

Photoelectric Beam Detector (ABE-50/100/150/200/250)

Product Description

Features:

3 Synchronized Pulsed Beams
99.5% Beam Blocking Stability
Frost and Dew Protection
High Grade Aspherical Lens
10 LED Indicators for Quick Alignment
Adjustable Beam Interruption Period
A. G. C(Automatic Gain Control) Circuit

Model: ABE-50/100/150/200/250

Detection method: Active Infrared Beam

Detection Range:

Outdoor: 50m/100m/150m/200m/250m

Indoor: 150m/300m/450m/600m/750m

Beam characteristics: Pulsed infrared dual beams

Interruption period: 50~700m sec(selectable)

Power input: DC12~24V/AC11~18V

Current consumption: 70mA max/80mA max/90mA max/100mA max/100mA max

Alarm period: 2Sec(± 1)nominal

Alarm output: Form C relay (AC/DC 30V 0.5A max)

Tamper switch: N. C. Opens when cover is removed (receiver only)

Environment humidity: 95% max

Alignment angle: ± 10° Vertical, ± 90° Horizontal

Mounting: Wall or pole

Weight: 2168g(Both transmitter and receiver)

Dimension: 285*90*96mm

Appearance: PC Resin(Black)



Model		ABE-50	ABE-100	ABE-150	ABE-200	ABT-250
Detection method		Active Infrared Beam				
Range	Outdoor	50m	100m	150m	200m	250m
	Indoor	150m	300m	450m	400m	750m
Beam characteristics		Pulsed infrared dual beams				
Interruption period		50~700m sec(selectable)				
Power input		DC12~24V/AC11~18V				
Current consumption		70mA max	80mA max	90mA max	100mA max	100mA max
Alarm period		2Sec(±1)nominal				
Alarm output		Form C relay (AC/DC 30V 0.5A max)				
Tamper switch		N.C.Opens when cover is removed (receiver only)				
Operating temperature		-25~+55				
Environment humidity		95% max				
Alignment angle		±10°vertical, ±90°horizontal				
Mounting		Wall or pole				
Weight		2168g(Both transmitter and receiver)				
Dimension		285*90*96mm				
Appearance		PC Resin(Black)				

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DS-3E0106P-E/M
4 Port Fast Ethernet Unmanaged PoE Switch



- 4 x 10/100 Mbps PoE port, and 2 x 10/100 Mbps RJ45 port.
- IEEE 802.3at/af standard for PoE ports (Max. 35 W PoE output).
- IEEE 802.3, IEEE 802.3u, and IEEE 802.3x standard.
- 6 kV surge protection for PoE ports.
- Up to 300 m long-range transmission.
- Wire-speed forwarding.
- Store-and-forward switching.
- Solid high-strength metal shell.
- Reliable fan-free design.

▪ Approval

CE/FCC/REACH/WEEE/ROHS/UL/RCM/IC/CB

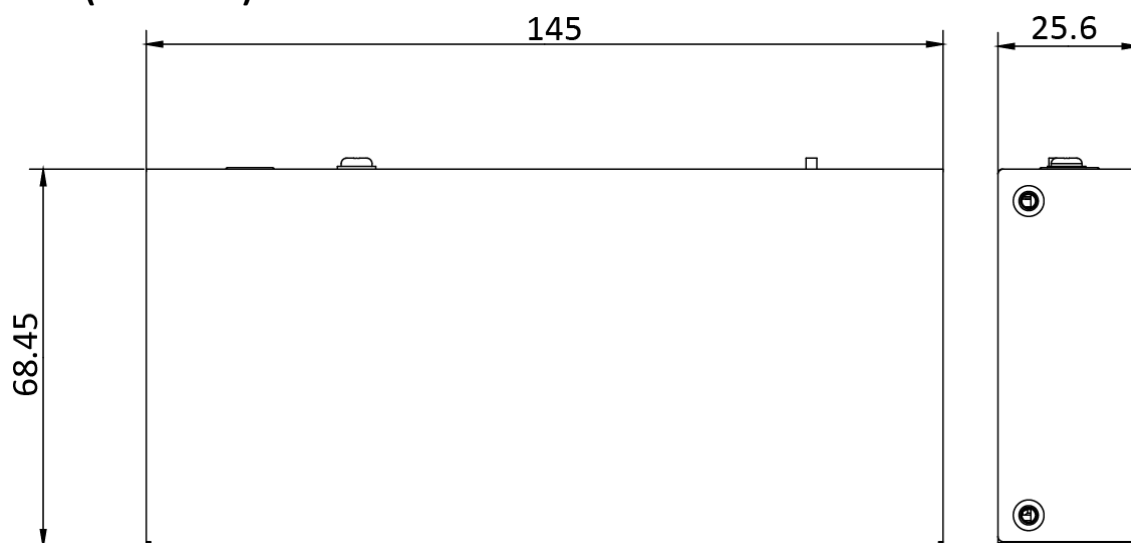
▪ Specification

Model		DS-3E0106P-E/M
General	Shell	Metal material
	Net Weight	0.27 kg (0.60 lb)
	Gross Weight	0.52 kg (1.15 lb)
	Dimensions (W × H × D)	145 mm × 68.45 mm × 25.6 mm (5.71" × 2.69" × 1.01")
	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
	Storage Temperature	−40 °C to 85 °C (−40 °F to 185 °F)
	Operating Humidity	5% to 95% (no condensation)
	Relative Humidity	5% to 95% (no condensation)
	Power Supply	48 V DC, 0.8 A
	Max. Power Consumption	30 W
	Installation Mode	Desk-Mounted, Wall-Mounted
	Power Consumption in Idle	3 W
	Surge Protection	6 kV
	Surge Protection	6 kV
Network Parameters	Ports	4 x 10/100 Mbps PoE port, 2 x 10/100 Mbps RJ45 port
	MAC Address Table	2 K
	Switching Capacity	1.2 Gbps
	Packet Forwarding Rate	0.89 Mpps
	Internal Cache	768 Kbits
PoE Power Supply	PoE Standard	IEEE 802.3af; IEEE 802.3at
	PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
	PoE Port	PoE: Ports 1 to 4
	Max. Port Power	30 W
	PoE Power Budget	35 W
Dialing Function	Long Range	Ports 1 to 4: up to 300 m. Long range performance may vary depend on camera model or cable condition.
Software Function	VIP Port	Ports 1 to 2: data on VIP ports is preferentially forwarded when bandwidth resources are insufficient.
Approval	EMC	FCC (47 CFR Part 15, Subpart B), CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020), IC (ICES-003: Issue 7:2020), RCM (AS/NZS CISPR 32: 2015)
	Safety	UL (UL 60950-1), CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)
	Chemistry	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No.1907/2006)

▪ Available Model

DS-3E0106P-E/M

▪ **Dimension (Unit: mm)**



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DS-2CD2087G2H-LI(U)
8 MP Smart Hybrid Light with ColorVu Fixed Mini Bullet Network Camera

ColorVu



- High quality imaging with 8 MP resolution
- Smart Hybrid Light: advanced technology with long range
- Clear imaging against strong back light due to 130 dB WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle classification based on deep learning
- -U: Built-in microphone for real-time audio security
- Water and dust resistant (IP67)

▪ Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 105.1°, vertical FOV 54.8°, diagonal FOV 128.2° 4 mm, horizontal FOV 90.0°, vertical FOV 45.8°, diagonal FOV 109.4°
Lens Mount	M16
Iris Type	Fixed
Aperture	F1.0
Depth of Field	2.8 mm: 3.3 m to ∞ 4 mm: 3.8 m to ∞
DORI	
DORI	2.8 mm: D: 89 m, O: 35 m, R: 17 m, I: 8 m 4 mm: D: 109 m, O: 43 m, R: 21 m, I: 10 m
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	Up to 40 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.
Video Compression	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, *Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream

Audio	
Audio Compression	-U: G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	-U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 Kbps to 64 Kbps (AAC-LC)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)
Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	-U: Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets, SRTP, SFTP
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.1/1.2/1.3, host authentication (MAC address)
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR)
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
SNR	≥ 52 dB
Wide Dynamic Range (WDR)	130 dB
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Microphone	-U: Yes
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, trigger recording, trigger capture, send email
Smart Event	Scene change detection
Deep Learning Function	
Face Capture	Yes

Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)
General	
Power	12 VDC $\pm$ 25%, 0.58 A, max. 7 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 8.5 W
Material	Front cover: Metal, body: Metal, bracket: Metal
Dimension	$\varnothing$ 74.4 mm $\times$ 179.2 mm ($\varnothing$ 2.9" $\times$ 7.1")
Package Dimension	234 mm $\times$ 120 mm $\times$ 117 mm (9.2" $\times$ 4.7" $\times$ 4.6")
Weight	Approx. 525 g (1.2 lb.)
With Package Weight	Approx. 750 g (1.7 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
General Function	Heartbeat, mirror, password reset via email, pixel counter, anti-banding
Language	33 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), Ukrainian
Approval	
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014, IC: ICES-003: Issue 7, KC: KN32: 2015, KN35: 2015, RCM: AS/NZS CISPR 32: 2015
Safety	UL: UL 62368-1, CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environment	CE-RoHS: 2011/65/EU
Protection	IP67: IEC 60529-2013

▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

Available Model

DS-2CD2087G2H-LIU(2.8mm)/Black

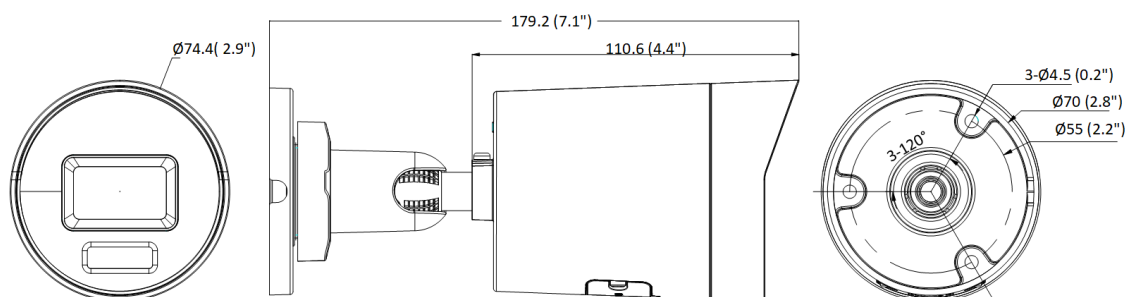
DS-2CD2087G2H-LI(2.8mm)

DS-2CD2087G2H-LI(4mm)

DS-2CD2087G2H-LIU(2.8mm)

DS-2CD2087G2H-LIU(4mm)

Dimension



Unit: mm (inch)

Accessory

Optional

DS-1275ZJ-SUS Vertical Pole Mount	DS-1276ZJ-SUS Corner Mount	DS-1280ZJ-XS Junction Box
		
DS-1275ZJ-SUS(BLACK) Vertical Pole Mount	DS-1276ZJ-SUS(BLACK) Corner Mount	DS-1280ZJ-XS(BLACK) Junction Box
		

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iDS-7204HQHI-M1/S TURBO ACUSENSE DVR

Key Feature

- 4 channels and 1 HDD 1U AcuSense DVR
- False alarm reduction through human and vehicle target classification based on deep learning
- Efficient H.265 pro+ compression technology
- Encoding ability up to 1080p @ 15 fps
- 5 signals input adaptively (HDTVI/AHD/CVI/CVBS/IP)
- Up to 6 network cameras can be connected.



Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 1080p resolution

Storage and Playback

- Smart search for efficient playback

Smart Function

- Deep learning-based motion detection, and perimeter protection (line crossing and intrusion detection)
- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

Network & Ethernet Access

- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

▪ Specification

Motion Detection 2.0	
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported;
Perimeter Protection	
Human/Vehicle Analysis	Up to 2-ch
Facial Detection	
Facial Detection and Capture	Face picture detection, face picture search
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	When 1080p Lite mode is not enabled: 4 MP Lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode is enabled: 4 MP Lite/1080p Lite/720p Lite/VGA/WD1/4CIF/CIF
Frame Rate	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)
Video Bitrate	32 Kbps to 6 Mbps
Dual-stream	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps

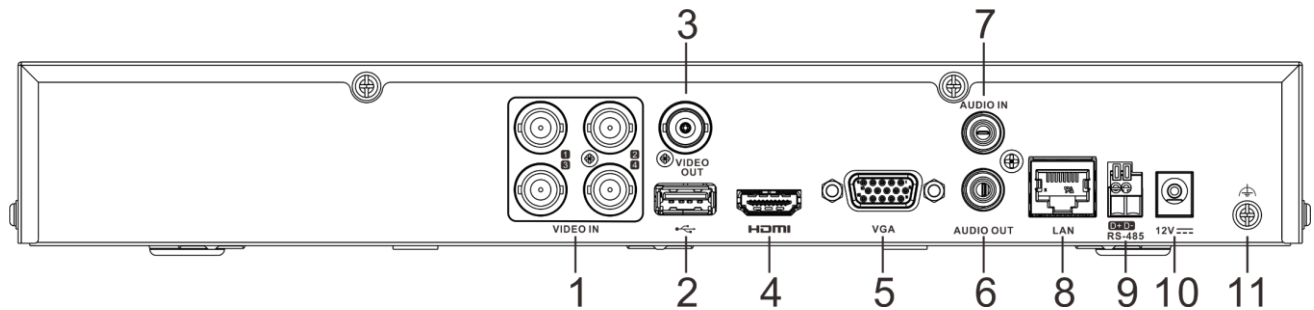
Video and Audio	
IP Video Input	1-ch (up to 5-ch) Up to 6 MP resolution Enhanced IP mode on: 2-ch (up to 6-ch), each up to 4 Mbps Support H.265+/H.265/H.264+/H.264 IP cameras
Analog Video Input	4-ch;BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDMI Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output
CVBS Input	PAL/NTSC
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Synchronous playback	4-ch
HDTVI Input	4 MP, 3 MP, 1080p30, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps *: The 3 MP signal input is only available for channel 1 of iDS-7204HQHI-M1/S, for channel 1/2 of iDS-7208HQHI-M1/S, and for channel 1/2/3/4 of iDS-7216HQHI-M1/S.
AHD Input	4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
HDCVI Input	4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ),4-ch via coaxial cable
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)
Network	
Total Bandwidth	72 Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Remote Connection	32
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface
Auxiliary Interface	
SATA	1 SATA interface
Capacity	Up to 10 TB capacity for each disk
Serial Interface	RS-485 (half-duplex)
USB Interface	2 × USB 2.0
Alarm In/Out	N/A

General	
Power Supply	12 VDC, 1.5A
Consumption	≤ 18 W
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)
Weight	≤ 1.16 kg (2.6 lb)

Note:

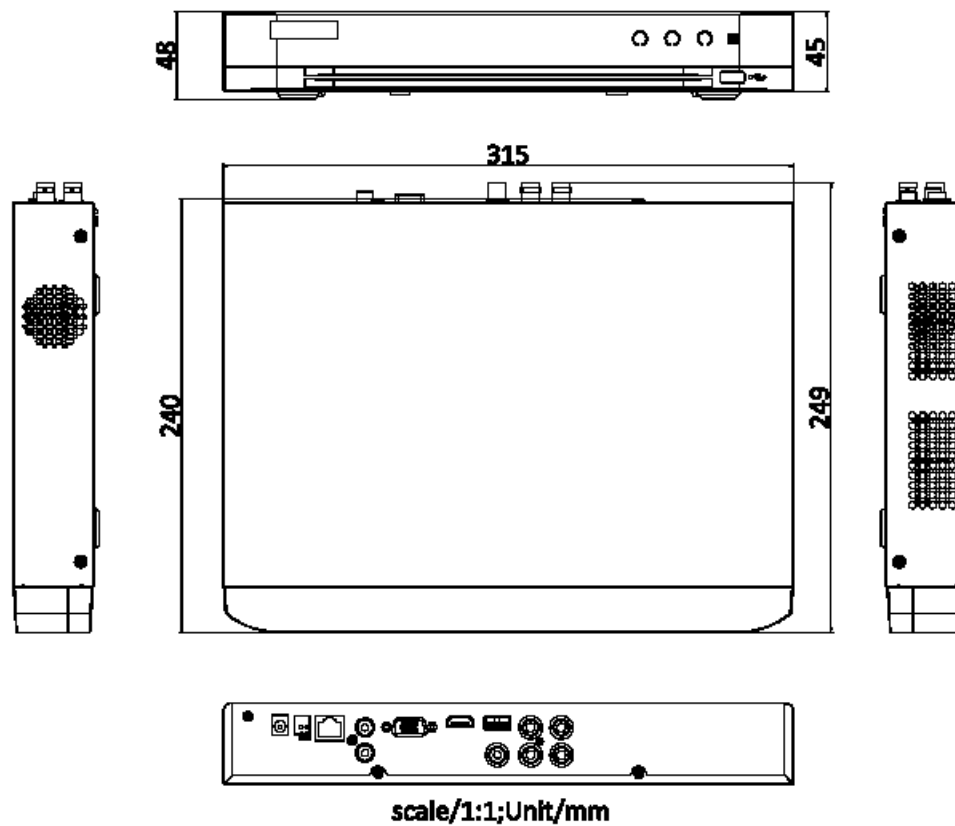
- 1: Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the other one unavailable.
- 2: Enhanced IP mode might be conflicted with smart events (motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.
- 3: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.

Physical Interface



No.	Description	No.	Description
1	VIDEO IN	7	AUDIO IN, RCA connector
2	USB interface	8	LAN network interface
3	VIDEO OUT	9	RS-485 serial interface
4	HDMI interface	10	12 VDC power input
5	VGA interface	11	GND
6	AUDIO OUT, RCA connector		

Dimension



Available Model

iDS-7204HQHI-M1/S

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DS-7604NXI-K1 (B) 4-ch 1U K Series AcuSense 4K NVR

Key Feature

- Up to 4-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 1-ch@12 MP or 2-ch@8 MP or 4-ch@4 MP or 8-ch@1080p decoding capacity
- Up to 40 Mbps incoming bandwidth
- Adopt Hikvision Acusense technology to minimize manual effort and security costs



Smart Function

- All channels support Motion Detection 2.0
- 1-ch facial recognition for video stream, or 2-ch facial recognition for face picture
- Smart search for the selected area in the video, and smart playback to improve the playback efficiency

Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt stream over TLS encryption technology which provides more secure stream transmission service

HD Video Output

- Provide simultaneous HDMI and VGA outputs
- HDMI video output at up to 4K resolution

Storage and Playback

- Up to 1 SATA interface for HDD connection (up to 10 TB)
- 4-ch synchronous playback

Network & Ethernet Access

- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect for easy network management

▪ Specification

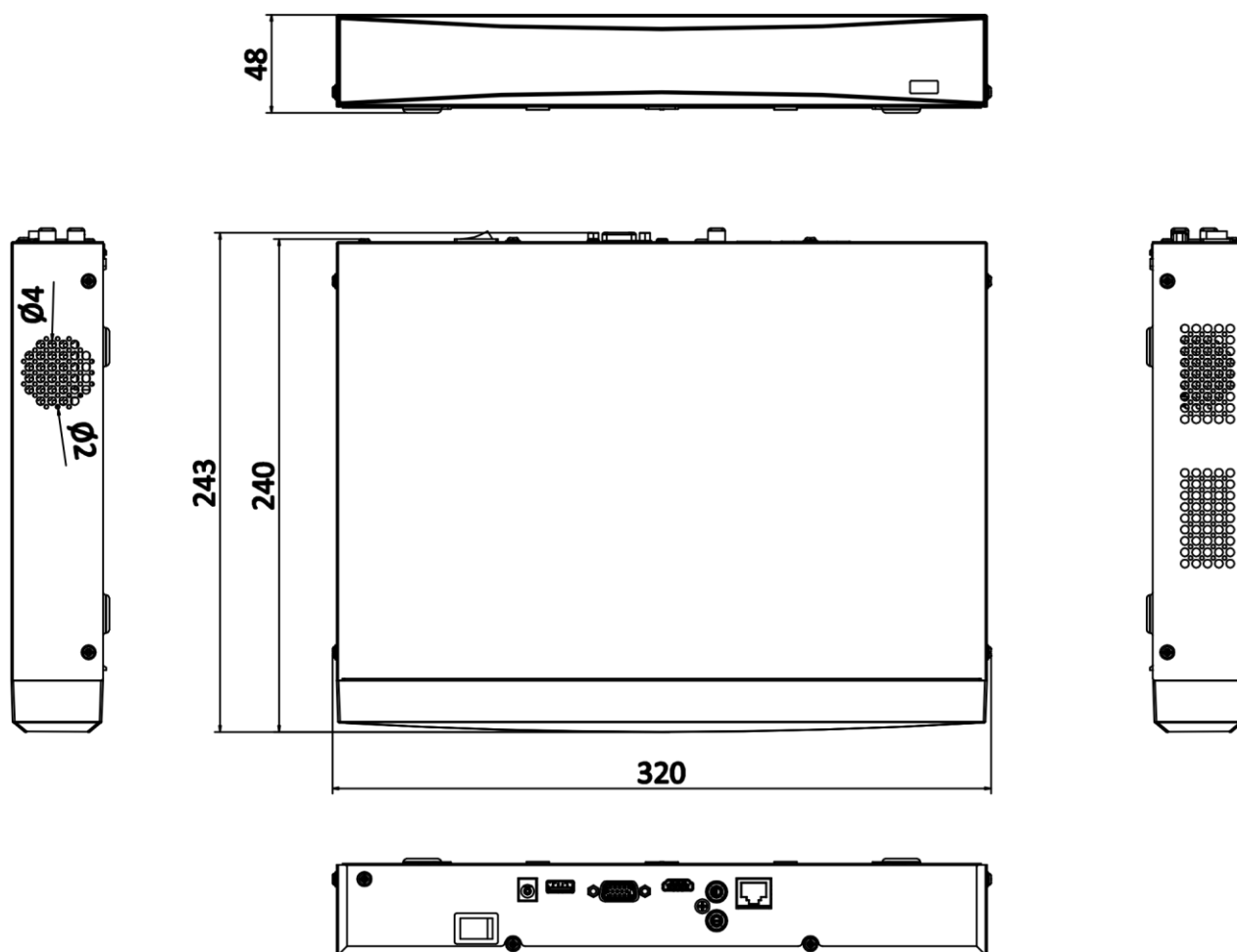
Intelligent Analytics	
AI by Device	Facial recognition, perimeter protection, motion detection 2.0
AI by Camera	Facial recognition, perimeter protection, throwing objects from building, motion detection 2.0, ANPR, VCA
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB)
Facial Detection and Analytics Performance	1-ch, 8 MP
Face Picture Comparison	2-ch
Motion Detection 2.0	
By Device	All channels, 4 MP (when enhanced SVC mode is enabled, up to 8 MP) video analysis for human and vehicle recognition to reduce false alarm
By Camera	All channels
Perimeter Protection	
By Device	1-ch, 4 MP (HD network camera, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm
By Camera	All channels
Video and Audio	
IP Video Input	4-ch
Incoming Bandwidth	40 Mbps
Outgoing Bandwidth	80 Mbps
HDMI Output	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
Video Output Mode	HDMI1/VGA simultaneous output
CVBS Output	N/A
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
Decoding	
Decoding Format	H.265/H.265+/H.264+/H.264
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous Playback	4-ch

Decoding Capability	AI on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps) AI off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC
Network	
Remote Connection	128
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Auxiliary Interface	
SATA	1 SATA interface
Capacity	Up to 10 TB capacity for each HDD
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
Alarm In/Out	N/A
General	
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian
Power Supply	12 VDC, 1.5 A
Consumption	≤ 10 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	320 mm × 240 mm × 48 mm (12.6" × 9.4" × 1.9")
Weight	≤1 kg (without HDD, 2.2 lb.)
Certification	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017
Obtained Certification	CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS

Note:

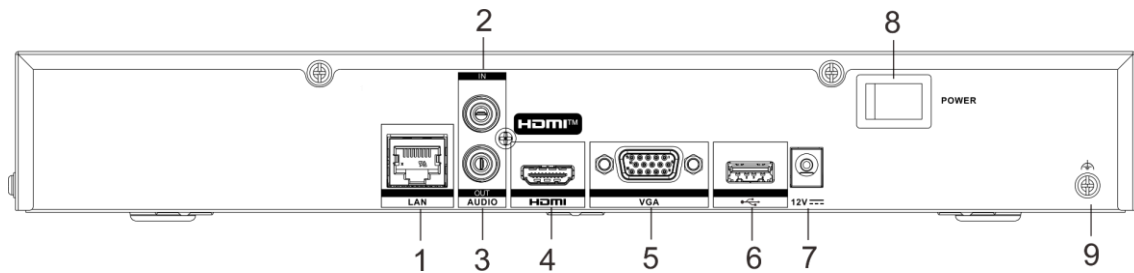
- Alarm in/out can be optional for certain models. If you select a device model with "/Alarm4+1", then the device will have 4 alarm inputs and 1 alarm outputs.
- Facial recognition, motion detection 2.0 or perimeter protection cannot be enabled at the same time.

Dimension



scale/1:1;Unit/mm

Physical Interface



No.	Description	No.	Description
1	LAN network interface	6	USB interface
2	AUDIO IN	7	Power supply
3	AUDIO OUT	8	Power switch
4	HDMI interface	9	GND
5	VGA interface		

Available Model

DS-7604NXI-K1 (B)

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DS-1H18S/E-E HD Video Balun



Features and Functions

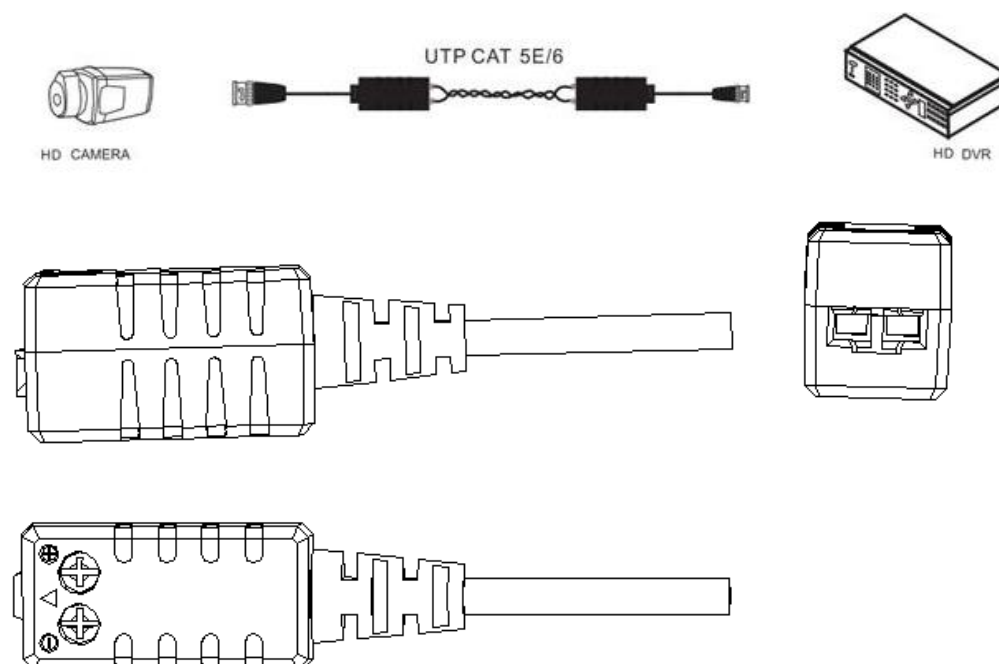
- Screw interface with cable and without cable
- Mini size for easy installation
- ABS outer shell for convenient to use in intensive project
- No power required, and simplified project wiring
- Plug and play, real-time transmit CCTV HD video signal, and high quality and stable video
- Compatible with HDTVI/HDCVI/AHD
- Transmission distance: non-POC Camera: Max. 200m.
- Superior anti-interference and lightning protection and ESD



Specifications

Model		DS-1H18S/E-E
Properties	Transmission Signal	1 channel
	Transmission Distance	Non-POC Camera: Max 200m
	Category Type	UTP CAT 5E/ 6 (R<100Ω/100M)
Video Transmission Properties and Port	Coaxial Video Connector	BNC-M
	Twisted-pair Video Connector	Screw Interface
	Compatible Format	HDTVI/HDCVI/AHD
	Resolution	720P/1080P/3MP/4MP/5MP
	Ant-interference	>60db
Protection	ESD	1a contact discharge electricity level3
		1b air discharge electricity level3
		Per: IEC61000-4-2
	Coaxial Cable Connector	2KV(common-code) Per:IEC61000-4-5
	UTP Cable Connector	2KV(different-code), 2KV(common-code) Per:IEC61000-4-5
Impedance	BNC Male	75 ohms
	UTP Cable	100 ohms
Physical Properties	Shell	ABS
	Color	Black
	Dimensions (L x W x H)	147mm x 14.5mmx 17mm 45mm x 14.5mmx 17mm
	Weight	31.2 g
Stability	MTBF	>10000 h
Environmental	Operating Temperature	-10-55°C
	Storage Temperature	-20-70°C
	Humidity	0-95% (non-condensing)

Typical Application



Available Model

DS-1H18S/E-E

Distributed by



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DS-2CD2087G2H-LI(U)
8 MP Smart Hybrid Light with ColorVu Fixed Mini Bullet Network Camera

ColorVu



- High quality imaging with 8 MP resolution
- Smart Hybrid Light: advanced technology with long range
- Clear imaging against strong back light due to 130 dB WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle classification based on deep learning
- -U: Built-in microphone for real-time audio security
- Water and dust resistant (IP67)

▪ Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 105.1°, vertical FOV 54.8°, diagonal FOV 128.2° 4 mm, horizontal FOV 90.0°, vertical FOV 45.8°, diagonal FOV 109.4°
Lens Mount	M16
Iris Type	Fixed
Aperture	F1.0
Depth of Field	2.8 mm: 3.3 m to ∞ 4 mm: 3.8 m to ∞
DORI	
DORI	2.8 mm: D: 89 m, O: 35 m, R: 17 m, I: 8 m 4 mm: D: 109 m, O: 43 m, R: 21 m, I: 10 m
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	Up to 40 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.
Video Compression	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, *Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream

Audio	
Audio Compression	-U: G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	-U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 Kbps to 64 Kbps (AAC-LC)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)
Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	-U: Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets, SRTP, SFTP
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.1/1.2/1.3, host authentication (MAC address)
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR)
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
SNR	≥ 52 dB
Wide Dynamic Range (WDR)	130 dB
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Microphone	-U: Yes
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, trigger recording, trigger capture, send email
Smart Event	Scene change detection
Deep Learning Function	
Face Capture	Yes

Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)
General	
Power	12 VDC $\pm$ 25%, 0.58 A, max. 7 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 8.5 W
Material	Front cover: Metal, body: Metal, bracket: Metal
Dimension	$\varnothing$ 74.4 mm $\times$ 179.2 mm ($\varnothing$ 2.9" $\times$ 7.1")
Package Dimension	234 mm $\times$ 120 mm $\times$ 117 mm (9.2" $\times$ 4.7" $\times$ 4.6")
Weight	Approx. 525 g (1.2 lb.)
With Package Weight	Approx. 750 g (1.7 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
General Function	Heartbeat, mirror, password reset via email, pixel counter, anti-banding
Language	33 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), Ukrainian
Approval	
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014, IC: ICES-003: Issue 7, KC: KN32: 2015, KN35: 2015, RCM: AS/NZS CISPR 32: 2015
Safety	UL: UL 62368-1, CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environment	CE-RoHS: 2011/65/EU
Protection	IP67: IEC 60529-2013

▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

Available Model

DS-2CD2087G2H-LIU(2.8mm)/Black

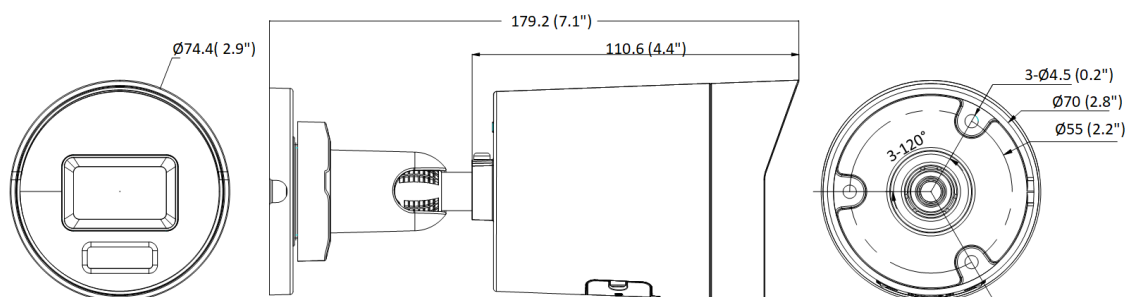
DS-2CD2087G2H-LI(2.8mm)

DS-2CD2087G2H-LI(4mm)

DS-2CD2087G2H-LIU(2.8mm)

DS-2CD2087G2H-LIU(4mm)

Dimension



Unit: mm (inch)

Accessory

Optional

DS-1275ZJ-SUS Vertical Pole Mount	DS-1276ZJ-SUS Corner Mount	DS-1280ZJ-XS Junction Box
		
DS-1275ZJ-SUS(BLACK) Vertical Pole Mount	DS-1276ZJ-SUS(BLACK) Corner Mount	DS-1280ZJ-XS(BLACK) Junction Box
		

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Photoelectric Beam Detector (ABE-50/100/150/200/250)

Product Description

Features:

3 Synchronized Pulsed Beams
99.5% Beam Blocking Stability
Frost and Dew Protection
High Grade Aspherical Lens
10 LED Indicators for Quick Alignment
Adjustable Beam Interruption Period
A. G. C(Automatic Gain Control) Circuit

Model: ABE-50/100/150/200/250

Detection method: Active Infrared Beam

Detection Range:

Outdoor: 50m/100m/150m/200m/250m

Indoor: 150m/300m/450m/600m/750m

Beam characteristics: Pulsed infrared dual beams

Interruption period: 50~700m sec(selectable)

Power input: DC12~24V/AC11~18V

Current consumption: 70mA max/80mA max/90mA max/100mA max/100mA max

Alarm period: 2Sec(± 1)nominal

Alarm output: Form C relay (AC/DC 30V 0.5A max)

Tamper switch: N. C. Opens when cover is removed (receiver only)

Environment humidity: 95% max

Alignment angle: $\pm 10^\circ$ Vertical, $\pm 90^\circ$ Horizontal

Mounting: Wall or pole

Weight: 2168g(Both transmitter and receiver)

Dimension: 285*90*96mm

Appearance: PC Resin(Black)



Model		ABE-50	ABE-100	ABE-150	ABE-200	ABT-250
Detection method		Active Infrared Beam				
Range	Outdoor	50m	100m	150m	200m	250m
	Indoor	150m	300m	450m	400m	750m
Beam characteristics		Pulsed infrared dual beams				
Interruption period		50~700m sec(selectable)				
Power input		DC12~24V/AC11~18V				
Current consumption		70mA max	80mA max	90mA max	100mA max	100mA max
Alarm period		2Sec(±1)nominal				
Alarm output		Form C relay (AC/DC 30V 0.5A max)				
Tamper switch		N.C.Opens when cover is removed (receiver only)				
Operating temperature		-25~+55				
Environment humidity		95% max				
Alignment angle		±10°vertical, ±90°horizontal				
Mounting		Wall or pole				
Weight		2168g(Both transmitter and receiver)				
Dimension		285*90*96mm				
Appearance		PC Resin(Black)				

Garmin eTrex® 32x

Rugged Handheld GPS with Compass and Barometric Altimeter



Overview

Explore Confidently with the Reliable Handheld GPS

- 2.2" sunlight-readable color display with 240 x 320 display pixels for improved readability
- Preloaded with TopoActive maps with routable roads and trails for cycling and hiking
- Support for GPS and GLONASS satellite systems allows for tracking in more challenging environments than GPS alone
- 8 GB of internal memory for map downloads plus a microSD™ card slot
- eTrex 32x adds a 3-axis compass and barometric altimeter
- Battery life: up to 25 hours in GPS mode with 2 AA batteries

General

PHYSICAL DIMENSIONS	2.1" x 4.0" x 1.3" (5.4 x 10.3 x 3.3 cm)
DISPLAY SIZE	1.4" x 1.7" (3.5 x 4.4 cm); 2.2" diag (5.6 cm)
DISPLAY RESOLUTION	240 x 320 pixels
DISPLAY TYPE	2.2" transfective, 65K color TFT
WEIGHT	5 oz (141.7 g) with batteries
BATTERY TYPE	2 AA batteries (not included); NiMH or Lithium recommended
BATTERY LIFE	25 hours
WATER RATING	IPX7
HIGH-SENSITIVITY RECEIVER	Yes
INTERFACE	mini USB
MEMORY/HISTORY	8 GB

Maps & Memory



PRELOADED MAPS	yes (TopoActive; routable)
ABILITY TO ADD MAPS	Yes
BASEMAP	Yes
AUTOMATIC ROUTING (TURN BY TURN ROUTING ON ROADS)	Yes
MAP SEGMENTS	3000
BIRDSEYE	250 BirdsEye Imagery files
INCLUDES DETAILED HYDROGRAPHIC FEATURES (COASTLINES, LAKE/RIVER SHORELINES, WETLANDS AND PERENNIAL AND SEASONAL STREAMS)	Yes
INCLUDES SEARCHABLE POINTS OF INTERESTS (PARKS, CAMPGROUNDS, SCENIC LOOKOUTS AND PICNIC SITES)	Yes
DISPLAYS NATIONAL, STATE AND LOCAL PARKS, FORESTS, AND WILDERNESS AREAS	Yes
EXTERNAL MEMORY STORAGE	yes (32 GB max microSD™ card)
WAYPOINTS/FAVORITES/LOCATIONS	2000
TRACKS	200
TRACK LOG	10000 points, 200 saved tracks
ROUTES	200 routes, 250 points per route; 50 points auto routing
Sensors	
GPS	Yes
GLONASS	Yes
BAROMETRIC ALTIMETER	Yes
COMPASS	Yes (tilt-compensated 3-axis)
GPS COMPASS (WHILE MOVING)	Yes
Daily Smart Features	
VIRB® REMOTE	Yes
Outdoor Recreation	
POINT-TO-POINT NAVIGATION	Yes
COMPATIBLE WITH BASECAMP™	Yes
AREA CALCULATION	Yes
HUNT/FISH CALENDAR	Yes
SUN AND MOON INFORMATION	Yes
GEOCACHING-FRIENDLY	Yes (Paperless)
CUSTOM MAPS COMPATIBLE	yes (100 custom map tiles)
PICTURE VIEWER	Yes
Connections	
WIRELESS CONNECTIVITY	yes (ANT+®)

DS-2XS2T41G1-ID/4G

4 MP Solar-powered Security Camera Setup



- High quality imaging with 4 MP resolution
- Standalone with solar panel and built-in battery
- Support human and vehicle detection
- Provide real-time security via built-in two-way audio
- Water and dust resistant (IP67)
- Support 4G (LTE-TDD/LTE-FDD/TD-SCDMA) communication

▪ Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	B/W: 0.01 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Solar panel: tilt: -45° to 45°, rotate:-30° to 30°
Lens	
Lens Type	Fixed focal lens, 4 and 6 mm optional
Iris Type	Fixed
Aperture	4mm: F1.28, 6mm: F1.6
Depth of Field	4 mm: 2.7 m to ∞ 6 mm: 5.9 m to ∞
Focal Length & FOV	4 mm, Horizontal FOV: 79°, Vertical FOV: 43°, Diagonal FOV: 93° 6 mm, Horizontal FOV: 49°, Vertical FOV: 26°, Diagonal FOV: 57°
Lens Mount	M12
DORI	
DORI	4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Performance mode: up to 30 m, proactive mode: up to 10 m
IR Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Main Stream	50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)
Video Compression	Main stream: H.265/ H.264, Sub-stream: H.265/H.264/MJPEG, H.264+ and H.265+: main stream supports under performance mode
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region for main stream
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Audio	
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)

Network	
Security	Password protection, complicated password, basic and digest authentication for HTTP, TLS 1.1/1.2/1.3, WSSE and digest authentication for Open Network Video Interface
Simultaneous Live View	Up to 6 channels
API	ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Network Storage	Auto Network Replenishment (ANR)
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Local service: Chrome 57.0+, Firefox 52.0+
Mobile Communication	
SIM Card Type	Micro SIM
Uplink and Downlink Data Rate	Cat 4, uplink: 50 Mbps, downlink: 150 Mbps
Frequency	EU: LTE-TDD: B38/B40/B41 LTE-FDD: B1/B3/B5/B7/B8/B20/B28 WCDMA: B1/B5/B8 GSM: B3/B5/B8 LA: LTE-TDD: B38/B40 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66 WCDMA: B1/B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8
Standard	LTE-TDD, LTE-FDD, WCDMA, GSM
Image	
SNR	≥ 52 dB
Wide Dynamic Range (WDR)	Digital WDR
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Transducer	
Transducer Type	PIR + Radar
Detection Angle	4 mm : Horizontal: 80°, vertical: 42°, 6 mm : Horizontal: 50°, vertical: 22°
Detection Range	Up to 12 m
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in eMMC storage, up to 8 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 5 GB is available for recording.
Built-in Microphone	Yes
Built-in Speaker	Yes

Reset Key	Yes
Event	
Basic Event	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Linkage	Upload to NAS/memory card, notify surveillance center, trigger recording, trigger capture, audible warning
General	
Power	Power Consumption and Current: Typical power scenarios: 1.85 W (4G working) Standby scenarios: 80 mW Max. power consumption: 7 W Power Supply: 12 VDC *For debugging only 6.5 W (deviation: ± 1 W) Solar panels Power Interface: Power supply interface: $\varnothing 5.5$ mm coaxial power plug Extended solar panel: $\varnothing 5.5$ mm coaxial power plug
Material	Plastic
Storage Conditions	0 °C to 50 °C (32 °F to 122 °F). Humidity 95% or less (non-condensing)
Language	33 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), Ukrainian
General Function	Heartbeat, mirror, flash log
Startup and Operating Conditions	0 °C to 50 °C (32 °F to 122 °F). Humidity 95% or less (non-condensing)
Dimension	213.7 mm $\times$ 292.4 mm $\times$ 188.7 mm (8.4" $\times$ 11.5" $\times$ 7.3")
Package Dimension	345 mm $\times$ 240 mm $\times$ 292 mm (13.6" $\times$ 9.4" $\times$ 11.5")
Weight	Approx. 1.42 kg (3.1 lb.)
With Package Weight	Approx. 2.07 kg (4.6 lb.)
Battery	
Battery Type	Ternary Lithium
Max. Charging Voltage	12.6 V
Capacity	51.46 Wh
Operating Temperature	Charging: 0 °C to 45 °C (32 °F to 113 °F) Discharging: -20 °C to 50 °C (-4 °F to 122 °F)
Battery Voltage	8.1 V to 12.6 V
Cycle Lifetime	Proactive mode: 1.5 days, Standby mode: 11 days
Battery Life	More than 800 cycles
Battery Weight	Approx. 185 g (0.4 lb.)
Approval	
RF	CE-RED: EN 301489-1 V2.1.1 (BT or 2.4G), EN 301489-17 V3.1.1 (BT or 2.4G), EN 300328 V2.1.1 (BT or 2.4G), EN 62311: 2008 (BT or 2.4G) *CE certification is only for the device sold in the European region.

EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014, RCM: AS/NZS CISPR 32: 2015, *CE and RCM certifications are only for the device sold in the European region.
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, LOA: IEC/EN 60950-1, *CE and LOA certifications are only for the device sold in the European region.
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006, *CE certification is only for the device sold in the European region.
Protection	IP67: IEC 60529-2013

▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

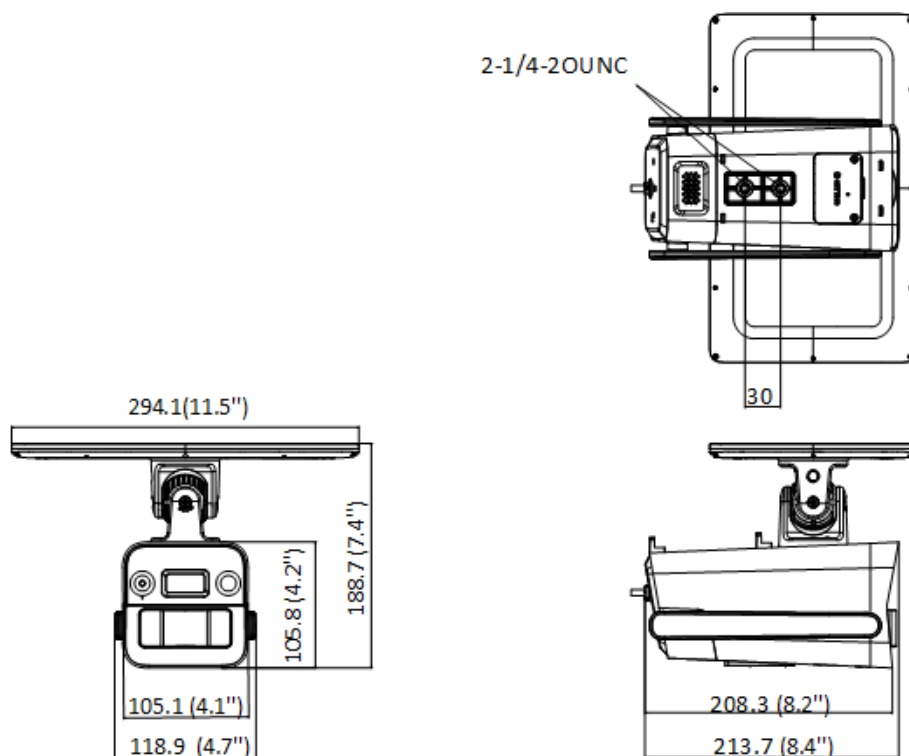
This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

▪ Available Model

DS-2XS2T41G1-ID/4G/C05S07 (4/6 mm)

▪ Dimension



Unit: mm (inch)

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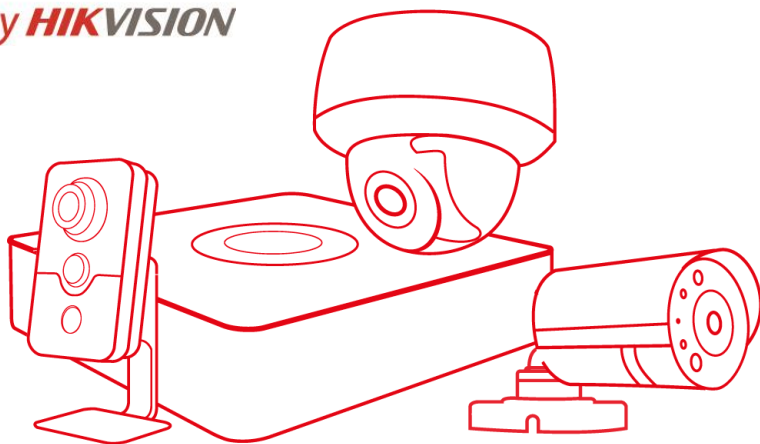


Hikvision
Corporate Channel



hikvisionhq





Паспорт изделия

DS-T200(B)

Цилиндрическая HD-TVI видеокамера с
EXIR-подсветкой до 20 м

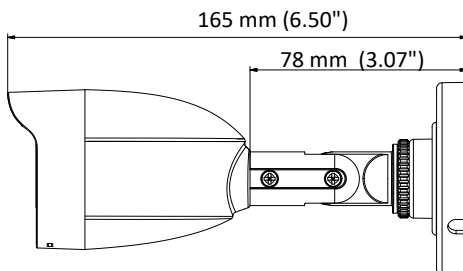
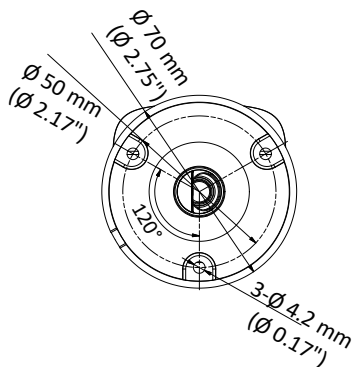
DS-T200(B)

Ключевые особенности:



- Разрешение 2 Мп
- EXIR-подсветка до 20 м
- IP66
- Объективы 2,8, 3,6 и 6 мм
- Выход видео 4-в-1 (TVI, AHD, CVI, CVBS)
- Режим «День / ночь»

Размеры



*Изображения и спецификации могут быть изменены без дополнительного уведомления.

*За подробной информацией обращайтесь к вашему персональному менеджеру

Спецификации

	DS-T200(B)
Камера	
Матрица	2 Mп Progressive Scan CMOS
Система сигнала	PAL/NTSC
Количество эффективных пикселей	1920x1080
Чувствительность	0.01 лк @(F1.2, AGC вкл.), 0 лк с вкл ИК
Скорость электронного затвора	1/25–1/50,000с
Объектив	2,8 мм, 3,6 мм, 6 мм
Крепление объектива	M12
Угол обзора объектива	103°(2,8 мм), 82,2°(3,6 мм), 54°(6 мм)
Регулировка угла установки	Поворот: 0 ° - 360 °; наклон: 0 ° - 180 °; вращение: 0 ° - 360 °
Синхронизация	Внутренняя
Режим «День/ночь»	Механический ИК-фильтр с автопереключением
Частота кадров	PAL: 1080p @ 25 к/с NTSC: 1080p @ 30 к/с
Меню	
AGC	Высокий, средний, низкий, выкл.
Режим «День / ночь»	Авто, цвет, Ч-Б
BLC	Есть
DWDR	Есть
Язык	Английский
Функции	Яркость, резкость, DNR, зеркалирование, Smart ИК
Интерфейсы	
Видеовыход	1 переключаемый HD TVI/AHD/CVI/CVBS выход
Кнопка переключения	да
Основное	
Питание	DC 12 В ± 15 %
Потребляемая мощность	4 Вт макс.
Рабочие условия	-40°C — 60°C, влажность 90% или меньше (без конденсата)
Защита	IP66
Материал корпуса	Металл
Дальность действия EXIR-подсветки	До 20м, Smart ИК
Размеры	165 x 62 x 58 мм
Вес	290 г

Правила эксплуатации

1. Устройство должно эксплуатироваться в условиях, обеспечивающих возможность работы системы охлаждения. Во избежание перегрева и выхода прибора из строя не допускается размещение рядом с источниками теплового излучения, использование в замкнутых пространствах (ящик, глухой шкаф и т.п.). Рабочий диапазон температур от -40 до +60 (°C)
2. Все подключения должны осуществляться при отключенном электропитании.
3. Запрещена подача на входы устройства сигналов, не предусмотренных назначением этих входов – это может привести к выходу устройства из строя.
4. Не допускается воздействие на устройство температуры свыше +60(°C), источников электромагнитных излучений, активных химических соединений, электрического тока, а также дыма, пара и других факторов, способствующих порче устройства. Не допускается воздействие прямых солнечных лучей непосредственно на матрицу видеокамеры.
5. Конфигурирование устройства лицом, не имеющим соответствующей компетенции, может привести к некорректной работе, сбоям в работе, а также к выходу устройства из строя.
6. Не допускаются падения и сильная тряска устройства.
7. Рекомендуется использование источника бесперебойного питания, во избежание воздействия скачков напряжения или нештатного отключения устройства.

Для получения информации об установке и включении устройства, пожалуйста, обратитесь к Краткому руководству пользователя этого устройства.

Specifications

ESIM484 Hybrid Alarm Panel

Power supply	16-24V 50/60 Hz ~3A max / 18-24V 3A max
Current consumption in idle state w/o external devices connected	Up to 80mA
Recommended backup battery voltage / capacity	12V; 1,3-7Ah
Backup battery charge duration	Up to 30 hours for 7Ah battery
Modem frequency	LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 GSM: B2/3/5/8
Number of wired zones on-board	10 (ATZ mode: 20)
Number of wired PGM outputs on-board	4
Number of zones via 2xEPGM1	16+16
Number of PGM via 2xEPGM1	2+2
Number of supported wireless devices	64
Number of zones MAX	144
Supported third-party wired smoke detectors	2-wire, 4-wire
Number of supported 2-wire smoke detectors	Up to 8
Support of temperature sensors (number)	Up to 8
Wireless band	ISM868
Wireless communication range	Up to 3000m (9843ft) in open areas
Communications	GSM, LTE and Ethernet via ELAN3-ALARM
Supported protocols	Ademco Contact ID, EGR100, Kronos, SIA IP
Dimensions	140x100x18mm (5.51x3.94x0.71in)
Operating temperature range	-20...+55°C (-4... +131°F)
Humidity	0-90% RH @ 0... +40°C (0-90% RH @ +32... +104°F) (non-condensing)