

DS-2TD2137T-4/P Thermographic Network Bullet Camera



Hikvision DS-2TD2137T-4/P Thermographic Network Bullet Camera can be applied to substations, hydropower stations, waste incineration plants, manufacturing workshops, etc. The accurate temperature measurement device sends temperature exception alarms for loss prevention.

▪ Key Feature

- 384 × 288 resolution, 17 μm, VO x UFPA, NETD ≤ 35 mK (25 °C, F# = 1.0)
- Temperature exception alarm for fire prevention, - 20 °C to 550 °C (- 4 °F to 1022 °F), Max. (± 2 °C, ± 2%)
- Image processing technology: linear, histogram, self-adaptive thermal AGC mode, DDE, 3D DNR
- Fire detection algorithm

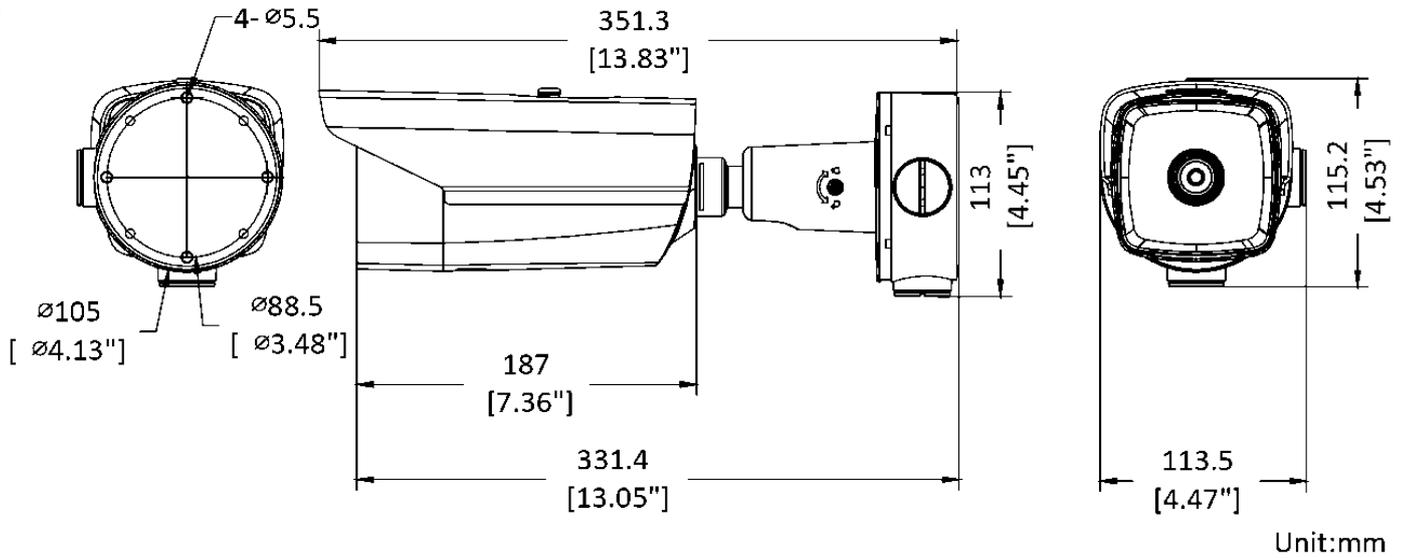


▪ Specification

Thermal	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	384 × 288
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD	≤ 35 mk (25 °C, F# = 1.0)
Focal Length	4.4 mm
IFOV	3.86 mrad
Field of View	90° × 65.3° (H × V)
Min. Focusing Distance	0.3 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 550 °C (- 4 °F to 1022 °F)
Temperature Accuracy	Max (± 2 °C, ±2 %)
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.
Video and Audio	
Main Stream	50 Hz: 25 fps (1280 × 720, 704 × 576, 352 × 288, 384 × 288)
Sub-stream	50 Hz: 25 fps (704 × 576, 352 × 288, 384 × 288)
Third Stream	50 Hz: 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.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
API	ISAPI, HIKVISION SDK, third-party management platform, ONVIF (Profile S, Profile G, Profile T)
Security	User authentication (ID and PW), 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	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 +
Network Storage	MicroSD/SDHC/SDXC card (up to 256 G) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)

User/Host level	Up to 32 users, 3 levels: Administrator, Operator, User
Interface	
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	1, 3.5 mm Mic in/Line in interface Line input: 2-2.4 V [p-p], output impedance: 1 K Ω \pm 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	24 VAC \pm 25%, 12 VDC \pm 25%, 24 VDC, two-core terminal block PoE (802.3af, class 3)
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 24 VDC: 0.21 A, max 5 W PoE (802.3af, class 3): 44 V to 57 V: 0.1 A to 0.13 A, max. 5.5 W
Working Temperature/Humidity	Temperature: - 40 $^{\circ}$ C to 65 $^{\circ}$ C (- 40 $^{\circ}$ F to 149 $^{\circ}$ F) Humidity: 90% or less
Protection Level	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection
Dimensions	358.3 mm \times 113.5 mm \times 115.2 mm (14.10" \times 4.47" \times 4.53")
Weight	Approx. 1.77 kg (3.90 lb)

▪ **Dimension**

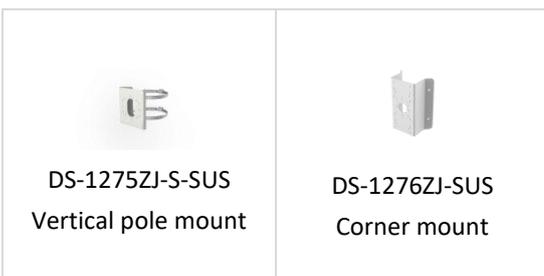


▪ **Accessory**

▪ **Included**



▪ **Optional**



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SERVICES & SOLUTIONS THERMOGRAPHIQUES

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