

HIKVISION

Distributed by

HIKVISION®

Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA T +1-909-895-0400 sales.usa@hikvision.com	**Hikvision Europe** T +31-23-5542770 sales.eu@hikvision.com	**Hikvision UK & Ireland** T +01628-902140 sales.uk@hikvision.com	**Hikvision UAE** T +971-4-4432090 salesme@hikvision.com	**Hikvision Russia** T +7-495-669-67-99 saleru@hikvision.com
Hikvision Australia T +61-2-8599-4233 salesau@hikvision.com	**Hikvision Italy** T +39-0438-6902 info.it@hikvision.com	**Hikvision South Africa** Tel: +27 (10) 0351172 sale.africa@hikvision.com	**Hikvision Singapore** T +65-6684-4718 sg@hikvision.com	**Hikvision Korea** T +82-(0)31-731-8817 sales.korea@hikvision.com
Hikvision India T +91-22-28469900 sales@pramahikvision.com	**Hikvision Brazil** T +55 11 3318-0050 Latam.support@hikvision.com	**Hikvision France** T +33(0)1-85-330-450 info.fr@hikvision.com	**Hikvision Spain** T +34-91-737-16-55 info.es@hikvision.com	**Hikvision Poland** T +48-22-460-01-50 info.pl@hikvision.com
Hikvision Canada T +1-866-200-6690 sales.canada@hikvision.com	**Hikvision Turkey** T +90 (216)521 7070- 7074 sales.tr@hikvision.com	**Hikvision Kazakhstan** T +7-727-9730667 nikia.panfilov@hikvision.ru	**Hikvision Tashkent** T +99-87-1238-9438 uzb@hikvision.ru	**Hikvision Indonesia** T +62-21-2933759 Sales.Indonesia@hikvision.com
Hikvision Thailand T +662-275-9949 sales.thailand@hikvision.com	**Hikvision Malaysia** T +601-7652-2413 sales.my@hikvision.com	**Hikvision Vietnam** T +84-974270888 sales.vt@hikvision.com	**Hikvision Hong Kong** T +852-2151-1761 info.hk@hikvision.com	**Hikvision Colombia** sales.colombia@hikvision.com