# DETECCIÓN DE TEMPERATURA CON CÁMARAS HIK VISION







DS-2TD2637B-10/P

Fever Screening Thermal & Optical Network Bullet Camera

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EXPORTO

Hikvision DS-2TD2637B Thermographic Bullet Body Temperature Measurement Camera is able to measure object's temperature at a high accuracy in real time. It is capable to discover and track people with higher body temperature among the crowded public area, it can be widely used in places such as customs, airport, school and hospital for inspection and quarantine.

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#### **Key Feature**

- 384 × 288 high resolution in thermal channel, high sensitivity sensor
- Temperature range: 30°C to 45°C; temperature accuracy: ±0.5 °C
- Reliable temperature exception alarm function
- 4MP resolution in optical channel
- 3D DNR, image detail enhancement

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### Specification

Image Sensor  Max. Resolution  384 x 288  Pixel Interval  Response Waveband  NETD (Noise Equivalent  Temperature Difference) Lens (Focal Length)  IFOV  1.75mrad  Field of View Aperture  Max. Image Resolution  Journal Mail Illumination  Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)  Shutter Speed  Lens (Focal Length)  4 mm  Field of View  84* x 44.8* (H x V)  WDR  Day & Night  Resultion  Display the details of optical 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
Pixel Interval  Response Waveband  8 μm to 14 μm  NETD (Noise Equivalent Temperature Difference) Lens (Focal Length)  1-75 mrad Field of View 37.5° × 28.5° (H × V) Min. Focusing Distance Aperture F 1.0  Optical Module  Max. Image Resolution Image Sensor 1/2.7" Progressive Scan CMOS Min. Illumination Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON) Shutter Speed 1 s to 1/100,000 s Lens (Focal Length) Field of View 84° × 44.8° (H × V)  WDR Day & Night R cut filter with auto switch  Image Function  Bi-spectrum Image Fusion Picture Display the details of optical 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
Response Waveband  NETD (Noise Equivalent Temperature Difference)  Lens (Focal Length)  1.75mrad  Field of View 37.5° × 28.5° (H × V)  Min. Focusing Distance Aperture  F 1.0  Optical Module  Max. Image Resolution  Lens (Focal Length)  Sum to 14 μm  2688 × 1520  Image Sensor  1/2.7" Progressive Scan CMOS  Min. Illumination  Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)  Shutter Speed  1 s to 1/100,000 s  Lens (Focal Length)  4 mm  Field of View  84° × 44.8° (H × V)  WDR  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
NETD (Noise Equivalent Temperature Difference)  Lens (Focal Length)  9.7 mm  IFOV  1.75mrad  Field of View  37.5° × 28.5° (H × V)  Min. Focusing Distance  1 m  Aperture  F 1.0  Optical Module  Max. Image Resolution  Lens (Focal Length)  1 s to 1/100,000 s  Lens (Focal Length)  1 s to 1/100,000 s  Lens (Focal Length)  4 mm  Field of View  84° × 44.8° (H × V)  WDR  Day & Night  IR cut filter with auto switch  Image Function  Bi-spectrum Image Fusion  Display the details of optical channel on the full screen of optical channel  Smart Function  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Temperature Difference)  Lens (Focal Length)  Jordan Module  Max. Image Resolution  Image Sensor  Jordan Min. Illumination  Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)  Shutter Speed  Lens (Focal Length)  Jordan Module  A mm  Field of View  A mm  Field of View  Bay & Night  R cut filter with auto switch  Image Function  Bi-spectrum Image Fusion  Display partial image of thermal channel on the full screen of optical channel  Smart Function  Jemperature Measurement
Temperature Difference)  Lens (Focal Length)  9.7 mm  1FOV  1.75mrad  Field of View  37.5° × 28.5° (H × V)  Min. Focusing Distance  Aperture  F 1.0  Optical Module  Max. Image Resolution  Image Sensor  1/2.7" Progressive Scan CMOS  Min. Illumination  Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)  Shutter Speed  Lens (Focal Length)  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 the full screen of optical channel  Smart Function  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
IFOV  Field of View  37.5° × 28.5° (H × V)  Min. Focusing Distance  Aperture  F 1.0  Optical Module  Max. Image Resolution  Image Sensor  1/2.7" Progressive Scan CMOS  Min. Illumination  Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)  Shutter Speed  1 s to 1/100,000 s  Lens (Focal Length)  Field of View  84° × 44.8° (H × V)  WDR  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  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Field of View  Aperture  Aperture  F 1.0  Optical Module  Max. Image Resolution  Image Sensor  If 2.7" Progressive Scan CMOS  Min. Illumination  Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)  Shutter Speed  Instruction  Shutter Speed  Instruction  Instruction  A mm  Field of View  A thin auto switch  Display the details of optical channel on the full screen of optical channel  Smart Function  Temperature Measurement  Instruction  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Min. Focusing Distance Aperture F 1.0  Optical Module  Max. Image Resolution Image Sensor I/2.7" Progressive Scan CMOS Min. Illumination Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON) Shutter Speed I s to 1/100,000 s Lens (Focal Length) 4 mm Field of View 84° × 44.8° (H × V) WDR 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  3 temperature Measurement 3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Aperture F 1.0  Optical Module  Max. Image Resolution 2688 × 1520  Image Sensor 1/2.7" Progressive Scan CMOS  Min. Illumination Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)  Shutter Speed 1 s to 1/100,000 s  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  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Optical Module  Max. Image Resolution
Max. Image Resolution   2688 × 1520   Image Sensor   1/2.7" Progressive Scan CMOS
Image Sensor  Min. Illumination  Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)  Shutter Speed  1 s to 1/100,000 s  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  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Min. Illumination  Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)  Shutter Speed  1 s to 1/100,000 s  Lens (Focal Length)  4 mm  Field of View  84° × 44.8° (H × V)  WDR  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  3 temperature Measurement  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Shutter Speed 1 s to 1/100,000 s  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  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Lens (Focal Length)  Field of View  84° × 44.8° (H × V)  WDR  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  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Field of View  84° × 44.8° (H × V)  WDR  120 dB  Day & Night  IR cut filter with auto switch  Bi-spectrum Image Fusion  Picture in Picture  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  3 temperature Measurement  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
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  3 temperature Measurement  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
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  3 temperature Measurement  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
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  3 temperature Measurement  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Bi-spectrum Image Fusion  Display the details of optical channel on thermal channel  Display partial image of thermal channel on the full screen of optical channel  Smart Function  3 temperature Measurement  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Picture in Picture  Display partial image of thermal channel on the full screen of optical channel  Smart Function  3 temperature Measurement  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Smart Function  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Temperature Measurement  3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1
Temperature Measurement
Line). CAPULUIII. CAPULUIII
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
Optical: 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Main Stream  60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)  Thermal: 25 fps (1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240)
Optical: 50 Hz: 25 fps (704 × 576, 352 × 288, 176 × 144)
Sub-stream 60 Hz: 30 fps (704 × 480, 352 × 240, 176 × 120)
Thermal: 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	CYDOCOM CYDOCOM	
	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 to 2.4 V [p-p], output impedance: 1 K $\Omega$ ± 10%	
	Audio Output	Linear level, impedance: $600~\Omega$	
	Reset	1, Reset Button	
	Communication Interface	1, RJ45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface	
	SD Memory Card	Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 256 GB)	
	35 Wemory card	Supports manual/alarm recording	
	Analog Video Output	1.0 V [p-p]/75 Ω, 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		
	EXPO	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak,	
	Menu language	French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian,	
	<b>7.00</b>	Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai,	
	XPOCOM	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 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  Temperature: 10 °C to 35 °C (Indoor and windless environment use only)	
	Working Temperature/Humidity	Humidity: 95% or less	
	XPULUIII:	IP66 Standard	
	Protection Level	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 <b>EXPU</b>	Approx. 1.82 kg (4.01 lb)	
	-	=	

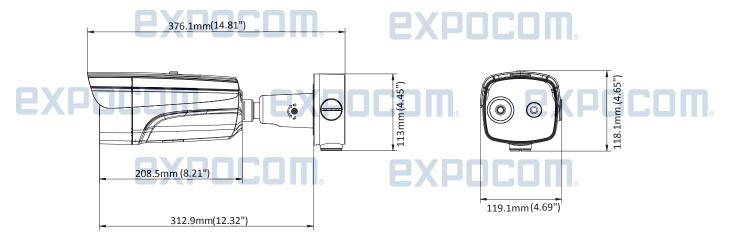


#### **Available Model**

DS-2TD2637B-10/P

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#### **Dimension**



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DS-2TD2617B-6/PA

**Thermographic Bullet Body Temperature Measurement Camera** 



















### **Key Feature**

- 160 × 120 resolution in thermal channel, high sensitivity sensor.
- Point, line and area for temperature measurement
- Temperature range: 30°C to 45°C; temperature accuracy: ±0.5 °C
- Reliable temperature exception alarm function
- 3D DNR, image detail enhancement
- Strobe light and audio alarm



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### Specification

Thermal Module O M. EXPOCO M. EXPOCO			
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays		
Max. Resolution	160 × 120 (the resolution of output image is 320 × 240)		
Pixel Interval	17µm L III.		
Response Waveband	8 μm to 14 μm		
NETD (Noise Equivalent	< 40 ml/ (@35 °C 5# - 1.1)		
Temperature Difference)	≤ 40 mk (@25 °C, F# = 1.1)		
Lens (Focal Length)	6.2 mm — APULUIII		
IFOV	2.74 mrad		
Field of View	25° × 18.7° (H × V)		
Min. Focusing Distance	0.6 m		
Aperture	F 1.1		
Optical Module			
Max. Image Resolution	2688 × 1520		
Image Sensor	1/2.7" Progressive Scan CMOS		
Min. Illumination	Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)		
Shutter Speed	1 s to 1/100,000 s		
Lens (Focal Length)	8 mm		
Field of View	39.42° × 22.14° (H × V)		
WDR	120 dB		
Day & Night	IR cut filter with auto switch		
Image Function			
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel		
EAP	Combines details of thermal and optical image PIP, overlay thermal image on optical		
Picture in Picture	image		
Smart Function			
EXPOCUM.	4 VCA rule types (line crossing, intrusion, region entrance, and region exiting), up to 8		
VCA (Video Content Analysis)	VCA rules in total.		
	3 temperature measurement rule types, 21 rules in total (10 points, 10 areas, and 1		
Temperature Measurement			
Temperature Range	30°C to +45 °C		
Temperature Accuracy	±0.5°C		
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.		
Infrared	EXPULUIII EXPULUIII		
IR Distance	Up to 40 m		
IR Intensity and Angle	Automatically adjusted		
- CAP	WYWIII EAPHLUIII.		



Visible Light; 50Hz; 25fps (2688 x 1520), 25fps (1920 x 1080), 25fps (1280 x 720) Visible Light; 60Hz; 20fps (2688 x 1520), 30fps (1920 x 1080), 30fps (1280 x 720) Thermal: 1280 x 720, 704 x 576, 402 x 480, 325 x 288, 320 x 240 Visible Light; 50Hz; 25fps (704 x 576, 325 x 288), 25fps (176 x 144) Visible Light; 60Hz; 30fps (704 x 360, 30fps (35 2 x 280), 30fps (176 x 120) Thermal: 704 x 576, 352 x 288, 320 x 240 Video Compression  H.265/H.264/MJPEG Audio Compression  G. 711u/Gx/11a/Gx/222.H/MP2L2/Gx/26/PCM Protocols  FTCP, RTP, TCP, UDP, (GMP, ICMP, DHCP, PPPOE  Simultaneous Live View  Up to 20 User/Host Level  Up to 20 User/Host Level  Up to 32 users, 3 levels: Administrator, Operator, User  Security Measures  Live authentication (Ito and PW), MAC address binding, HTTPS encryption, IEEE 802.1x access control, IP address filtering  Integration  Alarm Output  2 ch inputs (0-5 VDC) Alarm Output  3, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ tink  1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 Lines  Audio Output  Linear level, impedance: 600 Ω  Reset  1, Reset Button  Communication Interface  3D Memory Card  Supinors manual/alarm recording  Chent  VMS-4200, Hik Connect  Web Browser  159+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  32 Languages  English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Filmish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Victnamese, Japanese, Letvan, Lithiarnian, Portuguese [Brazili]  Power  Power  Power  Power (802.3af, class 3)  12 VDC ± 20%, tox-core terminal block  Poe (802.3af, class 3)  Power Consumption	Network		
Sub-stream  Visible Light: 60Hz: 30fps (704 × 480), 30fps (352 × 240), 30fps (176 × 120)  Thermal: 704 × 576, 352 × 288, 320 × 240  Video Compression  Audio Compression  G.711u/G.711a/G.712a/G.722.1/MP2L2/G.726/PCM  Protocols  Simultaneous Live View  Up to 32  User /Host Level  Up to 32 users, 3 levels: Administrator, Operator, User  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  SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/white light alarm  Audio Input  1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%  Audio Output  Linear level, impedance: 600 Ω  Reset  1, Reset Button  Communication Interface  1, R45 10M/100M self-adaptive Ethernet interface. 1, R5-485 interface  Bull-In-micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB) supports manual/alarm recording  Analog Video Output  1.0 V [p-p]/75 Ω, PALT/75 Ω, PALT	P	Main Stream	Visible Light: 60Hz: 30fps (2688 × 1520), 30fps (1920 × 1080), 30fps (1280 × 720)  Thermal: 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240
Audio Compression  G.711u/G.711a/G.722.1/MP2L2/G.726/PCM  Protocols  RTCP, RTP, TCP, DDP, IGMP, ICMP, DHCP, PPDe  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  Alarm Action  Alarm Action  Alarm Action  1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%  Audio Output  Reset  1, Reset Button  Communication Interface  SD Memory Card  Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB)  Supports manual/alarm recording  Analog Video Output  1.0 V [p-p]/75 Ω, PAL/NTSC  Application Programming  Client  IVMS-4200, Hilk-Connect  Web Browser  Beglish, 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, Japaneses, Latvian, Lithuanian, Portuguese (Brazil)  12 VDC ± 20%, two-core terminal block  Poer (802.3af, class 3) + 2.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C  Ver Survey Card Survey (10 of 50 °C)  Ver Survey (10 of 50 °C)  Power Consumption  Analog Video Consumption  Analog V		Sub-stream <b>EXP</b>	Visible Light: 60Hz: 30fps (704 × 480), 30fps (352 × 240), 30fps (176 × 120)
Protocols  IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, 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  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  SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/white light alarm  1, 3-5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%  Audio Output  Linear level, impedance: 600 Ω  Reset  1, Reset Button  Communication Interface  SD Memory Card  Sulft-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB) Supports manual/alarm recording  Analog Video Output  1, OV [p-p]/75 Ω, PAL/NTSC  Application Programming  Client  Vivis-4200, Hik-Connect  Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  Power  12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)  12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3) + 24.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C  Vorking Temperature/Humidity  Temperature: -20 °C to 50 °C		Video Compression	H.265/H.264/MJPEG
RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPOE  Simultaneous Live View Up to 32 users, 3 levels: Administrator, Operator, User  User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1x access control, IP address filtering  Integration  Alarm Input Alarm Output 2-ch relay outputs, slarm response actions configurable SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/white light alarm  Audio Input 1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%  Audio Output Linear level, impedance: 600 Ω Reset 1, Reset Button Communication Interface 1, RI45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB) supports manual/alarm recording  Analog Video Output 1.0 V [p-p]/75 Ω, PAL/NTSC Application Programming Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform Client IVMS-4200, Hik-Connect Web Browser IE9+, Chrome 31-44, Firefox 30-51, Safari S.02+(mac)  General  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 (Brazii) 12 VDC ± 20%: 0.65 A, max. 7.5 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W Temperature: -20 °C to 50 °C		Audio Compression	G.711u/G.711a/G.722.1/MP2L2/G.726/PCM
User/Host Level   Up to 32 users, 3 levels: Administrator, Operator, User		Protocols	
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  SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/white light alarm  Audio Input  1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%  Audio Output  Linear level, impedance: 600 Ω  Reset  1, Reset Button  Communication Interface  1, RJ45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface  Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB) supports manual/alarm recording  Analog Video Output  1.0 V [p-p]/75 Ω, PAL/NTSC  Application Programming  Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform  Client  IVMS-4200, Hik-Connect  Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  32 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  Poer (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		Simultaneous Live View	Up to 20
Integration   Alarm Input   2-ch inputs (0-5 VDC)   Alarm Output   2-ch relay outputs, alarm response actions configurable   SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/white light alarm   1, 3-5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%   Audio Output   Linear level, impedance: 600 Ω   Reset   1, Reset Button   1, R45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface   SD Memory Card   Suipports manual/alarm recording   Analog Video Output   1.0 V [p-p]/75 Ω, PAL/NTSC   Application Programming   Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform   ICHent   IVMS-4200, Hik-Connect   Web Browser   IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)   General   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, Latwian, Lithuanian, Portuguese (Brazill)   12 VDC ± 20%, two-core terminal block   PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W   Temperature: -20 °C to 50 °C   Tem		User/Host Level	Up to 32 users, 3 levels: Administrator, Operator, User
Alarm Input  2-ch inputs (0-5 VDC)  Alarm Output  2-ch relay outputs, alarm response actions configurable  SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/white light alarm  Audio Input  1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%  Audio Output  Linear level, impedance: 600 Ω  Reset  1, Reset Button  Communication Interface  1, R45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface  Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB)  Supports manual/alarm recording  Analog Video Output  1.0 V [p-p]/75 Ω, PAL/NTSC  Application Programming  Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform  Client  iVMS-4200, Hik-Connect  Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  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)  12 VDC ± 20%, two-core terminal block  PoE (802.3af, class 3)  Power Consumption  12 VDC ± 20%: 0.65 A, max. 7.5 W  PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		Security Measures	
Alarm Output  2-ch relay outputs, alarm response actions configurable  SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/white light alarm  Audio Input  1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%  Audio Output  Linear level, impedance: 600 Ω  Reset  1, Reset Button  Communication Interface  1, RI45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface  Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB)  Supports manual/alarm recording  Analog Video Output  1.0 V [p-p]/75 Ω, PAL/NTSC  Application Programming  Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform  iVMS-4200, Hik-Connect  Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  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  Power Consumption  12 VDC ± 20%, two-core terminal block  Pofe (802.3af, class 3)  12 VDC ± 20%: 0.65 A, max. 7.5 W  PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C	E	' X LJ	2-ch inputs (0-5 VDC) DCOM.
Alarm Action    SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/white light alarm   Audio Input	-	·	·
Audio Output  Linear level, impedance: 600 Ω  Reset  1, Reset Button  Communication Interface  1, RJ45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface  SD Memory Card  Supports manual/alarm recording  Analog Video Output  1.0 V [p-p]/75 Ω, PAL/NTSC  Application Programming  Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform  Client  Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  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  12 VDC ± 20%, two-core terminal block  PoE (802.3af, class 3)  12 VDC ± 20%: 0.65 A, max. 7.5 W  PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Working Temperature/Humidity  Temperature: -20 °C to 50 °C		OVDE	SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/white
Reset 1, Reset Button  Communication Interface 1, RJ45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface  Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB) Supports manual/alarm recording  Analog Video Output 1.0 V [p-p]/75 Ω, PAL/NTSC  Application Programming Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform  Client iVMS-4200, Hik-Connect  Web Browser IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  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  12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)  Power Consumption  Temperature: -20 °C to 50 °C  Temperature: -20 °C to 50 °C	-	Audio Input	
Communication Interface  1, RJ45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface  Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB)  Supports manual/alarm recording  Analog Video Output  1.0 V [p-p]/75 Ω, PAL/NTSC  Application Programming  Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform  Client  iVMS-4200, Hik-Connect  Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  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  12 VDC ± 20%, two-core terminal block  PoE (802.3af, class 3)  12 VDC ± 20%: 0.65 A, max. 7.5 W  PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C	Ø	Audio Output	Linear level, impedance: 600 Ω
SD Memory Card  Built-in micro SD card slot, support Micro SD/SDHC/SDXC card (up to 128 GB) Supports manual/alarm recording  Analog Video Output  1.0 V [p-p]/75 Ω, PAL/NTSC  Application Programming  Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform  Client  Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  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  12 VDC ± 20%, two-core terminal block  PoE (802.3af, class 3)  12 VDC ± 20%: 0.65 A, max. 7.5 W  PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		Reset	1, Reset Button
Supports manual/alarm recording  Analog Video Output  1.0 V [p-p]/75 Ω, PAL/NTSC  Application Programming  Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform  Client  iVMS-4200, Hik-Connect  Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  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  Power Consumption  12 VDC ± 20%; two-core terminal block PoE (802.3af, class 3)  12 VDC ± 20%: 0.65 A, max. 7.5 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		Communication Interface	1, RJ45 10M/100M self-adaptive Ethernet interface. 1, RS-485 interface
Application Programming  Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform  iVMS-4200, Hik-Connect  Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  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)  12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)  Power Consumption  12 VDC ± 20%: 0.65 A, max. 7.5 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		SD Memory Card	
Client  iVMS-4200, Hik-Connect  Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  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  12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)  Power Consumption  12 VDC ± 20%: 0.65 A, max. 7.5 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		Analog Video Output	1.0 V [p-p]/75 Ω, PAL/NTSC
Web Browser  IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)  General  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)  12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)  Power Consumption  PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		Application Programming	Open-ended API, support ISAPI, HIKVISION SDK and third-party management platform
General  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)  12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)  12 VDC ± 20%: 0.65 A, max. 7.5 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		Client	iVMS-4200, Hik-Connect
Balanguages 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)  12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)  12 VDC ± 20%: 0.65 A, max. 7.5 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		Web Browser	IE9+, Chrome 31-44, Firefox 30-51, Safari 5.02+(mac)
English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, Menu language French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)  12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)  12 VDC ± 20%: 0.65 A, max. 7.5 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		General	
Power Consumption  Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)  12 VDC ± 20%, two-core terminal block PoE (802.3af, class 3)  12 VDC ± 20%: 0.65 A, max. 7.5 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Temperature: -20 °C to 50 °C		Menu language	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian,
Power PoE (802.3af, class 3)  12 VDC ± 20%: 0.65 A, max. 7.5 W  PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Working Temperature/Humidity  Temperature: -20 °C to 50 °C		XPULUIII	evaleam evaleam
Power Consumption  PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 8 W  Working Temperature/Humidity  Temperature: -20 °C to 50 °C		Power	
Working Temperature/Humidity		Power Consumption	
		Working Temperature/Humidity	·



	Due to etion Level	IP66 Standard
	Protection Level	TVS 6000V lightning protection, surge protection, voltage transient protection
Dimensions 358.3 mm × 113.5 mm × 115.2 mm (14.10" × 4.47" × 4.53")		358.3 mm × 113.5 mm × 115.2 mm (14.10" × 4.47" × 4.53")
	Weight	Approx. 1.76 kg (3.88 lb)

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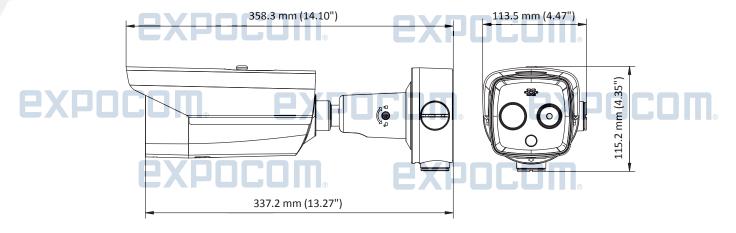


#### Available Model

DS-2TD2617B-6/PA

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**Dimension** 



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DS-2TD1217B-6/PA

**Thermographic Turret Body Temperature Measurement Camera** 



























Hikvision DS-2TD1217B Thermographic Turret Body Temperature Measurement Camera is able to measure object's temperature at a high accuracy in real time. It is capable to discover and track people with higher body temperature among the crowded public area, it can be widely used in places such as customs, airport, school and hospital for inspection and quarantine.

### **Key Feature**

- 160 × 120 resolution in thermal channel, high sensitivity sensor.
- Temperature range: 30°C to 45°C; temperature accuracy: ±0.5 °C
- Reliable temperature exception alarm function
- 3D DNR, image detail enhancement
- Strobe light and audio alarm

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### Specification

Thermal Module	EXECUTE EXECUTE	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	
Max. Resolution	160 × 120 (the resolution of output image is 320 × 240)	
Pixel Interval	17 µm D D D C D D	
Response Waveband	8 μm to 14 μm	
NETD	Less than 40 mK (25°C), F# = 1.1	
Lens (Focal Length)	6.2 mm	
IFOV — L L .	2.74 mrad	
Field of View	25.0° × 18.7° (H × V)	
Min. Focusing Distance	0.6 m	
Aperture <b>E</b>	F1.COM. EXPOCOM.	
Optical Module		
Max. Image Resolution	2688 × 1520	
Image Sensor	1/2.7" Progressive Scan CMOS	
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	
Lens (Focal Length)	8 mm C III	
Field of View	39.42° × 22.14°(H × V)	
WDR	120 dB	
Day & Night	IR cut filter with auto switch	
Image Function	EXPOCOM. EXPOCOM	
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel	
Picture in Picture	Combines details of thermal and optical image PIP, overlay thermal image on optical image	
Smart Function		
VCA (Video Content Analysis)	4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 8 VCA rules totally.	
Temperature Measurement	3 temperature measurement rule types, 21 rules (10 points, 10 areas, and 1 line).	
Temperature Range	30 °C to +45 °C	
Temperature Accuracy	± 0.5°C	
Fire detection	Dynamic fire point detection, up to 10 fire points detectable.	
Infrared		
IR Distance IR Intensity and Angle	Up to 15 m Automatically adjusted CO  Automatically Automatically CO  Automatically Automatically CO  Automatic	
Network		
Main Stream	Visible Light: 50Hz: 25fps (2688 × 1520), 25fps (1920 × 1080), 25fps (1280 × 720)  Visible Light: 60Hz: 30fps (2688 × 1520), 30fps (1920 × 1080), 30fps (1280 × 720)  Thermal: 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240	



		Visible Light: 50Hz: 25fps (704 × 576), 25fps (352 × 288), 25fps (176 × 144)
	Sub-Stream	Visible Light: 60Hz: 30fps (704 × 480), 30fps (352 × 240), 30fps (176 × 120)
	VDOOD	Thermal: 704 × 576, 352 × 288, 320 × 240
E	Video Compression ®	H.265/H.264/MJPEG
	Audio Compression	G .711u/G.711a/G.722.1/MP2L2/G.726/PCM
	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
	Simultaneous Live View	Up to 20
	User/Host Level	Up to 32 users, 3 levels: Administrator, Operator, User
E	Security Measures	User authentication (ID and PW), MAC address binding, HTTPS encryption, IEEE 802.1x access control, IP address filtering
	Integration	
	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 alarm/white light alarm
8	Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 K $\Omega$ ± 10%
-	Audio Output	Linear level; impedance: 600 Ω
	Reset	1 Reset Button
	Communication Interface	1, RJ45 10M/100M Self-adaptive Ethernet interface. 1, RS-485 interface
	SD Memory Card	Built-in MicroSD card slot, supporting MicroSD/SDHC/SDXC card (up to 256 G),
	Analog Video Output	supports manual/alarm recording  1.0 V [p-p]/75 Ω, PAL/NTSC
	Analog video Output	Open-ended API, supporting ISAPI, HIKVISION SDK, and third-party management
	Application Programming	platform
	Client	iVMS-4200, Hik-Connect
	Web Browser	IE9+, chrome31-44, Firefox 30-51, Safari 5.02+ (mac)
	General	
8	XPOCOM.	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak,
	Menu Language	French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian,
		Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai,
	<u> </u>	Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)  12 VDC ± 20%, two-core terminal block
	Power	PoE (802.3af, class 3)
Р	Power Consumption	12 VDC ± 20%: 0.5 A, max. 6 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 6.5 W
	Working Temperature/Humidity	-20 °C to 50 °C
		95% or less
	Protection Level	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection
	Dimension	138.3 mm × 138.3 mm × 123.1 mm (5.45 " × 5.45" × 4.85 ")
	Weight	940 g (2.07 lb)

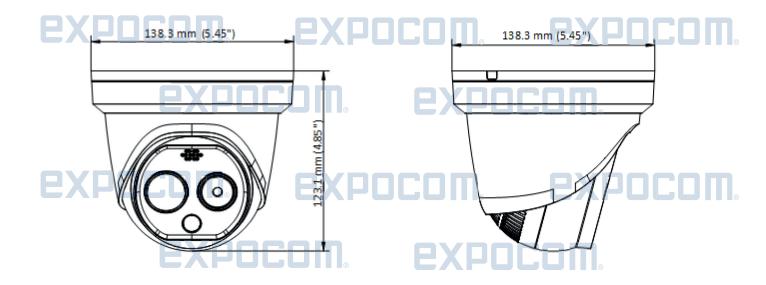


Available Model DS-2TD1217B-6/PA

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**Dimension** 

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### **EXPOCOM**

### DS-2TP31B-3AUF

**Body Temperature Measurement Camera** 

**EXPOCOM**。

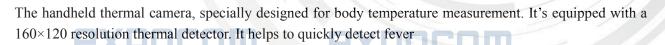
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### **Key Features**

- $160 \times 120$  resolution
- Thermographic accuracy up to ±0.5 °C
- 320 × 240 resolution 2.4" LCD display
- Built-in rechargeable Li-ion battery
- Up to 8 hours continuous running

### **EXPOCOM**.

#### **Functions**

#### **Thermography**

Device detects the real-time temperature, and display it on the screen.

Storage

Device is equipped with replaceable memory card to store recorded captured snapshots, and important data.

Palette

Device supports 4 palettes.

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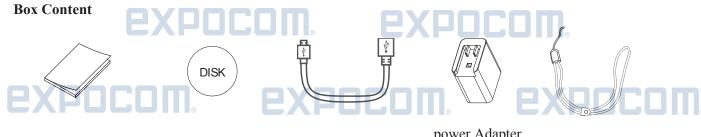


Specification			
	Model	DS-2TP31B-3AUF	
Parameter		Handheld Thermography Camera	
	Image sensor	Uncooled Focal Plane Arrays	
	Max. Resolution	160 × 120	
	Pixel Pitch	17μm	
	Response waveband	8μm to 14μm	
Thermal	NETD = X	< 40mK (@ 25 °C,F#=1.0)	
Module	Field of View	37.2° × 50 °	
	Focal length	3.1 mm	
	IFOV (mrad)	5.48 mrad	
	Min. Focus Length	≥ 150 mm	
	Aperture	F 1.1	
Image Display	Monitor	320 × 240 resolution 2.4" LCD display	
Image Display	Palettes	Black hot, White hot, Rainbow, Ironbow	
	Rules	3 thermometry points: Max. Temperature; Min. Temperature; Center Temperature	
Thermography	Thermographic Range	30°C to 45 °C	
E	Thermographic Accuracy	±0.5 °C	
Battery	Battery Type	Rechargeable Lithium Battery	
Dattery	Battery Operating Time	8 hours continuous running	
	Laser Light	Support (Point to the thermography target)	
	Storage	Replaceable memory card (default 8G, support up to 128G storage)	
Functions	Photo	Thermal image	
	Video	N.A.	
	Language	English	
	Power	3.7 V DC/0.4 A	
	Power Consumption	Less than 1.2 W	
EXPUL	Hardware Interface	micro USB	
	Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	
General	Protection level	IP54	
	Drop Test Height	2 m (6.56 feet)	
	Dimension	196 mm × 117 mm × 59 mm (7.7 " × 4.6 " × 2.3 ")	
	Weight	Approx. less than 350 g (0.77 lb)	
EXPOC	Accessory	Power Adaptor, USB cable, 8GB memory card, User manual, Disk, Wrist Strap	



Order Models DS-2TP31B-3AUF

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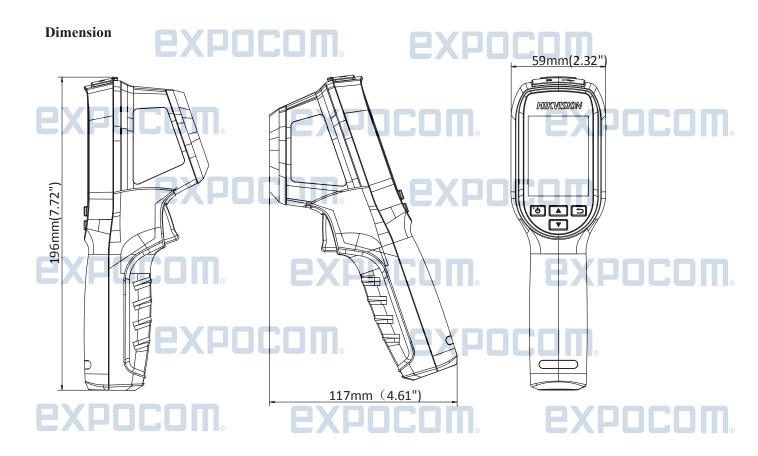
User Manual (×1)

USB Cable (x1)

power Adapter

Wrist Strap (x1)

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### DS-2TP21B-6AVF/W

**Fever Screening Handheld Camera** 

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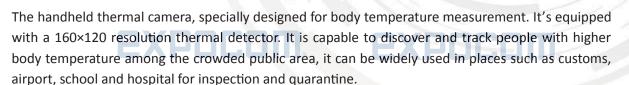














**EXPOCOM** 

**EXPOCO**M

#### **Key Feature**

- 160 × 120 resolution (thermal), and 8 MP resolution (optical)
- Thermographic accuracy up to ±0.5 °C
- Display fusion of thermal view and optical view.
- 640 × 480 resolution 3.5" LCD touch display
- Support live view on PC, mobile device or external monitor
- Support audio intercom
- Support color highlight alarm and audio alarm

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A	Specification	M. EXP	ncom expocom
		Model	DS-2TP21B-6AVF/W
	Parameter		Thermographic Handheld Camera
	E.	Image sensor	Uncooled Focal Plane Arrays
		Resolution	25Hz: 160 × 120
		Pixel Pitch	17μm
	VDOO.	Response waveband	8μm to 14μm
	Thermal Module	NETD E	< 40 mk (@ 25 °C,F#=1.0)
		Field of View	25° × 18.7°
		Focal length	6.2 mm (Manual focus)
		IFOV	2.74 mrad
		Aperture	F1.1 LAPOUUIII
	Optical Module	Picture Resolution	Configurable: 2 MP, 5 MP, 8 MP
		Video Resolution	640 × 480
	XDDC0	Monitor	640 × 480 resolution 3.5" LCD touch display
		Palettes	Black hot, White hot, Red hot, Rainbow, Ironbow, Fusion, Rain
		Digital Zoom	Thermal: 1×, 2×, 4×
	Image Display	Thermal / Optical	Thermal/Optical/Fusion image/Picture in picture
		Picture in Picture	Support Thermal View in Optical View
		Fusion	Support (Thermal View and Optical View Combined)
	V	Record Video	Support on-board video recording
	XPUCU	III PXD	Max. Temperature; Min. Temperature; Center
	Themsesses	Rules	Temperature; Custom Point/Line/Area Thermography
	Thermography  E  XPOCO	Range	30°C to 45°C
		Accuracy	±0.5°C
		Battery Type	Dismountable and rechargeable Li-ion Battery
			5 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light off.
		Battery Operating Time	4 hours in normal temperature, with Wi-Fi, Bluetooth,
			and supplement light on.
		Storage	Built-in memory module (16 G)
	Battery	Photo	Thermal/Optical/Fusion image
		Video	Thermal/Optical/Fusion image
		Wi-Fi	Support Support
	XPOCO General	Text Comment	Support
<b>E</b>		Voice Comment	Support
		Language	English EXPL S
		Power	5 VDC/2 A
		Power Consumption	Max. 4.5 W
		Hardware Interface	Type-C Interface
		Working Temperature	15°C to 35 °C
		Protection level	IP54
		Drop Test Height	2 m (6.56 feet)



**EXPOCOM** 

244 mm  $\times$  100 mm  $\times$  104 mm (9.6  $\times$  3.9  $\times$  4.1 ) Dimension With Battery: 653 g (1.44 lb) Weight Without Battery: 511 g (1.13 lb) 2XPOCOM. **EXPOCOM Available Model** DS-2TP21B-6AVF/W EXPOCOM. **EXPOCOM Dimension** 100mm (3.94") **EXPOCOM** 244mm (9.6") **EXPOCOM EXPOCOM** 104mm (4.1") EXPOCOM. EXPOCOM. **EXPOCOM**. **EXPOCOM** 

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# COMUNICACIÓN SIN LÍMITES

BCN · Diputació 118, baixos - 08015 93 451 23 77

VAL · Av. Tribunal de les Aigües 15 - 46120 **96 314 51 08** 

expocom@expocomsa.es

www.expocomsa.com