

DS-QAZ0120G1R-S
Network Cabinet Sub Speaker



- Connect to the primary speaker to help boost the volume of sound.
- Support horizontal and vertical installation

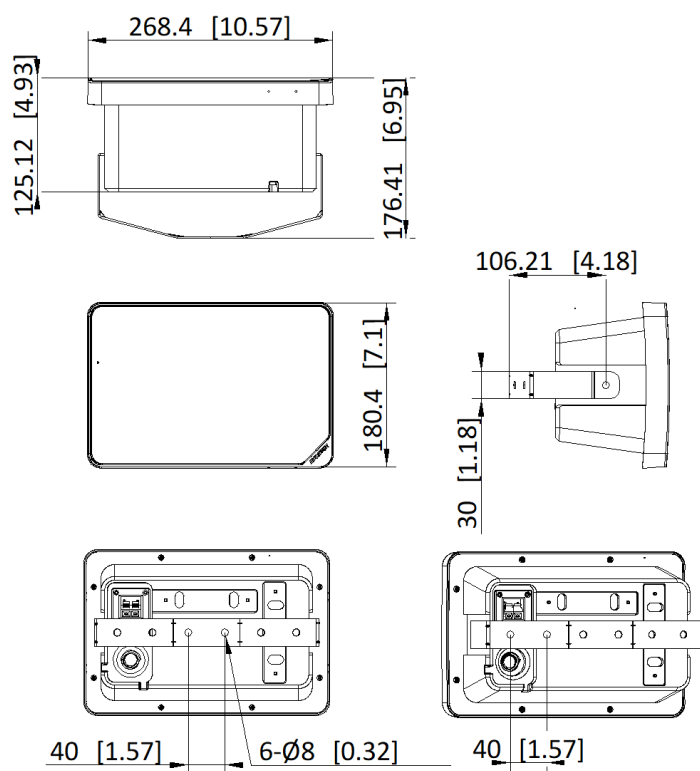
▪ Specification

Speaker	
Rated Power	20 W
Impedance	8 Ω
Max. Acoustic Pressure	103 dBSPL
Sensitivity(1 m, 1 W)	90 dB
Direction	All directions
Frequency Response	130 Hz to 17.5 kHz
Speaker Unit	5.25" × 1
Interface	
Audio In	Fixed resistance input × 1 , 8 Ω
General	
Material	Main body&Front cover : plastic, bracket: metal
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Humidity	< 90% (No condensation)
Dimension	268.4 mm × 180.4 mm × 125.12 mm (10.57" × 7.1" × 4.93")
Package Dimension	340 mm × 306 mm × 180 mm (13.39" × 12.05" × 7.09")
Weight	Approx. 1.5 kg (3.3 lb.)
Color	White
With Package Weight	Approx. 2 kg (4.4 lb.)
Packing List	Device × 1 U-shaped bracket × 1 Screw pack × 1 Installation sticker × 1 Regulatory Compliance and Safety Information × 1

▪ Available Model

DS-QAZ0120G1R-S

▪ Dimension



Unit: mm [inch]

SCALE	1:1
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DS-QAZ1325G1T(C)
25 W Network Horn Speaker



- 110dB Nominal Sensitivity
- 124dB@1m Rated Maximum SPL
- 300Hz~8kHz bandwidth
- Support SIP
- 25W Rated Power

▪ Specification

Microphone	
Type	electret
Amount	2
Frequency Response	100 Hz to 20 kHz
Sensitivity	-42 dBV/Pa
Sampling Rate	48 kHz
Quantization Bits	16 bit
Speaker	
Rated Power	25 W
Impedance	8 Ω
Sensitivity(1 m, 1 W)	110 dB
Max. Acoustic Pressure	124 dBSPL
Direction	70° horizontal by 100° vertical
Frequency Response	300 Hz to 8 kHz
SNR	83 dB
Function	
Audio Algorithm	AEC、AGC、ANS、DRC
Audio Bit Rate	G.711ulaw(64 Kbps)/G.711alaw(64 Kbps)/MP3(128 Kbps)
Audio File Format	MP3, WAV
NTP Timing	Support
Broadcast	Regular broadcast, live broadcast, emergency broadcast
Two-Way Audio	Support
Speech Synthesis	Language Type: English, Russian, Spanish, Japanese, Thai, Portuguese (Brazil), Korean, French
Network	
Network Protocol	IPv4, HTTP, HTTPS , SIP, SSL/TLS , DNS, NTP, TCP, UDP, IGMP, ICMP, DHCP, ARP, SSH
Interface Protocol (API)	ISAPI, ISUP, SIP, RTP, ONVIF
Client	Hik-Connect, ivms/4200, HikCentral Professional, Hik-Partner Pro, NVR, MileStone
Communication	
Communication Method	Support wired network communication
Interface	
Alarm	Alarm input ×1
Ethernet Interface	RJ45 10 M/100 M Adaptive Ethernet port × 1
Power Output	12 VDC, 25 mA(max.)
Local Storage	Built-in 4 GB EMMC (Audio file storage is 1 GB.)
API	ISAPI, ISUP, SIP, ONVIF
Reset	Support
General	
Material	Metal
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Humidity	< 90% (No condensation)
Dimension	182.4 mm × 273.87 mm × 239.38 mm (7.18" × 10.78" × 9.42")
Power	24 VDC , 1167mA , 28W
Package Dimension	310 mm × 245 mm × 400 mm(12.2" × 9.6" × 15.6")

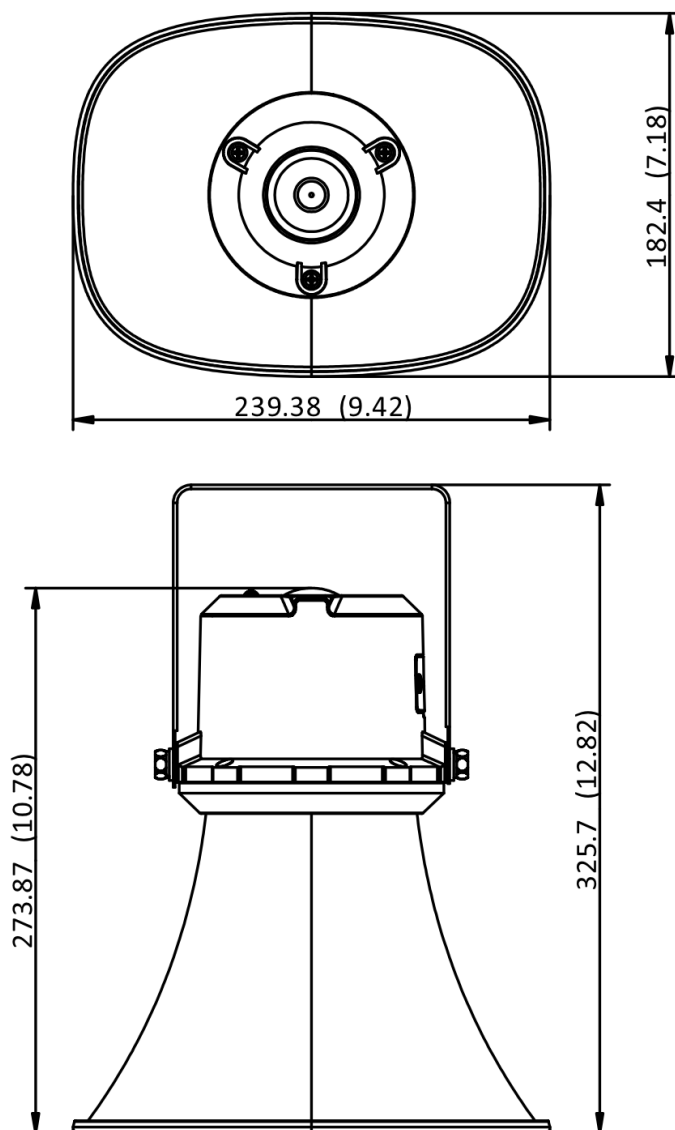
Weight	Approx. 2.1 kg (4.63 lb.)
With Package Weight	Approx. 3.4 kg (7.50 lb.)
Color	White
Packing List	Device × 1 Threading cap × 1 Regulatory Compliance and Safety Information × 1
Language	41 languages: English, French, Spanish, German, Italian, Japanese, Thai, Russian, Portuguese (Brazil), Arabic, Bulgarian, Czech, Danish, Greek, Spanish (Mexico), Estonian, Persian, Finnish, Hebrew, Croatian, Hungarian, Indonesian, Kazakh, Korean, Kirgiz, Lao, Lithuanian, Latvian, Dutch, Norwegian, Polish, Portuguese, Romanian, Slovak, Slovenian, Serbian, Swedish, Turkish, Ukrainian, Uzbek, Vietnamese
Approval	
Protection	IP67, IK10
EMC	CE-EMC: EN 55032:2015+A11:2020+A1:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019+A2:2021, EN 55035:2017+A11:2020 RCM: AS/NZS CISPR 32: 2015 IC: ICES-003: Issue 7
Safety	CB: IEC 62368-1:2014 CE-LVD: EN 62368-1:2014/A11:2017
Environment	CE-RoHS: 2011/65/EU WEEE: 2012/19/EU Reach: Regulation (EC) No 1907/2006

▪ Available Model

DS-QAZ1325G1T(C)

DS-QAZ1325G1T(C)/EN

▪ Dimension



Unit: mm(inch)

See Far, Go Further



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iDS-2CD7T46G2/VX3-I(H)S(Y)**4MP DeepinView Triple Fixed Lens Bullet Camera for Perimeter Protection****DeepinView^{series}****DarkFighter^{2.0}**

Hikvision has been dedicated to develop products with security since established.

Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection.

In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- High quality imaging with 4MP and 2 × 2MP Resolution
- Excellent low-light performance via DarkFighter 2.0 Sharpmotion
- Efficient H.265+ compression technology to save bandwidth and storage
- Water and dust resistant (IP67), vandal proof (IK10) and corrosion resistant (NEMA 4X, optional)
- Dedicated Guanlan large scale AI model for perimeter protection, reduce false alarms by 90% compared to conventional AI cameras. Detect person and vehicle up to 120 m
- Red/blue alarm LED and audible warning
- Motorized tilt adjustment from -10° to 10° for easy installation
- TPM 2.0 for cyber security

▪ Function

Perimeter Protection

With embedded deep learning based target detection and classification algorithms, the camera carries out the duty of perimeter protection, monitoring the actions of line crossing, intrusion, region entrance, and region exiting. The algorithms greatly filter out the mistaken alarm caused by the interference of leaves, lights, animal, flag, etc.

▪ Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	Channel 1: 2688 × 1520 Channel 2: 1920 × 1080 Channel 3: 1920 × 1080
Min. Illumination	Channel 1: Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR; Channel 2: Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR; Channel 3: Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Time	1 s to 1/100,000 s
Lens	
Focal Length & FOV	4 mm, horizontal FOV 82.5°, vertical FOV 45.3°, diagonal FOV 96.1° 12 mm, horizontal FOV 25.4°, vertical FOV 14.4°, diagonal FOV 29.1° 25 mm, horizontal FOV 13.0°, vertical FOV 7.4°, diagonal FOV 14.9°
Iris Type	Fixed
Aperture	4 mm, F1.6 12 mm, F1.6 25 mm, F2.8
DORI	
DORI	4 mm, D: 77.6 m, O: 30.8 m, R: 15.5 m, I: 7.8 m 12 mm, D: 171 m, O: 67.9 m, R: 34.2 m, I: 17.1 m 25 mm, D: 331 m, O: 131.4 m, R: 66.2 m, I: 33.1 m
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 120 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	Channel 1: 50 Hz: 25 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) Channel 2: 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) Channel 3: 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	Channel 1 & Channel 2 & Channel 3: 50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)

Third Stream	Channel 1: 50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Channel 2: 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480) Channel 3: 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	8 fixed regions for each stream
Bit Rate Control	CBR, VBR
Audio	
Audio Type	Mono sound
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/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	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, WebSocket, WebSockets
Simultaneous Live View	Up to 20 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T, Profile M), 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 1.2, TLS 1.3, TPM 2.0 (FIPS 140-2 level 2), AES128/256
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
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+, Safari 11+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+

Image	
Image Parameters Switch	Yes
Image Settings	Saturation,brightness,contrast,sharpness,white balance,AGC,adjustable by client software or web browser
Day/Night Switch	Day,Night,Auto,Schedule,Alarm Trigger
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Image Enhancement	BLC,HLC,3D DNR,Distortion Correction,Defog
Privacy Mask	8 programmable polygon privacy masks
Image Stabilization	EIS
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format.
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 1 TB
Built-in Microphone	Yes, 2 built-in microphones
Audio	2 input (line in), 1 output (line out), 3.5 mm connector.
Built-in Speaker	Yes, 1 built-in speaker
Alarm	2 inputs, 2 outputs (max. 24 VDC, 1 A)
RS-485	-Y: 1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset Key	Yes
Power Output	-Y: 12 VDC, max. 50 mA
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm,exception (network disconnected,IP address conflict, illegal login, abnormal restart, HDD full, HDD error),video quality diagnosis
Smart Event	scene change detection,audio exception detection,defocus detection, unattended baggage detection,object removal detection,fast moving detection,parking detection,people gathering detection,loitering detection
Linkage	Upload to FTP/NAS/memory card,notify surveillance center,send email,trigger alarm output,trigger recording,trigger capture,audible warning
Deep Learning Function	
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle) Dedicated Guanlan large scale AI model for perimeter protection, reduce false alarms by 90% compared to conventional AI cameras VCA range: The maximum detection distance can reach up to 120 meters *Result based on standard setup and test environment
Metadata	Intrusion detection,line crossing detection,region entrance detection,region exiting detection
General	
Power	12 VDC ± 20%, 2.1 A, max. 25.2 W PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.56 A to 0.45 A, max. 25.5 W
Material	Front cover: metal, body: metal, bracket: metal
Dimension	128.9 mm × 139.5 mm × 337 mm (5.1" × 5.5" × 13.2")
Package Dimension	423 mm × 200 mm × 198 mm (16.65" × 7.87" × 7.8")

Weight	With -Y: Approx. 2500 g (5.51 lb.), Without -Y: Approx. 2510g (5.53 lb.)
With Package Weight	With -Y: Approx. 3470 g (7.65 lb.), Without -Y: Approx. 3530 g (7.78 lb.)
Storage Conditions	-30 °C to 65 °C (-22 °F to 149 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	With -H: -40 °C to 65 °C (-40 °F to 149 °F). Humidity 95% or less (non-condensing), Without -H: -30 °C to 65 °C (-22 °F to 149 °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, password protection, one-key reset
Heater	-Y: Yes
Device Management	Supports adding alarm box (DS-FM2466) in the LAN to expand 6 additional input and 6 output alarm interfaces
Approval	
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7
Safety	CB: IEC 62368-1: 2014+A11, LOA: IEC/EN 60950-1, CE-LVD: EN 62368-1: 2014/A11: 2017
Protection	IP67: IEC 60529-2013, IK10: IEC 62262:2002
Anti-Corrosion Protection	-Y: NEMA 4X (NEMA 250-2018)
Other	PVC FREE

▪ 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.

With -Y model: This model has MODERATE PROTECTION.

Without -Y model: 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

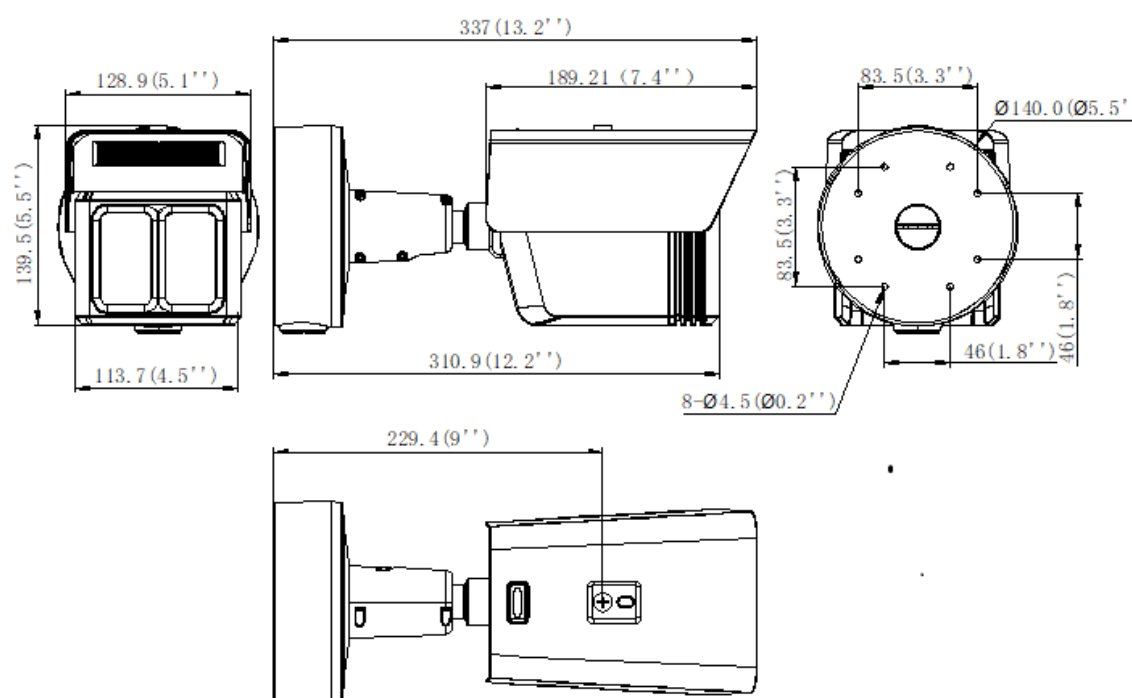
areas where no specific anti-corrosion protection is needed.

▪ Available Model

iDS-2CD7T46G2/VX3-IS(4/12/25mm)

iDS-2CD7T46G2/VX3-IHSY(4/12/25mm)

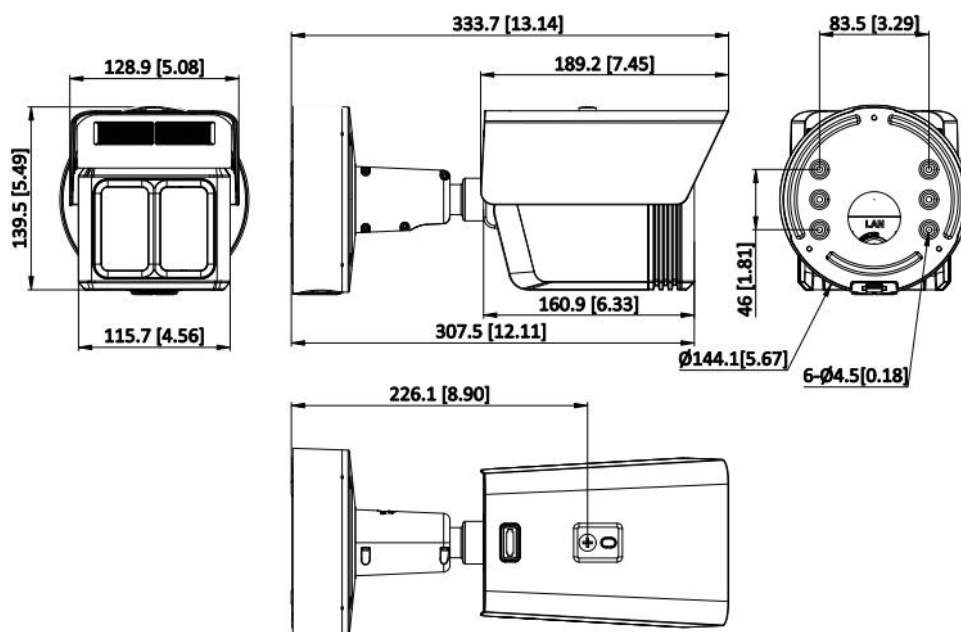
▪ Dimension



Unit:mm (inch)

With - Y

Camera Mounting Hole (mm)	Camera Mounting Hole (inch)
83.5×46(4*φ4.5)	3.3''× 1.8'' (4*φ0.2'')








Unit:mm(inch)

Camera Mounting Hole (mm)	Camera Mounting Hole (inch)
83.5×46(4* $\phi 4.5$)	3.29"×1.81"(4* $\phi 0.18$ ")

▪ Accessory

▪ Optional

DS-1476ZJ-SUS	DS-1476ZJ-Y	DS-1475ZJ-SUS	DS-1275ZJ-S-SUS	DS-1475ZJ-Y
				

See Far, Go Further



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iDS-2CD7347G0-XS 4 MP DarkfighterS Fixed Turret Network Camera



Hikvision has been dedicated to develop products with security since established. Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- Supports Hikvision Embedded Open Platform (HEOP) and importing third party applications
- Supports 1.5 Tops computing power, 40 MB system memory, 350 MB smart RAM, and 1 GB eMMC storage for sharing resources
- High quality imaging with 4 MP resolution
- Excellent low-light performance via DarkfighterS technology
- Clear imaging against strong back light due to 140 dB WDR technology
- 5 streams to meet a wide variety of applications
- Efficient H.265+ compression technology to save bandwidth and storage
- Water and dust resistant (IP67)

▪ Function

Face Capture

With embedded deep learning based algorithms, the camera is able to give the best shot of a target face through detecting, capturing, grading and selecting. The camera uses face exposure function to dynamically adjust face area exposure of captures and ensures high face picture quality.

Perimeter Protection

With embedded deep learning based target detection and classification algorithms, the camera carries out the duty of perimeter protection, monitoring the actions of line crossing, intrusion, region entrance, and region exiting. The algorithms greatly filter out the mistaken alarm caused by the interference of leaves, lights, animal, flag, etc.

Queue Management

With embedded deep learning based algorithms, the camera detects queuing-up people number and waiting time of each person. It can generate reports to compare the efficiency of different queuing-ups and display the changing status of one queue, and supports raw data export for further analysis.

On/Off Duty Detection

With the embedded deep learning algorithms, the camera supports absence detection and on/off duty detection. It can detect the on/off duty status and people number changes in a predefined area.

Heat Map

The camera can generate a graphic description of visits (by calculating amount of people or amount of dwell time) in a configured area.

People Counting

With the embedded deep learning algorithms, the camera integrates multiple intelligences. It counts persons and reports a face alarm simultaneously to achieve both the entrance control and people counting.

▪ Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.0003 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR
Shutter Time	1 s to 1/100,000 s
Day & Night	IR cut filter, Blue glass module (less ghost phenomenon)
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 65°, rotate: 0° to 360°
Lens	
Focal Length & FOV	2.8 mm: horizontal FOV 111.0°, vertical FOV 57.6°, diagonal FOV 138.4° 4 mm: horizontal FOV 94.7°, vertical FOV 49.4°, diagonal FOV 112.6°
Iris Type	Fixed
Aperture	F1.0
DORI	
DORI	2.8 mm: D: 61.5 m, O: 24.4 m, R: 12.73 m, I: 6.2 m 4 mm: D: 72.1 m, O: 28.6 m, R: 14.4 m, I: 7.2 m
Illuminator	
Supplement Light Type	Hybrid (IR and White Light)
Supplement Light Range	Up to 40 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
HEOP	
Open Resources	Memory: 40 MB, Smart RAM: 350 MB, eMMC: 1 GB
Computing Power	1.5 TOPS
Open Capability	HEOP 2.0 OpendevSDK
Deep Learning Structure	Caffe, TensorFlow, PaddlePaddle, ONNX
Programming Language	C++
Video	
Main Stream	50 Hz: 25 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
Third Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fourth Stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
Fifth Stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)

Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, Fifth stream: H.265/H.264/MJPEG
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
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Target Cropping	Yes
Region of Interest (ROI)	4 fixed regions for each stream
Audio	
Audio Type	Mono sound
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/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)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, SRTP, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4/IPv6, UDP, Bonjour, SSL/TLS, ARP, WebSocket, WebSockets
Simultaneous Live View	Up to 20 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 1.2, TLS 1.3
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+
Image	
Image Parameters Switch	Yes
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule, Alarm Trigger, Video Trigger
Wide Dynamic Range (WDR)	140 dB
Image Enhancement	BLC, HLC, 3D DNR, Defog
Privacy Mask	8 programmable polygon privacy masks

Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format.
Image Stabilization	EIS
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 1 TB
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
Audio	1 input (line in), input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium, mono sound
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset Key	Yes
Power Output	12 VDC, max. 100 mA
Event	
Basic Event	Motion detection, video tampering alarm, video quality diagnosis, exception (network disconnected, IP address conflict, illegal login, abnormal restart, HDD full, HDD error), vibration detection
Smart Event	scene change detection, audio exception detection, defocus detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture, audible warning
Deep Learning Function	
Face Capture	Detects up to 60 faces simultaneously, Supports swing left and right from -60° to 60°, tilt up and down from -30° to 30°, Uploads face with background and closed-up face pictures
People Counting	Supports crossline people counting, Supports counting, displaying and exporting the people flow data of entering and exiting. (The data is stored in the flash.), The real-time people flow data is displayed on the screen. , Supports swing left and right from -60° to 60°, tilt up and down from -30° to 30°., Uploads face with background and closed-up face picture., Supports real-time uploading and uploading by statistic cycle
Queue Management	Supports up to 8 detection regions, and independent arming schedule and linkage method, Supports 2 detection modes: regional people queuing-up, waiting time detection, Generates reports to compare the efficiency of different queuing-ups and display the changing status of one queue, Supports raw data export for further analysis, Supports real-time data uploading and scheduled data uploading, Regional people queuing-up: supports 4 alarm trigger conditions, including greater than threshold, less than threshold, equal to threshold, not equal to threshold, Waiting time detection: supports 1 alarm trigger condition, including greater than threshold
Heat Map	A graphic description of visits (by calculating amount of people or amount of dwell time) in a configured area., Two report types are available, space heat map and time heat map line chart.
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting, Support alarm triggering by specified target types (human and vehicle)

Metadata	Intrusion detection, line crossing detection, region entrance detection, region exiting detection
On/Off Duty Detection	Supports up to 8 detection regions, and independent arming schedule and linkage method, Supports 2 detection modes: absence detection, on/off duty detection, Supports parameter settings: person on duty, absence duration
General	
Power	12 VDC \pm 20%, 0.66 A, max. 7.9 W, PoE: IEEE 802.3af, Type 1, Class 3, 36 V to 57 V, 0.16 A to 0.26 A, max. 9.69 W
Material	Aluminum alloy body
Dimension	\varnothing 138.6 mm \times 124.4 mm (\varnothing 5.46" \times 4.86")
Package Dimension	170 mm \times 170 mm \times 150 mm (6.7" \times 6.7" \times 6.0")
Weight	Approx. 820 g (1.81 lb.)
With Package Weight	Approx. 1095 g (2.42 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)
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, anti-banding, one-key reset, mirror, password protection, flash log
Demist	Yes
Approval	
EMC	CE-EMC: EN 55032: 2015+A1:2020, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7, KC: KN32: 2015, KN35: 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, LOA: IEC/EN 60950-1
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
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-

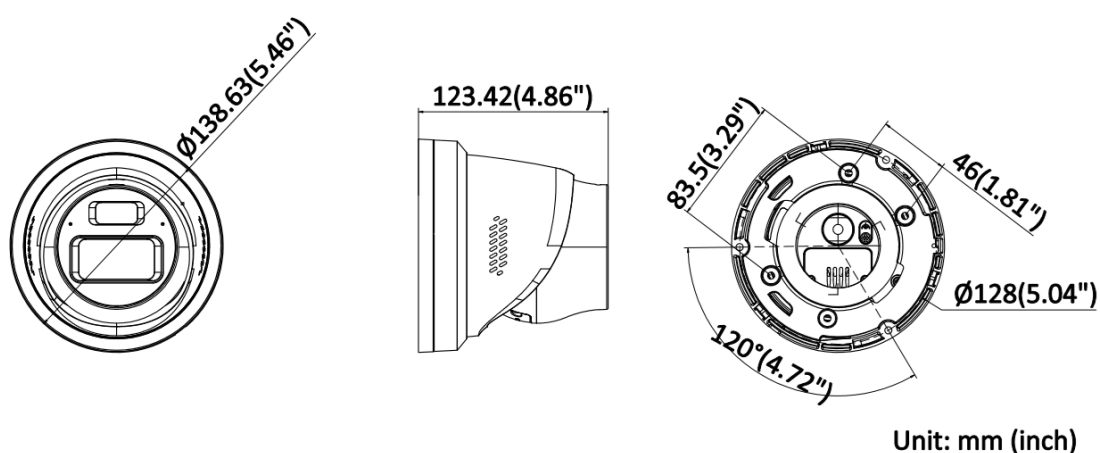
	corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (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

iDS-2CD7347G0-XS(2.8mm)



iDS-2CD7347G0-XS(4mm)

▪ Dimension



▪ Accessory

▪ Optional

DS-1273ZJ-140 Wall Mount	DS-1271ZJ-140 Pendant Mount
	

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iDS-6704NXI-S/T DeepinMind NVS

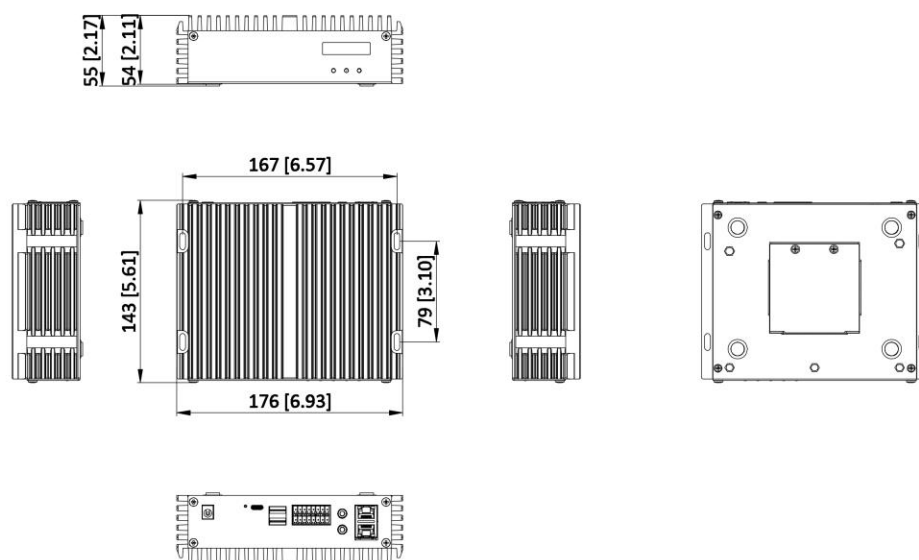


- Intelligent analytics based on deep learning algorithm
- Up to 4-ch video stream perimeter protection powered by large model technology
- H.265+/H.265/H.264+/H.264 video formats
- Pre-installed 1TB SSD
- Better environmental adaptability (-30°C to 60°C)

▪ Specification

Perimeter Protection	
By NVR	4-ch, 6 MP (HD network camera, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm
Video and Audio	
IP Video Input	4-ch
Incoming Bandwidth	32 Mbps
Outgoing Bandwidth	128 Mbps
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	8MP/7MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Network	
Remote Connection	128
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, ISUP, UPnP™, HTTP, HTTPS
API	ONVIF (profile S/G); SDK; ISAPI
Auxiliary Interface	
Serial Interface	1 RS-232 (Type-C)
Alarm In/Out	4/4
USB Interface	2 × USB 3.0
General	
Power Supply	48 VDC, 1.04A
Consumption	≤ 20 W
Working Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working Humidity	10 to 90 %
Dimension (W × D × H)	176 × 143 × 54 mm (6.9 × 5.6 × 2.1 inch)
Weight	≤ 1kg (2.2 lb.)
Certification	
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4
Obtained Certification	CE, CB, Rohs, Reach, WEEE, UKCA

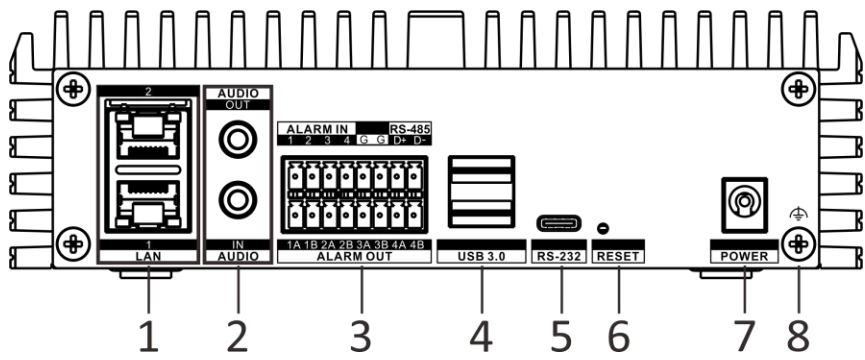
▪ Dimension



Unit:mm [inch]

SCALE	1:1
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Physical Interface



No.	Description	No.	Description
1	LAN network interfaces	5	RS-232 interface
2	Audio in and audio out	6	Reset button
3	Alarmin, alarmout, and RS-485	7	Power supply
4	USB 3.0 interfaces	8	GND

Available Model

iDS-6704NXI-S/T

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iDS-2CD5D47G2-XS**4MP DarkfighterS Fixed Lens Dome Camera****DeepinView^{series}****DarkFighter^{2.0}**

Hikvision has been dedicated to develop products with security since established.

Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection.

In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- High quality imaging with 4 MP resolution
- Excellent low-light performance via Darkfighter 2.0 technology
- Clear imaging against strong back light due to 140 dB Auto-WDR technology
- 4 streams to meet a wide variety of applications
- Efficient H.265+ compression technology to save bandwidth and storage
- Water and dust resistant (IP67) and vandal proof (IK10)
- High frame rate up to 4MP@60fps
- TPM 2.0 for cyber security

▪ Function

Face Capture

With embedded deep learning based algorithms, the camera is able to give the best shot of a target face through detecting, capturing, grading and selecting. The camera uses face exposure function to dynamically adjust face area exposure of captures and ensures high face picture quality.

Perimeter Protection

With embedded deep learning based target detection and classification algorithms, the camera carries out the duty of perimeter protection, monitoring the actions of line crossing, intrusion, region entrance, and region exiting. The algorithms greatly filter out the mistaken alarm caused by the interference of leaves, lights, animal, flag, etc.

Queue Management

With embedded deep learning based algorithms, the camera detects queuing-up people number and waiting time of each person. It can generate reports to compare the efficiency of different queuing-ups and display the changing status of one queue, and supports raw data export for further analysis.

On/Off Duty Detection

With the embedded deep learning algorithms, the camera supports absence detection and on/off duty detection. It can detect the on/off duty status and people number changes in a predefined area.

Heat Map

The camera can generate a graphic description of visits (by calculating amount of people or amount of dwell time) in a configured area.

Regional People Counting

With the embedded deep learning algorithms, the camera supports people density detection and will upload detection data through scheduled uploading, number of people change uploading and congestion level uploading. It also supports number of people exception detection and waiting time exception detection.

• Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.0003 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR
Shutter Time	1 s to 1/100,000 s
Day & Night	IR cut filter, Blue glass module (less ghost phenomenon)
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 111°, vertical FOV 58°, diagonal FOV 138° 4 mm, horizontal FOV 95°, vertical FOV 48°, diagonal FOV 117°
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Iris Type	Fixed
Aperture	F1.0
DORI	
DORI	2.8 mm: D (Detect) : 61.5 m, O (Observe) : 24.4 m, R (Recognize) : 12.73 m, I (Identify) : 6.2 m 4 mm: D (Detect) : 72.1 m, O (Observe) : 28.6 m, R (Recognize) : 14.4 m, I (Identify) : 7.2 m The DORI values are calculated using pixel densities for different use cases as recommended by the EN 62676-4 standard.
Illuminator	
Supplement Light Type	Hybrid (IR and White Light)
Supplement Light Range	Up to 40 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	Monitoring mode: 50 Hz: up to 50 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: up to 60 fps (2560 × 1440, 1920 × 1080, 1280 × 720) *High frame rate is supported under monitoring mode only. smart mode: 50 Hz: 25 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1280 × 720, 704 × 480, 640 × 480)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fourth Stream	50 Hz: 1 fps (704 × 576, 640 × 480) 60 Hz: 1 fps (704 × 480, 640 × 480)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG

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
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Target Cropping	Yes
Region of Interest (ROI)	4 fixed regions for each stream
Audio	
Audio Type	Mono sound
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/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)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, SRTP, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4/IPv6, UDP, Bonjour, SSL/TLS, ARP, WebSocket, WebSockets
Simultaneous Live View	Up to 20 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 1.2, TLS 1.3,TPM 2.0(FIPS 140-2 level 2),AES128/256
Network Storage	NAS (NFS, SMB/CIFS),Auto Network Replenishment (ANR), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Client	iVMS-4200,Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: 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
Wide Dynamic Range (WDR)	140 dB
Image Enhancement	BLC,HLC,3D DNR,Defog
Privacy Mask	8 programmable polygon privacy masks
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format.
Image Stabilization	EIS
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 1 TB

Built-in Microphone	1 built-in microphone
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
Audio	1 input (line in), input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium, mono sound
Built-in Speaker	1 built-in speaker
Reset Key	Yes
Power Output	12 VDC, max. 100 mA
Event	
Basic Event	Motion detection,video tampering alarm,video quality diagnosis,exception (network disconnected, IP address conflict, illegal login, abnormal restart, HDD full, HDD error),vibration detection
Smart Event	scene change detection,audio exception detection,defocus detection
Linkage	Upload to FTP/NAS/memory card,notify surveillance center,send email,trigger alarm output,trigger recording,trigger capture,audible warning
Deep Learning Function	
Face Capture	Detects up to 30 faces simultaneously, Supports swing left and right from -70° to 70°, tilt up and down from -50° to 50°, Uploads face with background and closed-up face pictures
Multi-target-type Detection	Supports simultaneous detection and capture of human body, face, and vehicle, Gets face features, Gets human body features, Gets vehicle features, Supports counting the number of line crossing targets by type, including human body, non-motor vehicle, motor vehicle
Queue Management	Supports up to 8 detection regions, and independent arming schedule and linkage method, Supports 2 detection modes: regional people queuing-up, waiting time detection, Generates reports to compare the efficiency of different queuing-ups and display the changing status of one queue, Supports raw data export for further analysis, Supports real-time data uploading and scheduled data uploading, Regional people queuing-up: supports 4 alarm trigger conditions, including greater than threshold, less than threshold, equal to threshold, not equal to threshold, Waiting time detection: supports 1 alarm trigger condition, including greater than threshold
Heat Map	A graphic description of visits (by calculating amount of people or amount of dwell time) in a configured area., Two report types are available, space heat map and time heat map line chart.
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting, Support alarm triggering by specified target types (human and vehicle)
Metadata	Intrusion detection,line crossing detection,region entrance detection,region exiting detection

Regional People Counting	<p>Supports up to 8 detection regions, and independent arming schedule and linkage method</p> <p>Supports 3 detection modes: people density detection, number of people exception detection, waiting time exception detection</p> <p>Supports parameter settings: alarm times per exception, alarm interval, first alarm delay</p> <p>Supports searching real-time number of people</p> <p>People density detection: supports scheduled uploading, number of people change uploading, congestion level uploading</p> <p>Number of people exception detection: supports 6 alarm trigger conditions, including greater than threshold A, less than threshold A, equal to threshold A, not equal to threshold A, greater than threshold A and less than threshold B, less than threshold A or greater than threshold B (threshold A should be less than threshold B)</p> <p>Waiting time exception detection: supports 3 alarm trigger conditions, including greater than threshold A, less than threshold A, greater than threshold A and less than threshold B (threshold A should be less than threshold B)</p>
On/Off Duty Detection	<p>Supports up to 8 detection regions, and independent arming schedule and linkage method,</p> <p>Supports 2 detection modes: absence detection, on/off duty detection,</p> <p>Supports parameter settings: person on duty, absence duration</p>
General	
Power	<p>12 VDC \pm 20%, 0.86A, max. 10.3 W,</p> <p>PoE: IEEE 802.3af, Type 1, Class 3, 36 V to 57 V, 0.25 A to 0.19 A, max. 10.3 W</p>
Material	Aluminum alloy body
Dimension	\varnothing 121.5 mm \times 97.6 mm (\varnothing 4.78" \times 3.84")
Package Dimension	150 mm \times 150 mm \times 141 mm (6.0" \times 6.0" \times 5.6")
Weight	Approx. 620 g (1.37 lb.)
With Package Weight	Approx. 805 g (1.78 lb.)
Storage Conditions	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ 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, anti-banding, one-key reset, mirror, password protection, flash log
Approval	
EMC	<p>CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021,</p> <p>RCM: AS/NZS CISPR 32: 2015,</p> <p>IC: ICES-003: Issue 7</p>
Safety	<p>CB: IEC 62368-1: 2014+A11,</p> <p>CE-LVD: EN 62368-1: 2014/A11: 2017,</p> <p>LOA: IEC/EN 60950-1</p>
Protection	IP67: IEC 60529-2013, IK10: IEC 62262:2002

Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Transport Certification	IATA Dangerous Goods Regulations, Dangerous Goods List, International Maritime Dangerous Goods Code, Railway Dangerous Goods List
Other	PVC FREE

▪ 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.

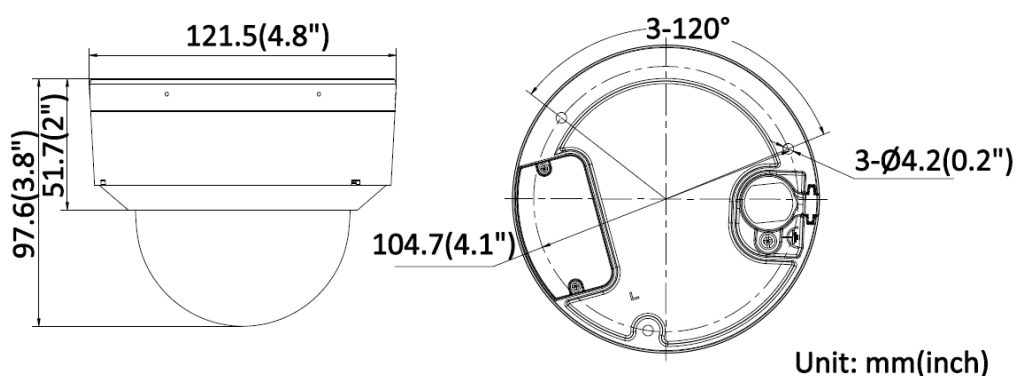
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped 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

iDS-2CD5D47G2-XS(2.8mm)

iDS-2CD5D47G2-XS(4mm)

▪ Dimension

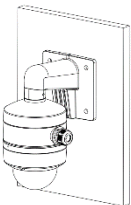
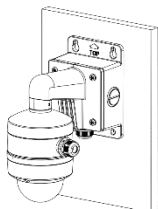

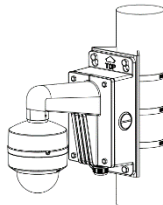
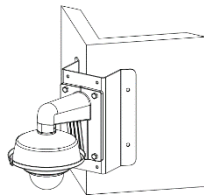
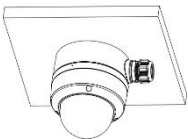
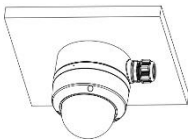


▪ **Accessory**

▪ **Optional**

DS-1272ZJ-120	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1275ZJ-SUS	DS-1276ZJ-SUS
				
DS-1280ZJ-DM46	DS-2280ZJ-WA120			
				

▪ **Installation Methods**

Wall Mounting DS-1272ZJ-120+DS-1280ZJ-DM46	Wall Mounting DS-1272ZJ-120B+DS-1280ZJ-DM46	Pendant Mounting DS-1271ZJ-120	Vertical Pole Mounting DS-1275ZJ-SUS+DS-2200ZJ-WAJ-120	Corner Mounting DS-1276ZJ-SUS+DS-1272ZJ-120+DS-1253ZJ-M
				
Junction Box DS-1280ZJ-DM46	Junction Box DS-2280ZJ-WA120			
				

See Far, Go Further



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iDS-9632NXI-M8/X DeepinMind M Series NVR

Key Feature

- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP/32-ch@1080p decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- Up to 32-ch IP cameras can be connected
- Intelligent analytics based on deep learning algorithm
- Up to 24-ch perimeter protection
- Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture
- Up to 12-ch video structuralization



Profession and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Dual-stream recording saves bandwidth
- Adopt stream over TLS encryption technology which provides more secure stream transmission service
- Support double verification for playback and downloading
- ANR (Automatic Network Replenishment) technology ensures network camera video storage reliability

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 8K resolution or dual 4K resolution

Storage and Playback

- Up to 8 SATA interfaces for HDD connection
- Up to 16-ch synchronous playback

Smart & POS Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR (Automatic Number-Plate Recognition), and people counting
- POS information overlay on live view and playback, and POS triggered recording and alarm

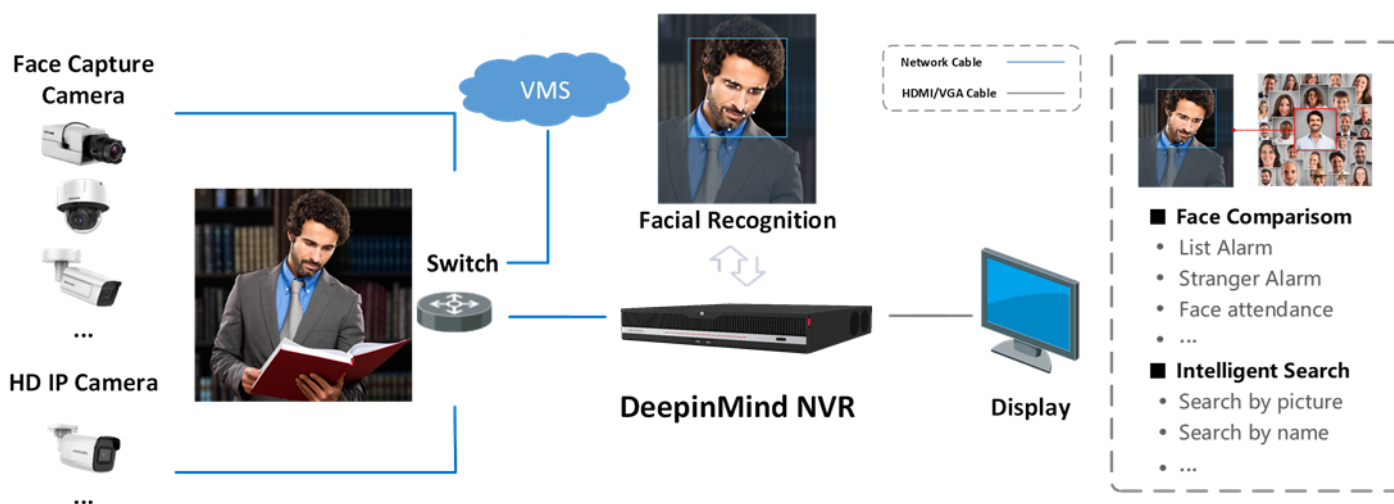
Network & Ethernet Access

- 2 self-adaptive 10M/100M/1000M Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

Typical Application

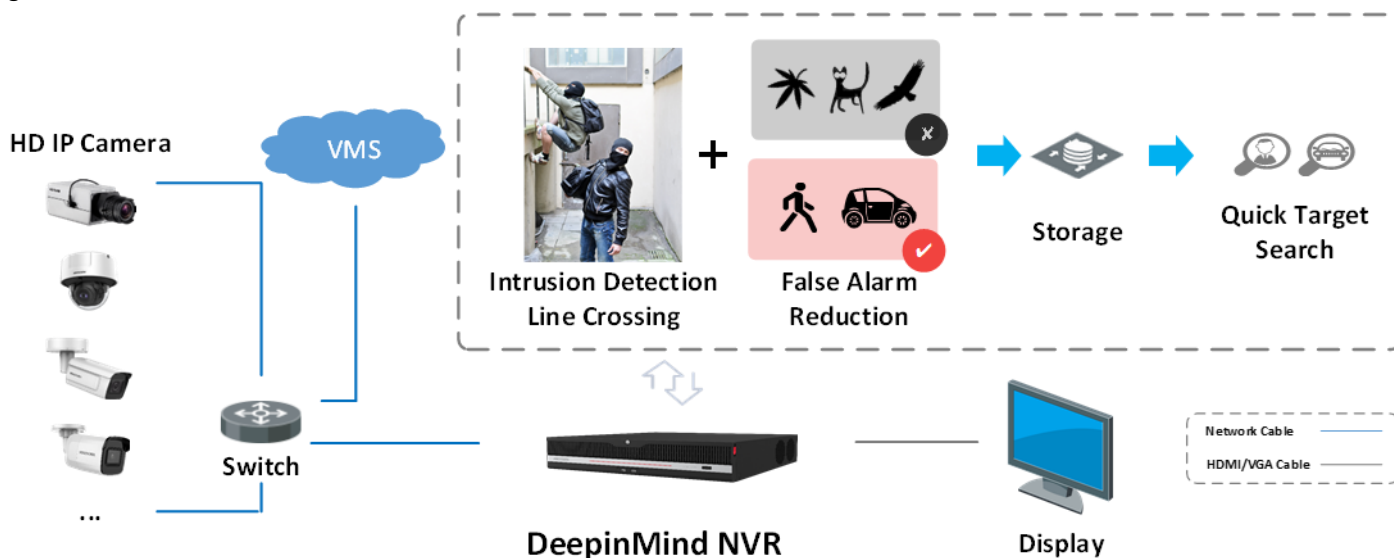
Facial Recognition and Face Picture Comparison

Modeling and analyzing face pictures captured by cameras. Realize list alarm and stranger alarm via face picture library. Search target people by picture and name features.



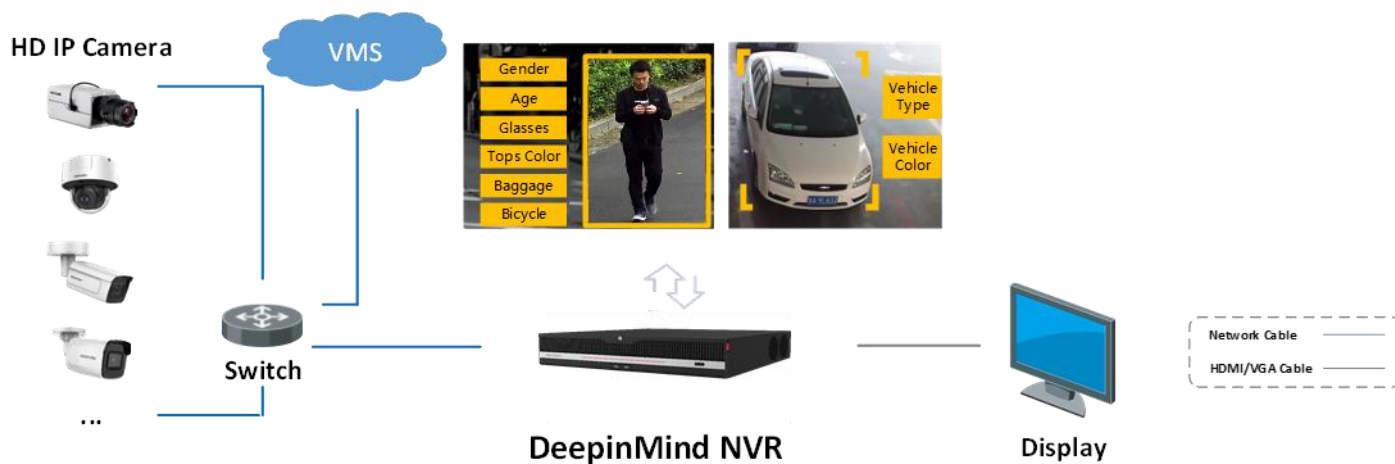
Perimeter Protection

Adopt deep learning algorithm to reduce false alarm, effectively reduces the false alarm caused by tree branches, leaves, shadow, light, vehicles, small animals, etc.



Video Structuralization

Extracting the face picture, human body and vehicle features from live videos, which is used for the tracking and retrieval of human and vehicles.



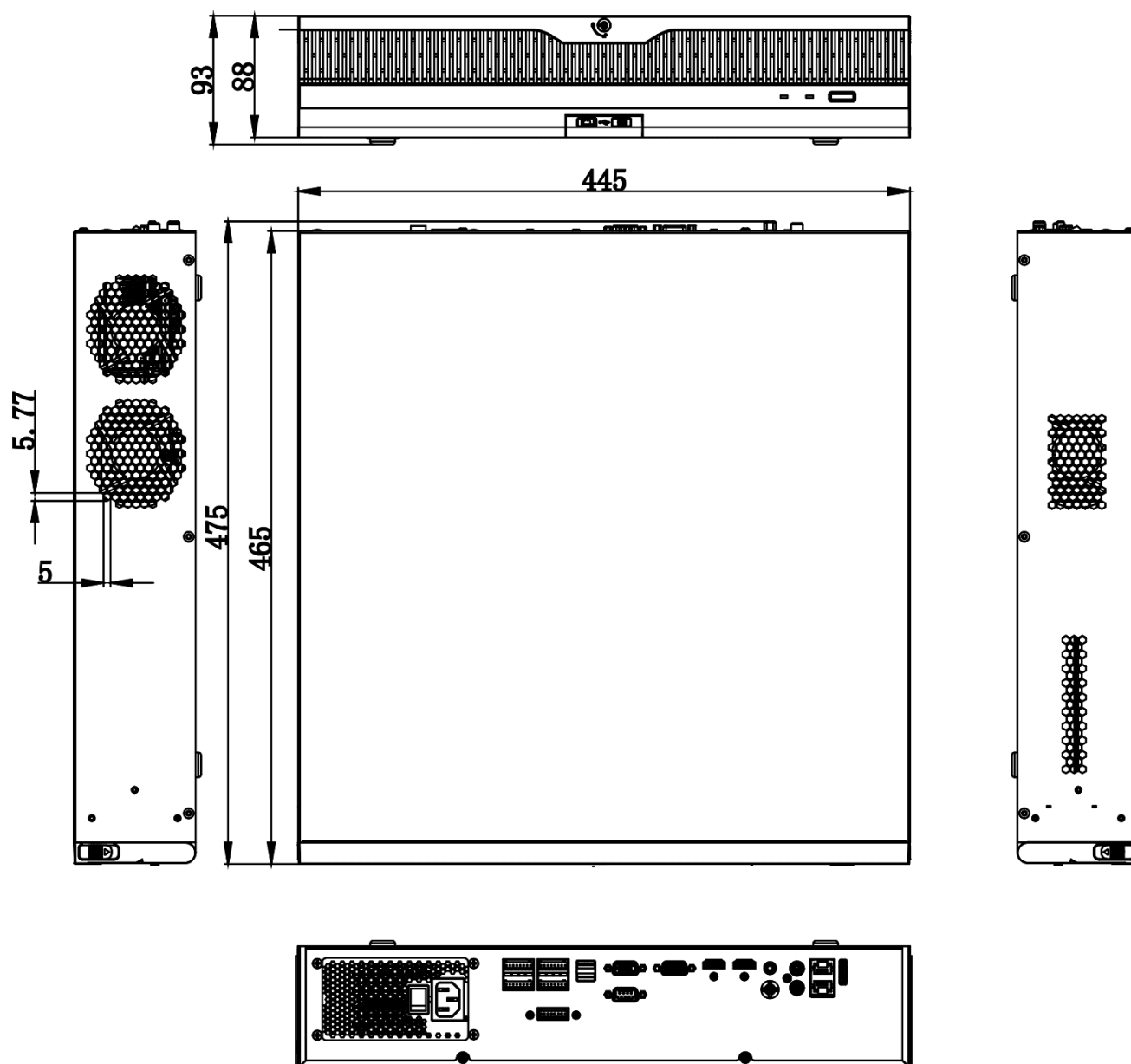
▪ Specification

Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, video structuralization, throwing objects from building
AI by Camera	Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection2.0, ANPR, people counting, VCA
Engine	2, each engine can run an intelligent algorithm, engine mode is adjustable
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 32 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 10,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison (Captured from Camera)	32-ch (16-ch for each engine); Comparison speed: 48 pictures per second
Facial Detection and Analytics Performance	16-ch 2 MP (8-ch for each engine), up to 8 MP
Perimeter Protection	
By NVR	24-ch 2 MP (12-ch for each engine), up to 8 MP
By Camera	All channels
Video Structuralization	
Structured Analysis	12-ch 2 MP (6-ch for each engine), up to 8 MP
Face Picture Library	Up to 32 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 10,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison	16-ch; Comparison speed: 32 pictures per second
Throwing Objects from Building	
By NVR	16-ch 2 MP (8-ch for each engine), up to 8 MP)
By Camera	All channels
ANPR	
By Camera	All channels
Vehicle Attributes	Vehicle brand, vehicle color, vehicle type
Plate Attributes	Plate number, license plate color, license plate type

Video and Audio	
IP Video Input	32-ch Up to 32 MP resolution *: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs.
Incoming Bandwidth	320 Mbps
Outgoing Bandwidth	400 Mbps
HDMI 1 Output	8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI 2 Output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz *: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.
VGA 1 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA 2 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 kΩ)
Decoding	
Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)/16-ch@4 MP (30 fps)/32-ch@1080p (30 fps)
Synchronous Playback	16-ch
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs.
Network	
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

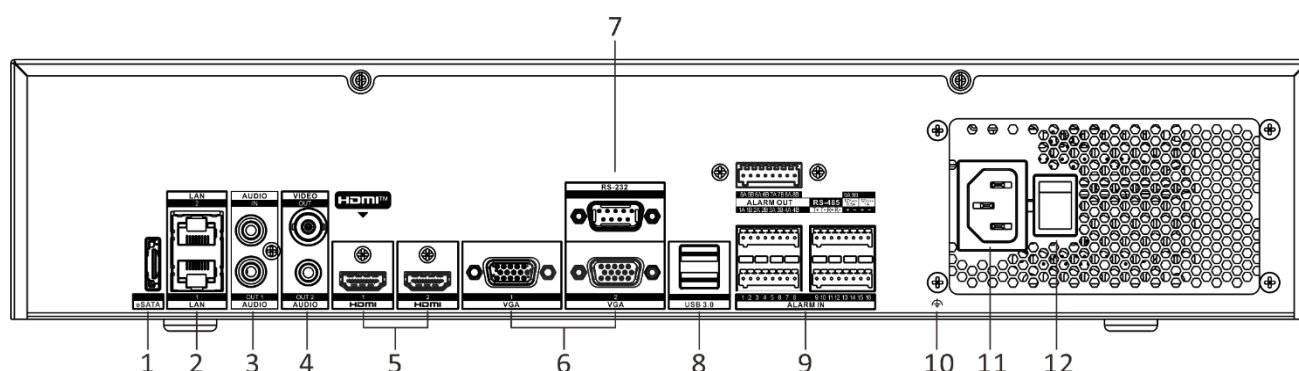
RAID	
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10
Auxiliary Interface	
Ctrl 12V	Controllable 12 VDC, 1 A power output for external alarm device; The power will be turned on when the alarm output is triggered. *: The Ctrl 12V power is controlled by alarm output 9.
DC 12V	12 VDC, 1 A power output
SATA	8 SATA interfaces; 3.5-inch HDD
eSATA	1 eSATA interface
Capacity	Up to 14 TB capacity for each HDD
Serial Interface	1 RS-232, 1 RS-485 (full-duplex), 1 keyboard
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm In/Out	16/9
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	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 50 W (without HDD)
Working Temperature	-10 to 55° C (14 to 131° F)
Working Humidity	10 to 90%
Dimension (W × D × H)	445 × 465 × 93 mm (17.5"× 18.3" × 3.7")
Weight	≤ 10 kg (without HDD, 28.7 lb.)
Certification	
Obtained Certification	CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020

Dimension



scale/1:1;Unit/mm

Physical Interface



No.	Description	No.	Description
1	eSATA interface	7	RS-232 Serial interface
2	LAN interfaces	8	USB 3.0 interfaces
3	Audio in and out	9	Alarm in, alarm out, RS-485 serial interface, Ctrl 12V and DC 12V
4	Audio out and video out	10	GND
5	HDMI 1 and HDMI 2 interfaces	11	100 to 240 VAC power supply
6	VGA 1 and VGA 2 interfaces		

Available Model

iDS-9632NXI-M8/X

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DS-2CD3646G2HT-LIZS(Y)**4 MP Smart Hybrid Light Varifocal Bullet Network Camera**

Hikvision has been dedicated to develop products with security since established.

Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection.

In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- Supports Hikvision Embedded Open Platform (HEOP) and importing third party applications
- Supports 1.5 Tops computing power, 60 MB system memory, 400 MB smart RAM, and 2 GB eMMC storage for sharing resources
- High quality imaging with 4 MP resolution
- Smart Hybrid Light: advanced technology with long range
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 130 dB WDR technology
- Motorized varifocal lens for easy installation and monitoring
- Focus on human and vehicle classification based on deep learning
- Water and dust resistant (IP67) and vandal resistant (IK10)

▪ Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.001 Lux @ (F1.2, 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 355°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Lens Type	Varifocal lens, motorized lens, 2.7 to 13.5 mm
Focal Length & FOV	2.7 to 13.5 mm, horizontal FOV 114.6° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.3° to 48.1°
Lens Mount	Integrated
Focus	Auto, Semi-auto, Manual
Iris Type	DC iris
Aperture	F1.2
Depth of Field	1 m to ∞
DORI	
DORI	Wide: D: 60.0m, O: 23.8 m, R: 12.0 m, I: 6.0 m Tele: D: 149 m, O: 59.1 m, R: 29.8 m, I: 14.9 m
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	Up to 60 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
HEOP	
Open Resources	Memory: 60 MB, Smart RAM: 400 MB, eMMC: 2 GB
Computing Power	1.5 TOPS
Open Capability	HEOP 2.0 OpendevSDK
Deep Learning Structure	Caffe, PyTorch, TensorFlow, PaddlePaddle, ONNX
Programming Language	C, C++
Video	
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (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.
Fourth Stream	50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360) *Fourth 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, Fourth stream: H.265/H.264/MJPEG, *Third stream and fourth stream are supported under certain settings.
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
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	5 fixed regions for main stream and sub-stream
Target Cropping	Yes
Audio	
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/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)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ARP, SNMP, WebSocket, WebSockets, SRTP
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), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
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
Wide Dynamic Range (WDR)	130 dB
Image Enhancement	BLC, HLC, 3D DNR, Defog

SNR	≥ 52 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
Audio	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	2 inputs, 2 outputs (max. 24 VDC/24 VAC, 1 A)
Reset Key	Yes
Power Output	12 VDC, max. 100 mA
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Smart Event	Unattended baggage detection, object removal detection, scene change detection, audio exception detection, defocus detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output, audible warning
Deep Learning Function	
Face Capture	Yes
People Counting	Yes
Perimeter Protection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, Support alarm triggered by specified target types (human and vehicle)
General	
Power	12 VDC ± 25%, 1.21 A, max. 14.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 18 W
Material	Front cover: Metal, body: Metal, bracket: Metal
Dimension	334 mm × 97.9 mm × 95.7 mm (13.2" × 3.9" × 3.8")
Package Dimension	386 mm × 190 mm × 180 mm (15.2" × 7.5" × 7.1")
Weight	Approx. 1085 g (2.4 lb.)
With Package Weight	Approx. 1639 g (3.6 lb.)
General Function	Heartbeat, anti-banding, mirror, flash log, password reset via email, pixel counter
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)
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

Safety	UL: UL 62368-1, CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017
Environment	CE-RoHS: 2011/65/EU
Protection	IP67: IEC 60529-2013, IK10: IEC 62262:2002
Anti-Corrosion Protection	-Y: NEMA 4X (NEMA 250-2018)

▪ 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.

With -Y model: This model has MODERATE PROTECTION.

Without -Y model: This model has NO SPECIFIC PROTECTION.

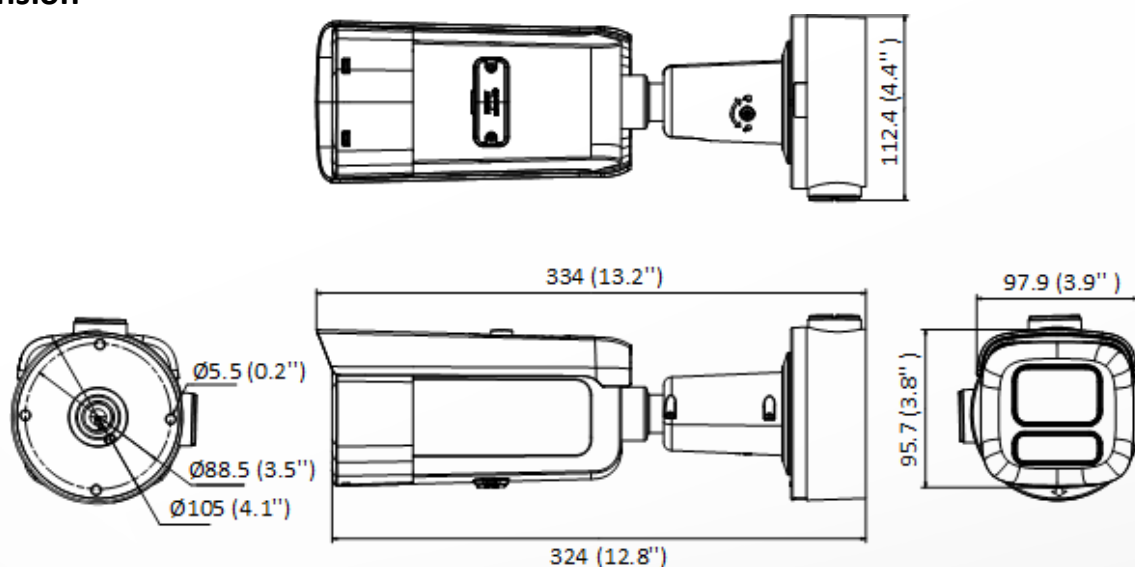
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped 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-2CD3646G2HT-LIZSY(2.7-13.5mm)

DS-2CD3646G2HT-LIZS(2.7-13.5mm)


▪ Dimension

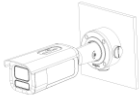


Unit: mm (inch)




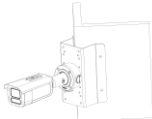

- **Accessory**
- **Included**

DS-1260ZJ
Junction box





- **Optional**

DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1275ZJ-S-SUS Vertical pole mount
		
		

See Far, Go Further



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DS-2SF7C420MXG0-ELW/2C**TandemVu 7C Series Panoramic 4 MP 20X DarkFighter Network Speed Dome**

Hikvision has been dedicated to develop products with security since established.

Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security defense capability and protect your devices as well as your data from malicious cyber attacks.

- Captures a large area and great details at the same time
- High quality imaging with 12 MP resolution for bullet channel
- 24/7 colorful imaging and excellent low-light performance with DarkFighter technology
- Bullet channel tilt adjustable from 12° to 24°
- Secures an expansive area with 20 × optical zoom and 16 × digital zoom
- Expansive night view with up to 30 m white light distance and 250 m IR distance
- Supports deep learning functions
- Water and dust resistant (IP67)

▪ Specification

Camera	
Image Sensor	[Bullet channel] 1/1.8" Progressive Scan CMOS, [PTZ channel] 1/1.8" Progressive Scan CMOS
Min. Illumination	[Bullet channel] Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with Light, [PTZ channel] Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with IR
Shutter Speed	1/25 s to 1/30000 s
Slow Shutter	Yes
Day & Night	[Bullet channel] Color, [PTZ channel] IR cut filter
Max. Resolution	[Bullet channel] 5344 × 2256, [PTZ channel] 2688 × 1520
Lens	
Focus	Auto, semi-auto, manual
Zoom Speed	[Bullet channel] No, [PTZ channel] approx. 4.8 s
Focal Length	[Bullet channel] 2.8 mm, [PTZ channel] 12 to 240 mm
FOV	[Bullet channel] horizontal field of view: 190° ± 5°, vertical field of view: 75° ± 5°, diagonal field of view: 195° ± 5°, [PTZ channel] horizontal field of view: 30.7° to 2.8°, vertical field of view: 17.6° to 1.6°, diagonal field of view: 69.18° to 2.35°
Aperture	[Bullet channel] F1.0, [PTZ channel] F1.0
Illuminator	
Supplement Light Range	[Bullet channel] White light: up to 30 m, [PTZ channel] white light: up to 30 m, IR: up to 250 m
Smart Supplement Light	Yes
PTZ	
Movement Range (Pan)	[PTZ channel] 0° to 360°
Movement Range (Tilt)	[Bullet channel] 12° to 24°, [PTZ channel] -20° to 90°
Pan Speed	[PTZ channel] pan speed: configurable from 0.1° to 160°/s, preset speed: 240°/s
Tilt Speed	[Bullet channel] tilt speed configurable, [PTZ channel] tilt speed: configurable from 0.1° to 120°/s, preset speed 200°/s
Proportional Pan	[Bullet channel] No, [PTZ channel] Yes
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Yes
Park Action	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan
3D Positioning	Yes
PTZ Status Display	Yes
Preset Freezing	Yes
Scheduled Task	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output

Video	
Main Stream	[Bullet channel] 50 Hz: 25 fps (5344 × 2256 , 4384 × 1856 , 3680 × 1656), 60 Hz: 24 fps (3840 × 1080),[PTZ channel] 50 Hz: 25 fps (2688 × 1520, 2560 × 1440 , 1920 × 1080 , 1280 × 960 , 1280 × 720, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720), 60 Hz: 30 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	[Bullet channel] 50 Hz: 25 fps (1336 × 564, 960 × 432), 60 Hz: 25 fps (1336 × 564, 960 × 432),[PTZ channel] 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288), 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	[Bullet channel] No,[PTZ channel] 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288), 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline profile, Main profile, High profile
H.265 Type	Main profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	8 fixed regions for each stream
Audio	
Audio Compression	G.711, G.722.1, G.726, MP2L2, PCM, AAC-LC
Audio Bit Rate	16 to 64Kbps (AAC-LC), 32 to 192 Kbps (MP2L2)
Audio Sampling Rate	8 kHz, 16 kHz, 32 kHz, 48 kHz
Environment Noise Filtering	Yes
Network	
API	ISUP, ISAPI, SDK, Open Network Video Interface (Profile S, Profile G, Profile T)
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, FTP
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, IP address filter, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), host authentication (MAC address), watermark
Client	iVMS-4200, HikCentral Pro, Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Safari 11+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Day/Night Switch	Day, night, auto, schedule
Image Enhancement	HLC, 3D DNR
Wide Dynamic Range (WDR)	[Bullet channel] No, [PTZ channel] 120 dB
Defog	Optical defog
Image Stabilization	EIS
Regional Exposure	Yes

Regional Focus	[Bullet channel] No, [PTZ channel] Yes
Image Settings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser
Image Parameters Switch	Yes
Privacy Mask	[Bullet channel] No, [PTZ channel] 24 programmable polygon privacy masks; mask color or mosaic configurable
SNR	≥ 52 dB
Supplement Detection	
Satellite Positioning	No
Gyroscope	Yes
Compass	No
Interface	
Ethernet Interface	1 RJ45 1000M self-adaptive Ethernet port
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB
Alarm	7 input(s), 2 output(s)
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%, 1 output (line out), line level, output impedance: 600 Ω
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset	Yes
Event	
Basic Event	video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error), alarm input and output, audio except detection
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Linkage	[Bullet channel] no, [PTZ channel] Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, audible warning, white light flashing, and PTZ actions (such as preset, patrol scan, pattern scan)
Smart Tracking	[PTZ channel] yes
Smart Linkage	tracking takeover, linked tracking capture, panorama linkage
Deep Learning Function	
Multi-Target-Type Detection	[Bullet channel] no, [PTZ channel] Supports simultaneous detection and capture of human body, face and vehicle
General	
General Function	mirror, password protection
Power	36 VDC ± 25%, max. 60 W
Operating Condition	-40 °C to 70 °C (-40 °F to 158 °F). Humidity 95% or less (non-condensing), For speaker: -30 °C to 55 °C (-22 °F to 131 °F)
Wiper	Model with -W: Yes, Model without -W: No
Demist	Yes
Material	ADC12
Dimension	Ø260 mm × 382.69 mm (Ø10.24" × 15.07")
Weight	Approx. 7.1 kg (15.65 lb.)
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 50130-4:2011+A1:2014, EN 55032:2015+A11:2020+A1:2020, EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2:2019+A1:2021)
Safety	CE-LVD (EN 62368-1:2014 + A11:2017), CB (IEC 62368-1:2014)
Environment	CE-RoHS (2011/65/EU and its amendment (EU)2015/863)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) TVS 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection
Anti-Corrosion Protection	Model with -Y: NEMA 4X (NEMA 250-2018), Model without -Y: No

▪ DORI

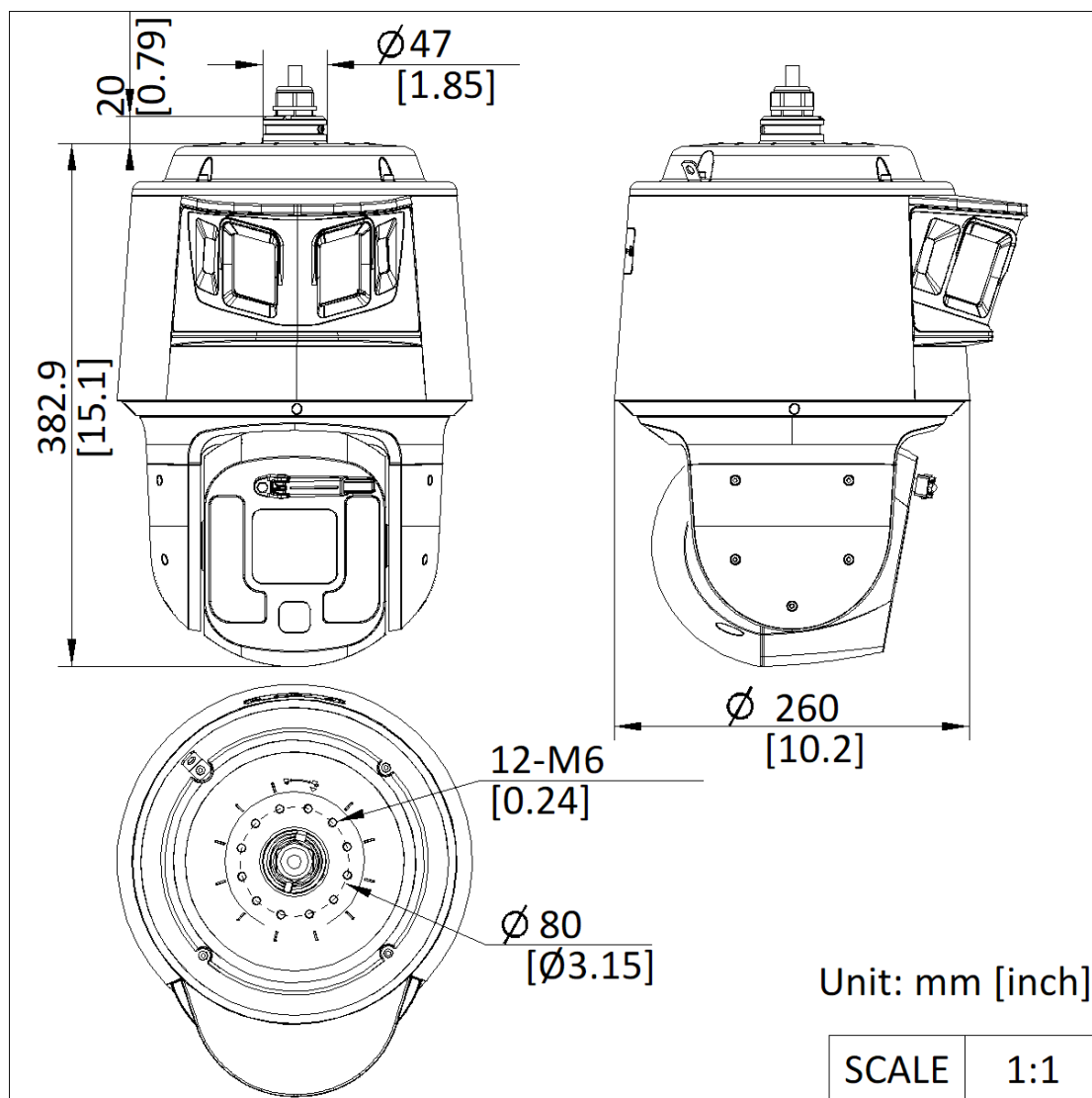
The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
[Bullet channel] Distance	56m	22.2m	11.2m	5.6m
[PTZ channel] Distance (Tele)	3310.3m	1313.6m	662.1m	331.05m

▪ Available Model

DS-2SF7C420MXG0-ELW/2C(F0)

▪ Dimension

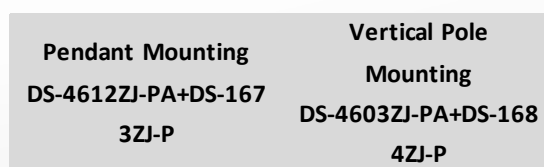


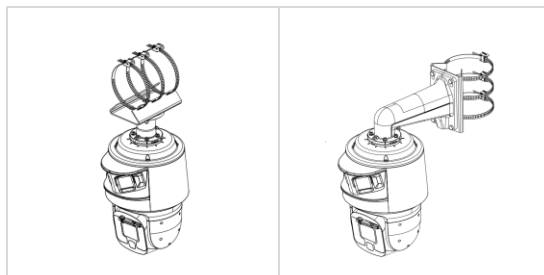
▪ Accessory

▪ Optional



▪ Installation Methods





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DS-2SF8C425MXG1-ELWY/14 4 MP 25 × Speed Dome



Hikvision has been dedicated to develop products with security since established. Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security defense capability and protect your devices as well as your data from malicious cyber attacks.

- Captures a large area and great details at the same time
- High quality imaging with 4 MP resolution for both bullet channel and PTZ channel
- 24/7 colorful imaging and excellent low-light performance with DarkFighter 2.0 technology
- Bullet channel tilt adjustable from 7° to 17°
- Secures an expansive area with 25 × optical zoom and 16 × digital zoom
- Expansive night view with up to 30 m white light distance and 300 m IR distance
- Supports deep learning functions
- Water and dust resistant (IP67) and vandal resistant (IK10) excluding glass window
- Audio visual alarm: The white flashing light and audible warning can be triggered by certain events

▪ Specification

Camera	
Image Sensor	[Bullet channel] 1/1.8" Progressive Scan CMOS, [PTZ channel] 1/1.8" Progressive Scan CMOS
Min. Illumination	[Bullet channel] Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with light, [PTZ channel] Color: 0.0005 Lux @ (F1.5, AGC ON), B/W: 0.0001 Lux @ (F1.5, AGC ON), 0 Lux with IR
Shutter Speed	1 s to 1/30000 s
Slow Shutter	Yes
Day & Night	[Bullet channel] Day,Night,Schedule,Auto, [PTZ channel] Day,Night,Schedule,Auto
Zoom	[PTZ channel] 25 × optical, 16 × digital
Max. Resolution	[Bullet channel] 2688 × 1520, [PTZ channel] 2688 × 1520
Lens	
Zoom Speed	[Bullet channel] No, [PTZ channel] approx. 4.8 s
Focus	Auto,semi-auto>manual
Focal Length	[Bullet channel] 4 mm, [PTZ channel] 5.9 to 147.5 mm
FOV	[Bullet channel] horizontal field of view: $89^{\circ} \pm 5^{\circ}$, vertical field of view: $45^{\circ} \pm 5^{\circ}$, diagonal field of view: $107^{\circ} \pm 5^{\circ}$, [PTZ channel] horizontal field of view: 58.5° to 3.1°, vertical field of view: 34° to 1.7°, diagonal field of view: 68.5° to 3.5°
Aperture	[Bullet channel] F1.0, [PTZ channel] F1.5
Illuminator	
Supplement Light Range	[Bullet channel] white light: up to 30 m, [PTZ channel] IR: up to 300 m
Smart Supplement Light	Yes
PTZ	
Movement Range (Pan)	[PTZ channel] 0° to 360°
Movement Range (Tilt)	[Bullet channel] 12° to 24°, [PTZ channel] -20° to 90°
Pan Speed	[PTZ channel] pan speed: configurable from 0.1° to 160°/s, preset speed: 240°/s
Tilt Speed	[Bullet channel] tilt speed configurable, [PTZ channel] tilt speed: configurable from 0.1° to 120°/s, preset speed 200°/s
Proportional Pan	[Bullet channel] No, [PTZ channel] Yes
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Yes
Park Action	Preset,pattern scan,patrol scan,auto scan,tilt scan,random scan,framescan,panorama scan
3D Positioning	Yes
PTZ Status Display	Yes
Preset Freezing	Yes
Scheduled Task	Preset,pattern scan,patrol scan,auto scan,tilt scan,random scan,framescan,panorama scan,dome reboot,dome adjust,aux output

Video	
Main Stream	<p>[Bullet channel] 50 Hz: 25 fps (2688 × 1520, 2560 × 1440), 60 Hz: 30fps (2688 × 1520, 2560 × 1440)</p> <p>[PTZ channel] 50 Hz: 50 fps (2688 × 1520, 2560 × 1440), 100 fps (1920 × 1080, 1280 × 960, 1280 × 720), 60 Hz: 60 fps (2688 × 1520, 2560 × 1440), 120 fps (1920 × 1080, 1280 × 960, 1280 × 720)</p> <p>*High frame rate is supported under monitoring mode only.</p>
Sub-Stream	<p>[Bullet channel] 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288), 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240), [PTZ channel] 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288), 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)</p>
Third Stream	<p>[Bullet channel] 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288), 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240), [PTZ channel] 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288), 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)</p>
Video Compression	<p>Main stream: H.265+/H.265/H.264+/H.264,</p> <p>Sub-stream: H.265/H.264/MJPEG,</p> <p>Third stream: H.265/H.264/MJPEG</p>
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline profile, Main profile, High profile
H.265 Type	Main profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	8 fixed regions for each stream
Audio	
Audio Compression	G.711, G.722.1, G.726, MP2L2, PCM, AAC-LC, MP3
Audio Bit Rate	32 to 192 Kbps (MP2L2), 16 to 64 Kbps (AAC-LC), 64 Kbps (G.711), 16 Kbps (G.726), 16 Kbps (G.722.1), 8-48 Kbps (PCM)
Audio Sampling Rate	8 kHz, 16 kHz, 32 kHz, 48 kHz
Environment Noise Filtering	Yes
Network	
API	ONVIF (Profile S, Profile G, Profile T, Profile M), ISUP, ISAPI, SDK, OTAP
Security	Password protection, complicated password, HTTPS encryption, IP address filter, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, host authentication (MAC address), TPM 2.0 (FIPS 140-2 level 2)
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, FTP
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Client	iVMS-4200, HikCentral Pro, Hik-Connect
Web Browser	<p>IE8+</p> <p>Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+</p> <p>Local service: Chrome 41.0+, Firefox 30.0+</p>
Image	
Wide Dynamic Range (WDR)	[Bullet channel] 120 dB, [PTZ channel] 150 dB
Day/Night Switch	Day, night, auto, schedule

Image Enhancement	HLC,3D DNR
Defog	Digital defog
Image Stabilization	EIS (Built-in gyroscope to improve EIS performance)
Regional Exposure	Yes
Regional Focus	[Bullet channel] No, [PTZ channel] Yes
Image Settings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser
Image Parameters Switch	Yes
Privacy Mask	[Bullet channel] No, [PTZ channel] 24 programmable polygon privacy masks; mask color or mosaic configurable
SNR	≥ 52 dB
Supplement Detection	
Satellite Positioning	No
Gyroscope	Yes
Compass	No
Interface	
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 1 TB .
Built-in Speaker	1 built-in speaker
Ethernet Interface	1 RJ45 100M self-adaptive Ethernet port
Alarm	7 input(s), 2 output(s)
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%, 1 output (line out), line level, output impedance: 600 Ω
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset	Yes
Event	
Basic Event	[PTZ channel] video tampering alarm,[PTZ channel & bullet channel] alarm input and output, exception
Smart Event	[PTZ channel & bullet channel] audio exception detection,[PTZ channel] line crossing detection, intrusion detection, region entrance detection, region exiting detection,[Bullet channel] line crossing detection, intrusion detection, region entrance detection, region exiting detection
Linkage	[Bullet channel] Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, audible warning, white light flashing,[PTZ channel] Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, audible warning, white light flashing, and PTZ actions (such as preset, patrol scan, pattern scan)
Deep Learning Function	
Perimeter Protection	Line crossing detection, region entrance detection, intrusion detection, region exiting detection
Face Capture	Detects up to 30 faces simultaneously, Uploads face with background and closed-up face pictures
Face Comparison	Up to 10 face libraries. 30000 faces for each library. 150000 faces in total, Recognizes face identity via face modeling, grading and comparing to those in face library, Supports face library encryption

Road Traffic and Vehicle Detection	<p>Smart Function:</p> <p>Support license plate recognition of vehicles and motorcycles (only in checkpoint scenario)</p> <p>Support vehicle attribute detection, including vehicle type, color, brand, driving direction, etc.</p> <p>Support vehicle and non-vehicle counting</p> <p>Blocklist and allowlist: up to 10,000 records</p> <p>LPR Countries/Regions:</p> <p>4 areas (Europe, Middle East, Asia-Pacific, Africa) and more than 124 countries/regions</p> <p>Accuracy (Under recommended installation and lighting conditions):</p> <p>License plate recognition rate $\geq 98\%$</p> <p>Capture rate $\geq 99\%$</p> <p>Driving direction accuracy rate $\geq 98\%$</p> <p>Vehicle Capture Speed:</p> <p>Front installation in checkpoint scenario: up to 120 km/h</p> <p>Side installation: up to 80 km/h</p> <p>Capture Mode: License Plate and Vehicle Mode, Vehicle Priority Mode</p>
Multi-Target-Type Detection	<p>Supports simultaneous detection and capture of human body, face and vehicle, Gets 7 face features, 14 human body features and 8 vehicle features</p>
Linkage and Tracking	
Smart Linkage	Manual tracking, auto tracking, tracking takeover, linked tracking capture
Smart Tracking	Manual tracking, auto-tracking 3.0
Object Tracking	<p>Support person arming. When the device detects the armed face or human body in the monitoring scene, it triggers alarms, and tracks and captures the target. During the tracking, the target location and other related information are uploaded. Support vehicle arming. When the device detects the armed vehicles in the monitoring scene, it triggers alarms, and tracks and captures the target. During the tracking, the target location and other related information are uploaded.</p>
General	
Power	36V, 2.5 A, PoE(802.3 bt), 42.5 to 57 V, 1.76 A
General Function	mirror, password protection
Operating Condition	-40 °C to 70 °C (-40 °F to 158 °F). Humidity 95% or less (non-condensing), For speaker: -30 °C to 55 °C (-22 °F to 131 °F)
Wiper	Yes
Demist	Yes
Material	ADC12
Dimension	Ø290 mm × 453.2 mm (Ø11.42" × 17.84")
Weight	Approx. 11.5 kg (25.35 lb.)
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), RCM (AS/NZS CISPR 32:2015), IC (ICES-003: Issue 7)
Safety	CB (IEC 62368-1:2014 + A11), CE-LVD (EN 62368-1:2014/A11:2017)
Environment	CE-RoHS (2011/65/EU), WEEE (2012/19/EU), Reach (Regulation (EC) No 1907/2006)

Protection	IP67 (IEC 60529-2013),TVS 6000 V lightning protection, surge protection and voltage transient protection,IK10 (IEC 62262:2002, excluding glass window)
Anti-Corrosion Protection	NEMA 4X (NEMA 250-2018)

▪ DORI

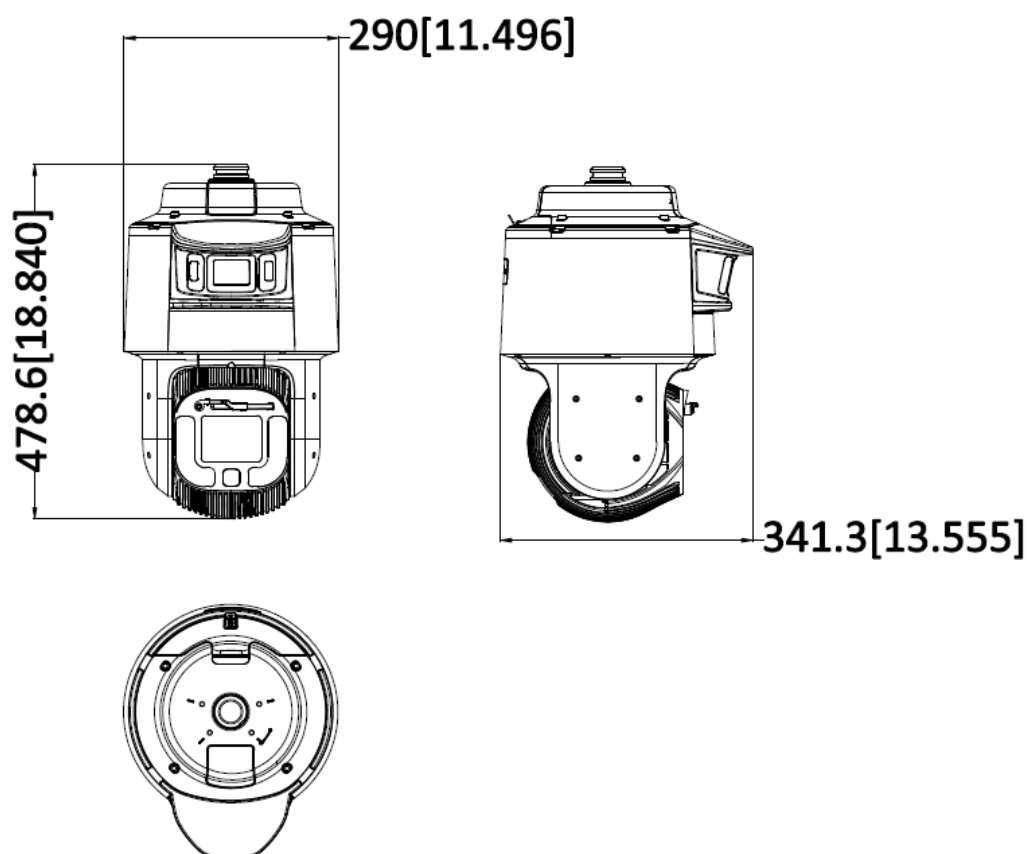
The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
[Bullet channel] Distance	77.0m	30.5m	15.4m	7.7m
[PTZ channel] Distance (Tele)	1855.2m	736.2m	371m	185.5m

▪ Available Model

DS-2SF8C425MXG1-ELWY/14(F1)

▪ Dimension



Unit: mm [inch]

SCALE	1:1
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▪ Accessory

▪ Optional

DS-2115ZJ-PSAC	DS-4614ZJ-PAAC	DS-4604ZJ-PAAC	DS-1684ZJ-P-Y
			

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DS-2SF8C442MXG-ELW/26 4 MP 42 × TandemVu PTZ Camera



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- Captures a large area and great details at the same time
- High quality imaging with 6 MP resolution for bullet channel
- 24/7 colorful imaging and excellent low-light performance with DarkFighter technology
- Panoramic channel tilt adjustable from 12° to 24°
- Secures an expansive area with 42 × optical zoom and 16 × digital zoom
- Expansive night view with up to 30 m white light distance and 300 m IR distance
- Supports deep learning functions
- Water and dust resistant (IP67) and vandal resistant (IK10)

▪ Specification

Camera	
Image Sensor	[Panoramic channel] 1/1.8" Progressive Scan CMOS, [PTZ channel] 1/1.8" Progressive Scan CMOS
Min. Illumination	[PTZ channel] Color: 0.0005 Lux @ (F1.3, AGC ON), B/W: 0.0001 Lux @ (F1.3, AGC ON), 0 lux with IR,[Panoramic channel] Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with light
Shutter Speed	1 s to 1/30000 s
Slow Shutter	Yes
Day & Night	[Panoramic channel] Color, [PTZ channel] IR cut filter
Zoom	[PTZ channel] 42 × optical, 16 × digital
Max. Resolution	[Panoramic channel] 3632 × 1632, [PTZ channel] 2560 × 1440
Lens	
FOV	[Panoramic channel] horizontal field of view: 190° ± 5°, vertical field of view: 80°±5°, [PTZ channel] horizontal field of view: 59° to 2°, vertical field of view: 34.2° to 11°, diagonal field of view: 67.1° to 2.3°
Zoom Speed	[Panoramic channel] No, [PTZ channel] approx. 5.6 s
Focus	Auto,semi-auto>manual
Focal Length	[Panoramic channel] 2.8 mm, [PTZ channel] 6 to 252 mm
Aperture	[Panoramic channel] F1.0, [PTZ channel] F1.3
Illuminator	
Supplement Light Range	[Panoramic channel] white light: up to 30 m, [PTZ channel] IR: up to 300 m
Smart Supplement Light	Yes
PTZ	
Movement Range (Pan)	360° endless
Movement Range (Tilt)	[Panoramic channel] 12° to 24°, [PTZ channel] -20° to 90°
Pan Speed	[PTZ channel] pan speed: configurable from 0.1° to 160°/s, preset speed: 240°/s
Tilt Speed	[PTZ channel] tilt speed: configurable from 0.1° to 120°/s, preset speed 200°/s,[Panoramic channel] tilt speed configurable
Proportional Pan	[Panoramic channel] No, [PTZ channel] Yes
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Yes
Park Action	Preset,pattern scan,patrol scan,auto scan,tilt scan,random scan,frame scan,panorama scan
3D Positioning	Yes
PTZ Status Display	Yes
Preset Freezing	Yes
Scheduled Task	Preset,pattern scan,patrol scan,auto scan,tilt scan,random scan,frame scan,panorama scan,dome reboot,dome adjust,aux output
Video	
Main Stream	[PTZ channel] 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720), 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720),[Panoramic channel] 50 Hz: 25 fps (3680 × 1656 , 3632 × 1632), 60 Hz: 30 fps (3680 × 1656 , 3632 × 1632)

Sub-Stream	[PTZ channel] 50 Hz: 25 fps (704 × 576 , 640 × 480 , 352 × 288), 60 Hz: 30 fps (704 × 576 , 640 × 480 , 352 × 288),[Panoramic channel] 50 Hz: 25 fps (1200 × 536、960x432), 60 Hz: 30 fps (1200 × 536、960x432)
Third Stream	[PTZ channel] 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288), 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240),[Panoramic channel] No
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline profile,Main profile,High profile
H.265 Type	Main profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	8 fixed regions for each stream
Audio	
Audio Compression	G.711,G.722.1,G.726,MP2L2,PCM,AAC-LC
Audio Bit Rate	32 to 192 Kbps (MP2L2),16 to 64Kbps (AAC-LC)
Audio Sampling Rate	8 kHz,16 kHz,32 kHz,48 kHz
Environment Noise Filtering	Yes
Network	
API	ISAPI,SDK,ISUP,ONVIF
Network Storage	NAS (NFS, SMB/CIFS),auto network replenishment (ANR)
Protocols	IPv4/IPv6,HTTP,HTTPS,802.1X,QoS,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTCP,RTP,TCP/IP,UDP,IGMP,ICMP,DHCP,PPPoE,Bonjour,FTP
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Security	Password protection,complicated password,IP address filter,HTTPS encryption,802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5),host authentication (MAC address),watermark
Client	iVMS-4200,HikCentral Pro,Hik-Connect
Web Browser	IE 10+, Chrome 57+, Firefox 52+, Safari 12+
Image	
Wide Dynamic Range (WDR)	[Panoramic channel] 120 dB, [PTZ channel] 120 dB
Day/Night Switch	Day,night,auto,schedule
Privacy Mask	[Panoramic channel] 8 programmable polygon privacy masks, [PTZ channel] 24 programmable polygon privacy masks; mask color or mosaic configurable
Image Enhancement	HLC,3D DNR
Defog	Optical defog
Image Stabilization	EIS (Built-in gyroscope to improve EIS performance)
Regional Exposure	Yes
Regional Focus	[Panoramic channel] No, [PTZ channel] Yes
Image Settings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser
Image Parameters Switch	Yes
SNR	≥ 52 dB

Supplement Detection	
Satellite Positioning	No
Gyroscope	Yes
Compass	No
Interface	
Ethernet Interface	1 RJ45 100M self-adaptive Ethernet port
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB
Alarm	7 input(s), 2 output(s)
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 K Ω \pm 10%, 1 output (line out), line level, output impedance: 600 Ω
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset	Yes
Event	
Basic Event	[PTZ channel & panoramic channel] alarm input and output, exception,[PTZ channel] motion detection, video tampering alarm
Smart Event	[Panoramic channel] line crossing detection, intrusion detection, region entrance detection, region exiting detection,[PTZ channel] line crossing detection, intrusion detection, region entrance detection, region exiting detection
Linkage	[Panoramic channel] Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, audible warning, white light flashing, [PTZ channel] Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, and PTZ actions (such as preset, patrol scan, pattern scan)
Smart Tracking	[PTZ channel] yes
Smart Linkage	Manual tracking, tracking takeover, linked tracking capture
Deep Learning Function	
Multi-Target-Type Detection	[PTZ channel] Supports simultaneous detection and capture of human body and face
Perimeter Protection	PTZ and Panoramic channel both support
General	
General Function	mirror,password protection
Power	36 VDC \pm 25%, max. 60 W, Hi-PoE,including max. 6 W for heater and max. 3 W for supplement light of panoramic channel, and max. 6 W for heater and max. 12 W for supplement light of PTZ channel
Operating Condition	-40 $^{\circ}$ C to 70 $^{\circ}$ C (-40 $^{\circ}$ F to 158 $^{\circ}$ F). Humidity 95% or less (non-condensing),For speaker: -30 $^{\circ}$ C to 55 $^{\circ}$ C (-22 $^{\circ}$ F to 131 $^{\circ}$ F)
Wiper	Yes
Demist	Yes
Material	ADC12
Dimension	\varnothing 290 mm \times 453.2 mm (\varnothing 11.42" \times 17.84")
Weight	Approx. 10.5 kg (23.15 lb.)
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	FCC (47 CFR Part 15, Subpart B),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),IC (ICES-003: Issue 7),KC (KN 32: 2015, KN 35: 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),LOA (IEC/EN 60950-1)
Environment	CE-RoHS (2011/65/EU),WEEE (2012/19/EU),Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013),TVS 6000 V lightning protection, surge protection and voltage transient protection,IK10 (IEC 62262:2002)

▪ DORI

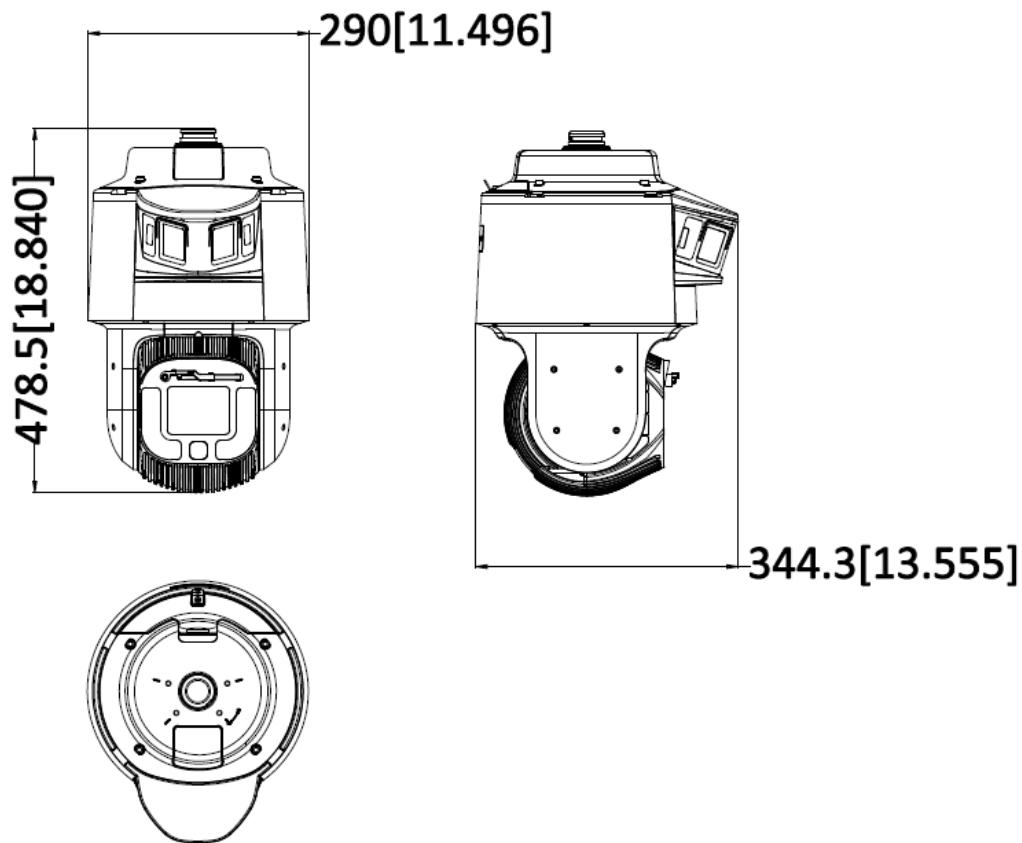
The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
[Bullet channel] Distance	77.0m	30.5m	15.4m	7.7m
[PTZ channel] Distance (Tele)	2965.5m	1176.8m	593.1m	296.6m

▪ Available Model

DS-2SF8C442MXG-ELW/26(F0)

▪ Dimension



Unit: mm [inch]

SCALE	1:1
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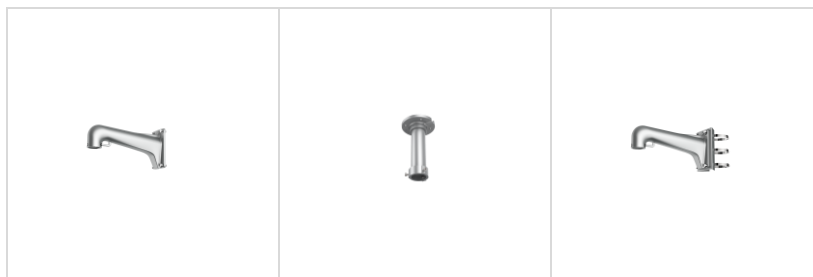
▪ **Accessory**

▪ **Optional**

DS-1603ZJ-P
Wall mount

DS-1661ZJ-P
Pendant Mount

DS-1603ZJ-Pole-P
Vertical pole mount



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DS-7632NXI-I2/VPro AcuSeek NVR



- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on Guanlan Large-Scale AI Models
- Up to 8-ch facial recognition for face picture
- Up to 32-ch IP camera inputs
- Up to 32-ch 1080p decoding capability

▪ Function

Compression and Recording

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel IP cameras connection
- Compatible to third-party network cameras

HD Video Output

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

Storage and Playback

- Up to 2 SATA interfaces for HDD connection
- 8-ch synchronous playback

Smart & POS Function

- Support multiple VCA (Video Content Analytics) events
- Supports AcuSearch and acuseek, allowing users to free text search events and targets.
- Smart search for the selected area in the video, and smart playback to improve the playback efficiency
- POS information overlay on live view and playback
- POS triggered recording and alarm

Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

▪ Specification

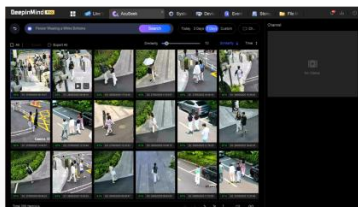
Intelligent Analytics	
AI by NVR	Facial recognition
AI by NVR and Camera	Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection 2.0, ANPR, people counting, AcuSeek
Engine	2 engines. 1 is for face picture and AcuSearch. 1 is for AcuSeek
Facial Recognition	
Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 512 KB, total capacity ≤ 1 GB)
Face Picture Comparison	8-ch
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Facial Detection and Analytics Performance	4-ch human face capture (HD network camera, 4-ch 2MP, 2-ch 4MP, 1-ch 8MP, H.264/H.265)
AcuSearch	
Performance	If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSearch in all channels, capable of modeling 300,000 targets/day.
AcuSeek	
Performance	If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSeek in all channels, capable of modeling 300,000 targets/day.
Search Language	English
ANPR	
By Camera	All channels
Vehicle Attributes	Plate number, license plate color, license plate type
Plate Attributes	Vehicle brand, vehicle color, vehicle type
Video and Audio	
IP Video Input	32-ch
Incoming Bandwidth	384 Mbps
Outgoing Bandwidth	256 Mbps
HDMI Output	4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1280 × 720/60 Hz
VGA Output	1920 × 1080/60 Hz, 1280 × 720/60 Hz,
Video Output Mode	HDMI/VGA independent output
CVBS Output	NA
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Decoding	
Decoding Format	H.265+, H.265, H.264+, H.264
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: The NVR supports up to 4-ch 32 MP/24 MP IP video inputs.
Synchronous playback	16-ch
Live View Window Division	1/2/4/6/8/9/16/25/36
Aux Port Window Division	1/2/4/6/8/9/16/25/36

Decoding Capability	Enable AI by NVR: 20-ch@1080p (30 fps) Disable AI by NVR: 32-ch@1080p (30 fps)
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM
Dual-Stream Recording	Support
Stream Type	Video, Video & Audio
Network	
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
API	ONVIF (profileS/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Camera Access Protocol	ONVIF(Version 2.5), RTSP
Auxiliary Interface	
SATA	2 SATA interfaces
Capacity	Up to 20 TB capacity for each disk
Alarm In/Out	4/1
USB Interface	Front panel: 1× USB 2.0; Rear panel: 1 × USB 3.0
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, Hebrew
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 50 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Chassis	1U chassis
Dimension (W × D × H)	384 × 371 × 52 mm (15.12" × 12.48" × 2.03")
Weight	≤5 kg (without HDD, 11.02 lb.)
Certification	
Obtained Certification	CE, CB, REACH, WEEE, UKCA, RCM, IC, LOA, KC
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

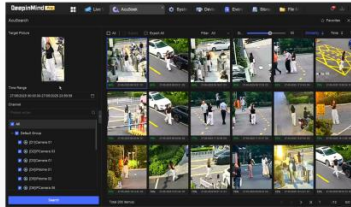
▪ Typical Application

AcuSeek And AcuSearch

① Using the AcuSeek function, users can input target characteristic descriptions to search for corresponding targets. Then system will return search results matching the description.

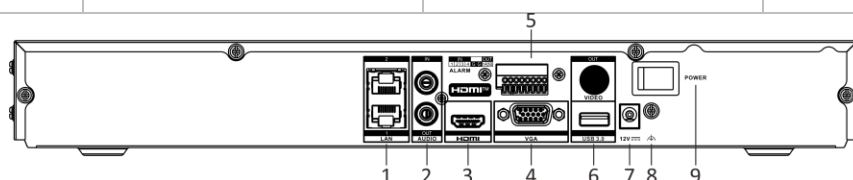


② Once the target is identified, use the AcuSearch function to retrieve all capture of the target across all channels and trace historical events.



- **Physical Interface**

No.	Description	No.	Description
1	LAN interfaces	6	USB 3.0 interface
2	Audio in and out	7	12V power supply
3	HDMI interface	8	GND
4	VGA interface	9	Power switch
5	Alarmin and out		



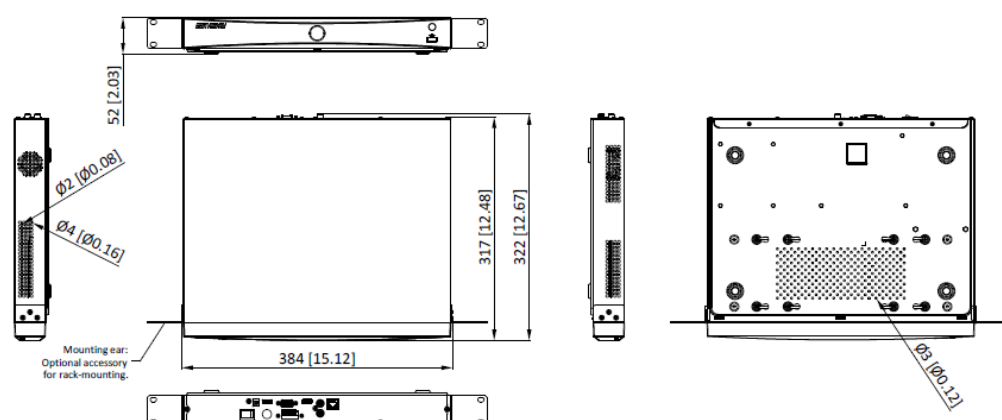
- **Available Model**

DS-7632NXI-I2/VPro(废弃)

DS-7632NXI-I2/VPro(STD)

DS-7632NXI-I2/VPro(NEU)

- **Dimension**



Unit:mm [inch]

SCALE	1:1
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DS-K1T321MX Face Recognition Terminal



Face recognition terminal adopts deep learning algorithm, which helps to recognize the face faster with higher accuracy. It also supports multiple authentication modes: face/card/PIN authentication, etc. It can be applied in multiple scenarios, such as buildings, enterprises, financial industries, and other important areas.

- 2.4-inch LCD screen, 2 MP lens
- Multiple authentication methods, including face, card (M1 card), and PIN, etc.
- Max. 500 faces, 3000 cards, and 150,000 events
- Face recognition duration < 0.2 s/User
- Supports ISAPI and ISUP 5.0 protocols
- Configuration via the PC web client and mobile web client
- Supports wiring with secure door control unit or card reader via RS-485

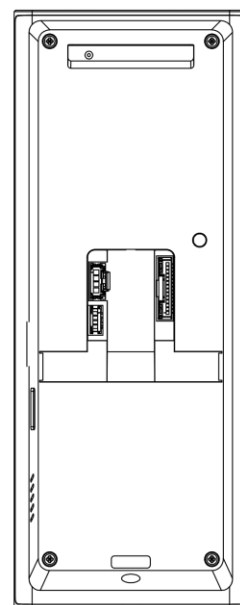
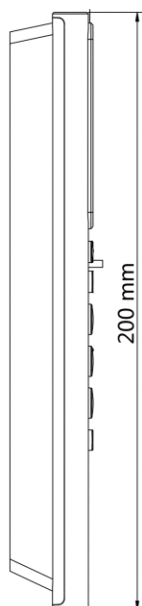
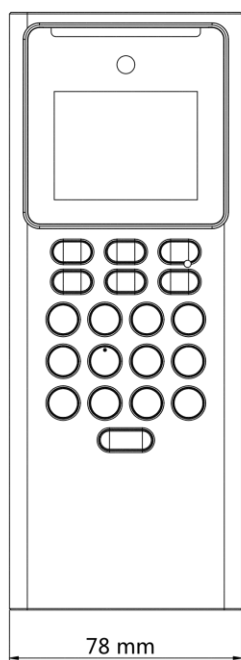
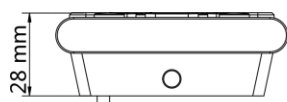
▪ Specification

Display	
Screen size	2.4 inch
Type	LCD
Video	
Lens	1
Resolution	2 MP (video stream: 720P)
FOV	HFOV = 25°; VFOV = 43°
Network	
Wired network	Support
Interface	
Network interface	1 RJ-45, 10/100 M self-adaptive
Lock control	1
Exit button	1
Door contact input	1
TAMPER	1
RS-485	1 RS-485 (Half duplex, HIKVISION)
USB	1
Authentication	
Card type	M1 card
General	
Power supply	12 VDC
Power consumption	≤ 6 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	0% to 90% (No condensing)
Language	English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), Korean, Japanese
Keypad	Support
Function	
Face anti-spoofing	Support
Hik-Partner Pro	Support
Face recognition	Support

▪ Available Model

DS-K1T321MX

▪ Dimension



- **Accessory**
- **Optional**

DS-KAB321-B1 Bracket	DS-KAB321-B2 Bracket
	

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DS-K1T323MBWX-E1

Value Series Face Access Terminal



- 2.4-inch display screen, 2 Mega pixel wide-angle lens
- 1,000 face capacity, and 3000 card capacity
- Face recognition duration < 0.2 s/User
- Supports face and card authentication
- Two-way audio with client software, indoor station, and main station
- Supports AP mode. Supports mobile Web and PC Web for configuration
- Supports powered by 12 VDC or PoE and supports powering for device and door lock.
- Supports M1 card
- Supports WDR

• Specification

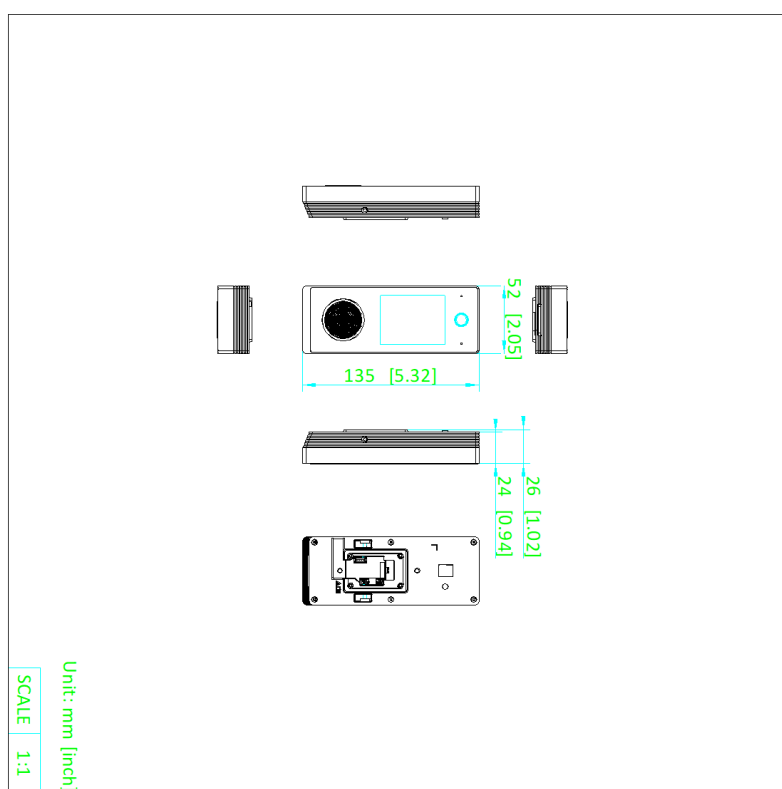
System	
Operating system	Linux
Display	
Screen size	2.4-inch
Resolution	240 × 320
Type	TFT
Operation method	Non touchable
Video	
Lens	×1
Video standard	PAL (Default) and NTSC
Network	
Bluetooth	Support
Wired network	10/100 Mbps self adaptive
Wi-Fi	Support
Interface	
PoE	IEEE802.3at, standard PoE
Network interface	1
Wiegand	1, supports Wiegand input, single direction
Lock control	1
Exit button	1
Door contact input	1
TAMPER	1
Capacity	
User capacity	1000
Card capacity	3000
Face capacity	1000
Event capacity	150000
Authentication	
Card type	M1 card,M1 card content,CPU card No.
Card reading frequency	13.56 MHz
Face recognition duration	< 0.33 s
Face recognition accuracy rate	> 99%
Face recognition distance	0.3 to 1.5 m
General	
Button	1 physical call button
Power supply	12 VDC, 1 A, standard PoE
Working temperature	-30 °C to 65 °C (-22 °F to 149 °F)
Working humidity	0 % to 90 % (no condensing)
Dimensions	135 mm × 52 mm × 26 mm (5.32" × 2.05" × 1.02")
Installation	Wall mounting
Protective level	IP65
Weight	Net weight: 0.19 kg (0.42 lb) Rough weight: 0.59 kg (1.3 lb)

Language	English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), Turkish, French, Traditional Chinese
Function	
QR code recognition	Support scan QR code via camera
Face anti-spoofing	Support
Two-way audio	Support

▪ Available Model

DS-K1T323MBWX-E1

▪ Dimension



▪ Accessory

▪ Optional

DS-KAB323-B1	DS-KAB323-S1	DS-KAB323-W1
		

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DS-K1T344MX-E1 Face Recognition Terminal



Face recognition terminal adopts deep learning algorithm, which helps to recognize the face faster with higher accuracy. It also supports multiple authentication modes. It can be applied in multiple scenarios, such as buildings, enterprises, financial industries, and other important areas.

- Supports 4.5-inch LCD touch screen, 2 Mega pixel wide-angle lens, and built-in M1 card reading module
- Max.3000 faces capacity, and Max.3000 cards
- Face Recognition Distance: 0.3 m to 1.5 m; Duration < 0.2 s/User; Accuracy rate ≥ 99%
- Supports face, card, and PIN authentication
- Two-way audio with client software, indoor station, and main station. Physical button and touch button are supported
- Supports mobile web and PC web for configuration
- Supports powered by 12 VDC or PoE and supports powering for device and door lock.

▪ Specification

System	
Operating system	Linux
Display	
Screen size	4.5-inch
Resolution	480 × 854
Type	LCD
Operation method	Touchable
Video	
Lens	× 2
Video standard	PAL (Default) and NTSC
Network	
Wired network	10/100 Mbps self adaptive
Wi-Fi	Not support
Interface	
Alarm input	2
Alarm output	1
PoE	IEEE802.3at, standard PoE
Network interface	1
RS-485	1
Wiegand	1, supports Wiegand input, single direction
Lock control	1
Exit button	1
Door contact input	1
TAMPER	1
USB	1
Capacity	
User capacity	3000
Card capacity	3000
Face capacity	3000
Event capacity	150000
Authentication	
Card type	M1 card
Card reading frequency	13.56 MHz
Face recognition duration	< 0.2 s
Face recognition accuracy rate	> 99%
Face recognition distance	0.3 to 1.5 m
General	
Button	1 physical call button
Power supply	12 VDC, 1 A, standard PoE
Working temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Working humidity	10 to 90% (No condensing)
Dimensions	165.2 mm × 75.7 mm × 25 mm (6.5" × 2.98" × 0.98")
Installation	Wall mounting
Protective level	IP65

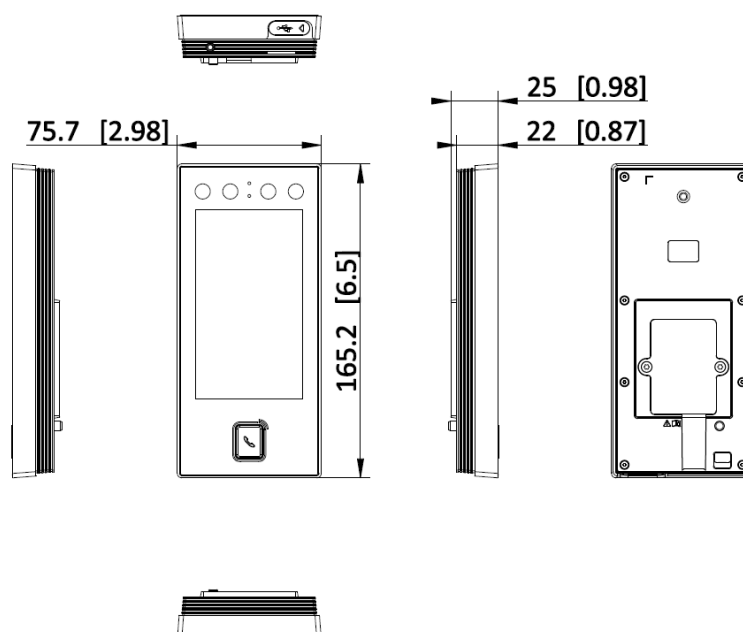
Weight	Gross weight: 0.60 kg (1.33 lbs) Net weight: 0.30 kg (0.66 lbs)
Language	English, Spanish (South America), Arabic, Thai, Indonesian, Russian, Vietnamese, Portuguese (Brazil), Turkish, French, Traditional Chinese, Kazakh, Uzbek
Function	
QR code recognition	Support scan QR code via camera
Face anti-spoofing	Support
Two-way audio	Support
Audio prompt	Support

▪ Available Model

DS-K1T344MX-E1

DS-K1T344MX-E1/BRASIL

▪ Dimension



Unit: mm [inch]

SCALE	1:1
-------	-----

▪ Accessory

▪ Optional

DS-KAB323-W1



DS-KAB344-S1



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DS-K3B801BX Swing Barrier



The swing barrier with two barriers and 24 pairs of IR lights is designed to detect unauthorized entrance or exit. By adopting the swing barrier integrated with the access control system, person should authenticate to pass through the lane via swiping IC or ID card, scanning QR code, etc. It is widely used in attractions, stadiums, construction sites, residences, etc.

- TCP/IP network communication: The communication data is specially encrypted to relieve the concern of privacy leak.
- Bidirectional (Entering/Exiting) lane: The barrier opening and closing speed can be configured according to the visitors flow
- The door wings will be locked or stop working when people are nipped.
- Audible and visual alarm will be triggered when detecting intrusion, tailgating, reverse passing, climbing over barrier, and overstay.
- Fire alarm passing: When the fire alarm is triggered, the barrier will be open automatically for emergency evacuation.
- Self-detection, Self-diagnostics, and automatic alarm.

▪ Specification

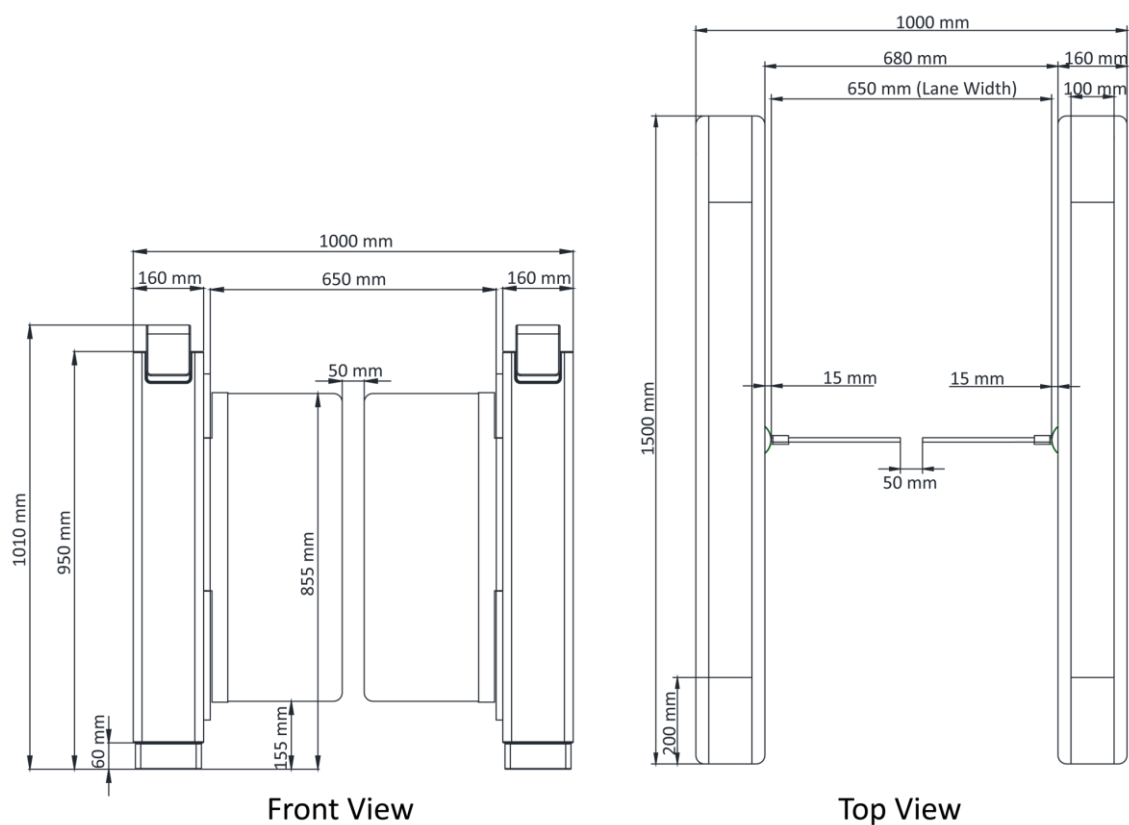
System	
Motor	Servo motor
MCBF	≥ 10 million times
Network	
Communication protocol	ISAPI,ISUP5.0
Wired network	10/100Mbps self-adaptive Ethernet
Interface	
Network interface	1
Lock control	2
Exit button	2
Alarm output	2
TAMPER	YES
RS-485	4
RS-232	2
Wiegand	2
Fire alarm input	1
Case input	2
Hardware	
Access controller	Supplied
Supercapacitor	Supplied
Capacity	
Fingerprint capacity	5,000 (optional)
Card capacity	1,000,000
Event capacity	1,000,000
Function	
Configuration via Web browser	Support
General	
Throughput	30 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method
IR light detectors	24 pairs
Lane width	550 mm to 1100 mm (21.65" to 43.31")
Barrier material	Acrylic glass or Tempered glass
Pedestal material	SUS304 stainless steel with the thickness of 2 mm (0.08")
Power	100 to 240 VAC; 50 to 60 Hz
Power consumption	65 W (stand by)
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10% to 95% (No Condensing)
Dimensions	With packaging: 1688 mm × 348 mm × 1318 mm (66.5" × 13.7" × 51.9") Without packaging: 1500 mm × 160 mm × 1010 mm (59.1" × 6.3" × 39.8")
Weight	(Net) Left: 100.5 kg (221.56 lbs) Middle: 122.4 kg (269.85 lbs) Right: 104.4 kg (230.2 lbs) (Rough) Left: 140.5 kg (309.76 lbs) Middle: 162.4 kg (350.05 lbs) Right: 144.4 kg (310.4 lbs)
Approval	CE/CB/RoHS/REACH/WEEE

Configuration	
Lane width	550, 650, 750, 900
Pedestal length	1500 mm
Module selection	YES
Pedestal width	160 mm
Wall distance	50 mm
Base	YES
Barrier material	Acrylic glass, Tempered glass
Application environment	Indoor
Authentication mode	Card, Face, Fingerprint, QR code
Card type	EM, M1, Desfire
Recommended width	650
Base model	DS-K3B801-BASE
Product type	Swing barrier
Remote controller type	433 Mhz, 868 Mhz
Movement Protrusion Width	15 mm

▪ Available Model

DS-K3B801BX

▪ Dimension




▪ **Accessory**

▪ **Included**

DS-K7CR01



▪ **Optional**

DS-K3B801-BASE Pro Series Swing Barrier	DS-K7R01-433 Wireless Kefob 433MHz	DS-K7R01-868 Wireless Kefob 868MHz
		

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