

DS-2XS6F45G1-IC1(/C2)/4G 4 MP Wildlife Network Camera



It can be installed in the wild environment for concealed observation and capture, and can detect the wild animals and their living habits to provide guidance for animal protection research.

- High-sensitivity PIR detector to realize accurate detection of wild animals and high-definition image acquisition with the detection range covering horizontal 90° ± 5°
- Ultra-low power consumption: support sleep mode and performance mode. In sleep mode, the standby time can be up to 125 days
- Support short-range WLAN AP function to conveniently debug, record, and preview the video
- Clear imaging against strong back light due to 120 dB true WDR technology
- Advanced infrared technology with IR distance up to 15 m
- Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
- Supports LTE-TDD/LTE-FDD/WCDMA/GSM to realize wireless connection
- Supports GPS positioning
- Built-in microphone for real-time audio security



•

Specification

Image Sensor1/4 ^a Progressive Scan CMOSNin. IlluminationColor: 0.05 Lux @ (F1.2, AGC ON),B/W: 0.001 Lux @ (F1.2, AGC ON),B/W: 0.1ux with IRMax. Resolution2688 × 1520Shutter Time16 to 1/100,000 SDay & NightB. cut filterBouter TimeIs to 1/100,000 SDay & NightRu cut filterFocal Length & FOV2.8 mm, horizontal FOV 101.5°, vertical FOV 57.2°, diagonal FOV 101.6°ApertureF1.6Can Length & FOV1.2 Mm, horizontal FOV 101.5°, vertical FOV 57.2°, diagonal FOV 101.6°ApertureF1.6Can Length & FOV1.2 Mm, horizontal FOV 101.5°, vertical FOV 57.2°, diagonal FOV 90,6°ApertureF1.6Can Length & FOV1.2 Mm, horizontal FOV 101.5°, vertical FOV 57.2°, diagonal FOV 90,6°ApertureStam: D' 53.6°m, O: 25.2°m, R: 12.7 m, I: 6.4 m d'am: D: 65.0°m, O: 25.2°m, R: 12.7 m, I: 6.4 m d'am: D: 65.0°m, O: 25.2°m, R: 13.2 m, I: 6.5 mBollSomSupplement Light RangeUp to 15 m d'am: D: 65.0°m, O: 25.2°m, R: 12.7 m, I: 6.4 m d'am: D: 65.0°m, O: 25.2°m, R: 12.7 m, I: 6.4 m d'am: D: 65.0°m, O: 25.2°m, R: 12.7 m, I: 6.4 m d'am: D: 65.0°m, O: 25.2°m, R: 12.7 m, I: 6.4 m d'am: D: 65.0°m, O: 25.2°m, R: 12.7 m, I: 6.4 m d'am: D: 65.0°m, O: 25.2°m, R: 13.2°m, D: 6.5 mBollSomSomSupplement Light RangeUp to 15 m d'am: D: 65.0°m, D: 25.2°m, R: 12.7°m, D: 6.4 m d'am: D: 65.0°m, D: 25.0°m, R: 12.0°m, D: 25.0°m, D: 25.0	Camera			
Nin. IlluminationIRMax. Resolution2688 × 1520Shutter Time1 s to 1/100,000 sDay & NightIR cut filterLensIR cut filterFocal Length & FOV2.8 mm, horizontal FOV 81.1", vertical FOV 57.2", diagonal FOV 90.6"ApertureF1.6Lens MountM12DORI2.8 mm: Dr 63.6 m, O: 25.2 m, R: 12.7 m, I: 6.4 m 4 mm: D: 66.0 m, O: 26.2 m, R: 13.2 m, I: 6.6 mIlluminatorSupplement Light RangeUp to 15 mSupplement Light RangeWavelength850 nmSupplement Light RangeUp to 15 mNam Stream50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)VideoMain stream: H.265Video GorngerssionMain stream: H.265L265 TypeBaseline Profile,Main ProfileL265 TypeBaseline Profile,Main Profile,High ProfileLate ControlCBR,VBRScalable Video Coding (SVC)H.265Audio Sampling Rate8 KH/16 KH/32 KH/24 KHzAudio Sampling Rate6 KH/16 KH/32 KH/24 KHzAudio Sampling Rate6 KKpis (5.7111a/w/16 Kbps (6.722.1/16 Kbps (6.726.1/32 to 192 Kbps (MP2L2)/s to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)Audio Sampling RateMainesterAudio Sampling RateMainesterAudio Sampling RateMathy Kubes (S.7111a/w/16 Kbps (6.722.1/16 Kbps (6.726.1/32 to 192 Kbps (MP2L2)/s to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)Audio Sampling RateMainesterAudio Sampling RateMathy Kubes Interface (Profile S, Profile G, ISAPI, SDK,	Image Sensor	1/3" Progressive Scan CMOS		
Shutter Time1 s to 1/100,000 sBay & NightIR cut filterLensFocal Length & FOV2.8 mm, horizontal FOV 103.6°, vertical FOV 57.2°, diagonal FOV 121.6° 4 mm, horizontal FOV 81.1°, vertical FOV 48.6°, diagonal FOV 90.6°ApertureF1.6Lens MountM12DORI2.8 mm: D: 63.6 m, O: 25.2 m, R: 12.7 m, I: 6.4 m 4 mm: D: 66.0 m, O: 26.2 m, R: 13.2 m, I: 6.4 mByplement Light TypeIRSupplement Light RangeUp to 15 mII Wavelength850 nmSupplement Light RangeUp to 15 mIR Mavelength850 nmSmart Supplement LightvesVideoVideo50 Hiz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hiz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hiz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720)Video Edit Rate32 Kbps to 8 MbpsLaseline Profile, Main Profile, High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265Audio Sampling Rate8 H4/16 Ht/32 Ht/248 Ht/2Audio Sampling Rate8 Ht/16 Kt/32 kt/248 Ht/2Audio Sampling Rate8 Ht/16 Kt/32 kt/248 Ht/2Audio Supplexion0.7116.722.1/G.726//MP212/PCM/MP3/AAC-LCAudio Supplexion9 to 6 channelsAudio Supplexion9 to 6 channelsAudio Supplexion10 to 6 channelsAudio Supplexion10 to 6 channelsAudio Supplexion10 to 6 channelsAudio Supplexion10 to 6 channelsAudio Suplexion10 to 6 channelsAudio Suplexio	Min. Illumination			
Day & NightIR cut filterLenstFocal Length & FOV2.8 mm, horizontal FOV 10.3 6°, vertical FOV 45.2°, diagonal FOV 90.6°ApertureF1.6Lenst MountM12 <th colst="" colst<="" number="" td=""><td>Max. Resolution</td><td colspan="2">2688 × 1520</td></th>	<td>Max. Resolution</td> <td colspan="2">2688 × 1520</td>	Max. Resolution	2688 × 1520	
LensFocal Length & FOV2.8 mm, horizontal FOV 103.6°, vertical FOV 57.2°, diagonal FOV 121.6° 4 mm, horizontal FOV 81.1°, vertical FOV 48.6°, diagonal FOV 90.6°ApertureF1.6Lens MountM12DORI2.8 mm: D: 63.6 m, O: 25.2 m, R: 12.7 m, I: 6.4 m 4 mm: D: 66.0 m, O: 26.2 m, R: 13.2 m, I: 6.6 mBluminatorSupplement Light TypeSupplement Light TypeIRSupplement Light RangeUp to 15 mIR Wavelength850 nmSmart Supplement LightYesVideoVideoVideo50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video Bit Rate32 Kbps to 8 MbpsL255 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265Audio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio Shit Rate64 kbps (G.711/G.722.1/G.726/MP212/PCM/MP3/AAC-LCAudio TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsUp to 32 users	Shutter Time	1 s to 1/100,000 s		
Focal Length & FOV2.8 mm, horizontal FOV 103.6°, vertical FOV 57.2°, diagonal FOV 121.6° 4 mm, horizontal FOV 81.1°, vertical FOV 48.6°, diagonal FOV 90.6°ApertureF1.6Lens MountM12DORI2.8 mm: D: 63.6 m, O: 25.2 m, R: 12.7 m, I: 6.4 m 4 mm: D: 66.0 m, O: 26.2 m, R: 13.2 m, I: 6.6 mIluminatorIluminatorSupplement Light TypeIRSupplement Light RangeUp to 15 mIR Wavelength850 nmSmart Supplement Light VyeYesVideoVideoVideoVideoVideo CompressionMain stream: H.255Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR.VBRScalable Video Cding (SVC)MesAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio Sampling Rate6 kbps (G.711/G.722.1/G.726/MP212/PCM/MP3/AAC-LCAudio Sit RateUp to 6 channelsAudio Sit RateUp to 6 channelsAudio Sit RateUp to 6 channelsAprince Sit Profile, Profile, Sp. Profile, Sp. Profile, Sp.	Day & Night	IR cut filter		
Focal Length & FOV4 mm, horizontal FOV 81.1*, vertical FOV 48.6*, diagonal FOV 90.6*ApertureF1.6Lens MountM12DORI2.8 mm: D: 63.6 m, O: 25.2 m, R: 12.7 m, I: 6.4 m 4 mm: D: 66.0 m, O: 26.2 m, R: 13.2 m, I: 6.6 mIlluminatorSupplement Light TypeIRSupplement Light TypeUp to 15 mIR Wavelength850 nmSmart Supplement Light QYesVideoVideoVideo CompressionMain stream: H.265Video StrapeBaseline Profile, Main ProfileVideo Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile, Main Profile, Main ProfileBit Rate ControlCBR, VBRScalabel Video CompressionKaits 12.6 km/20.2 km	Lens			
A mm, horizontal FOV 81.1°, vertical FOV 48.6°, diagonal FOV 90.6° Aperture F1.6 Lens Mount M12 DORI 2.8 mm: D: 63.6 m, 0: 25.2 m, R: 12.7 m, I: 6.4 m 4 mm: D: 66.0 m, 0: 26.2 m, R: 13.2 m, I: 6.6 m Huminator Supplement Light Type IR Supplement Light Type Up to 15 m Internation Wavelength 850 nm State Control State Control Main Stream 60 H2: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) State Control State Control Video Main stream: H.265 State Control State Control State Control State Control Video Compression Main stream: H.265 H.265 H.265 H.265 Video Cotrol CBR-VBR State Control CBR-VBR State Control CBR-VBR Scalable Video Coding (SVC) H.265 H.265 H.265 H.265 Vidio Gompression Main stream: State Control CBR-VBR Scalable Video Coding (SVC) H.265 H.265 H.265 Audio Sampling Rate 8 HH/16 KH2/32 KH2/48 KH2 Audio	Facel Longth & FOV	2.8 mm, horizontal FOV 103.6°, vertical FOV 57.2°, diagonal FOV 121.6°		
Lens MountM12DORI2.8 mm: D: 63.6 m, O: 25.2 m, R: 12.7 m, I: 6.4 m 4 mm: D: 66.0 m, O: 26.2 m, R: 13.2 m, I: 6.6 mHiuminatorSupplement Light TypeIRSupplement Light TypeIRSupplement Light RangeUp to 15 mIR Wavelength850 nmSmart Supplement LightYesVideoVideoVideoUp to 15 mMain Stream50 H2: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 H2: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H. 265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRCalable Video Coding (SVC)H.265Audio Sampling Rate8 Hz/16 KH2/32 KH2/48 KH2Audio Sampling Rate8 Hz/16 KH2/32 KH2/48 KH2Audio Sampling Rate8 Hz/15 (MP32)/F0 (MP3)/16 to 64 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP212)/8 to 320 Kbps (MP3)/16 to 64 Kbps (A.C-LC)Audio TypeVideo SamoundRetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsUp to 32 users	Focal Length & FOV	4 mm, horizontal FOV 81.1°, vertical FOV 48.6°, diagonal FOV 90.6°		
DORIDORI2.8 mm: D: 63.6 m, O: 25.2 m, R: 12.7 m, I: 6.4 m 4 mm: D: 66.0 m, O: 26.2 m, R: 13.2 m, I: 6.6 mHIuminatorSupplement Light TypeIRSupplement Light RangeUp to 15 mIR Wavelength850 nmSmart Supplement LightYesVideoVideoVideo CompressionMain stream: H.265Video Bit Rate32 Kbps to 8 MbpsL265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265Audio Sampling Rate8 KH2/16 KH2/32 kH2/48 KH2Audio Sampling Rate8 KH2/16 KH2/32 LH2/48 KH2Audio Sit Rate0.7111/as/2.1/6.722.1/J.11alaw/J.15 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP212)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)Audio TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsUp to 32 users	Aperture	F1.6		
DORI2.8 mm: D: 63.6 m, O: 25.2 m, R: 12.7 m, I: 6.4 m 4 mm: D: 66.0 m, O: 26.2 m, R: 13.2 m, I: 6.6 mHluminatorSupplement Light TypeIRSupplement Light RangeUp to 15 mIR Wavelength850 nmSmart Supplement LightVoVideoVideoVideo50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H.265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265Audio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP212/PCM/MP3/AAC-LCAudio Bit Rate64 kbps (G.711ulaw/G.711alaw)/16 kbps (G.721.1)/16 kbps (G.726/J32 to 192 kbps (MP212)/8 to 320 kbps (MP3)/16 to 64 kbps (AAC-LC)Audio Bit RateUp to 6 channelsNetworkTCP/IP, IPv6, DDMS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsProtocolsUp to 32 users	Lens Mount	M12		
DORI4 mm: D: 66.0 m, O: 26.2 m, R: 13.2 m, I: 6.6 mHiuminatorSupplement Light TypeIRSupplement Light RangeUp to 15 mIR Wavelength850 nmSmart Supplement LightYesVideo50 H2: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 H2: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 H2: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H.265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalabe Video Coding (SVC)H.265Audio Sampling Rate8 KHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Sampling Rate8 KHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP3L2/PCM/MP3/AAC-LCAudio Sit Rate0 kbps (G.711ulaw/G.711alaw)/16 kbps (G.722.1)/16 Kbps (G.726/3/2 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/15 to 64 Kbps (AAC-LC)Audio TypeVono soundNetworkTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsViesocketsVieto 32 users	DORI			
IlluminatorSupplement Light TypeIRSupplement Light RangeUp to 15 mIR Wavelength850 nmSmart Supplement LightYesVideoVideoMain Stream50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H.265Video Eit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)B.KVBRAudioVideo CompressionAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio Bit Rate67.11/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Sampling Rate64 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 TypeUp to 6 channelsProtocolsCP/IP, IPv6, DDNS, RTSP, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUp to 32 usersVideo Sure S	DODI	2.8 mm: D: 63.6 m, O: 25.2 m, R: 12.7 m, I: 6.4 m		
Supplement Light TypeIRSupplement Light RangeUp to 15 mIR Wavelength850 nmSmart Supplement LightYesVideoMain Stream50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H. 265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioEnvironment Noise FilteringYesAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1/J.16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)Audio TypeUp to 6 channelsNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsUp to 32 users	DORI	4 mm: D: 66.0 m, O: 26.2 m, R: 13.2 m, I: 6.6 m		
Initial ControlUp to 15 mIR Wavelength850 nmSmart Supplement LightYesVideo50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H.265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioEnvironment Noise FilteringYesScalable Video Coding (SVC)Audio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio GompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio TypeMono soundAudio TypeUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsUp to 32 usersUser/HostUp to 32 users	Illuminator			
IR Wavelength850 nmSmart Supplement LightYesVideo50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Main Stream50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H.265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioEnvironment Noise FilteringYesScalable Xideo Coding (SVC)Audio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio GompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate(MP2L2)/8 to 320 kbps (MP3)/16 to 64 kbps (G.726.)/32 to 192 kbps (MP2L2)/8 to 320 kbps (MP3)/16 to 64 kbps (AAC-LC)Audio TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPV6, DDNS, RTSP, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Supplement Light Type	IR		
Smart Supplement LightYesVideoMain Stream50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H.265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioEnvironment Noise FilteringYesScalable Video Coding (SVC)Audio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Supplement Light Range	Up to 15 m		
VideoMain Stream50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H.265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioEnvironment Noise FilteringYes8 kHz/16 kHz/32 kHz/48 kHzAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio GompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUp to 32 usersUp to 32 users	IR Wavelength	850 nm		
Main Stream50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H.265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioL265Environment Noise FilteringYesAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsUp to 32 usersUser/HostUp to 32 users	Smart Supplement Light	Yes		
Main Stream60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H.265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioH.265Environment Noise FilteringYesAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.726.1/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)Audio TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPV6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Video			
60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)Video CompressionMain stream: H.265Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioH.265Environment Noise FilteringYesAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate8 kHz/16 kHz/32 kHz/48 kHzAudio OxpressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio TypeMono soundNetworkUP2L2//8 to 320 kbps (MP3)/16 to 64 Kbps (AAC-LC)Audio TypeUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Main Stroom	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)		
Video Bit Rate32 Kbps to 8 MbpsH.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioEnvironment Noise FilteringYesAudio Sampling RateA k kHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsUp to 32 usersUp to 32 usersUp to 32 users		60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)		
H.265 TypeBaseline Profile,Main Profile,High ProfileBit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioEnvironment Noise FilteringYesAudio Sampling RateAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsUp to 32 usersUser/HostUp to 32 users	Video Compression	Main stream: H.265		
Bit Rate ControlCBR,VBRScalable Video Coding (SVC)H.265AudioEnvironment Noise FilteringYesAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsUp to 32 usersUser/HostUp to 32 users	Video Bit Rate	32 Kbps to 8 Mbps		
Scalable Video Coding (SVC)H.265AudioEnvironment Noise FilteringYesAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Н.265 Туре	Baseline Profile, Main Profile, High Profile		
AudioEnvironment Noise FilteringYesAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Bit Rate Control	CBR,VBR		
Environment Noise FilteringYesAudio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkVSimultaneous Live ViewUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUp to 32 usersUp to 32 users	Scalable Video Coding (SVC)	H.265		
Audio Sampling Rate8 kHz/16 kHz/32 kHz/48 kHzAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkSimultaneous Live ViewUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Audio			
Audio CompressionG.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LCAudio Bit Rate64 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 TypeMono soundNetworkVSimultaneous Live ViewUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Environment Noise Filtering	Yes		
Audio Bit Rate64 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 TypeMono soundNetworkUp to 6 channelsSimultaneous Live ViewUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz		
Audio Bit Rate(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)Audio TypeMono soundNetworkUp to 6 channelsSimultaneous Live ViewUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC		
(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)Audio TypeMono soundNetworkSimultaneous Live ViewUp to 6 channelsAPIOpen Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUPProtocolsTCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSocketsUser/HostUp to 32 users	Audio Pit Pato	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps		
Network Simultaneous Live View Up to 6 channels API Open Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUP Protocols TCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSockets User/Host Up to 32 users	AUGO BIL RALE	(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)		
Simultaneous Live View Up to 6 channels API Open Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUP Protocols TCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSockets User/Host Up to 32 users	Audio Type	Mono sound		
API Open Network Video Interface (Profile S, Profile G),ISAPI,SDK,ISUP Protocols TCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSockets User/Host Up to 32 users	Network			
Protocols TCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSockets User/Host Up to 32 users	Simultaneous Live View	Up to 6 channels		
Protocols WebSockets User/Host Up to 32 users	API	Open Network Video Interface (Profile S, Profile G), ISAPI, SDK, ISUP		
WebSockets User/Host Up to 32 users	Protocols	TCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket,		
User/Host		WebSockets		
3 user levels: administrator, operator, and user	llser/Host	Up to 32 users		
		3 user levels: administrator, operator, and user		



	Auto Network Replenishment (ANR),
Network Storage	Together with high-end Hikvision memory card, memory card encryption and health
J	detection are supported.
Client	iVMS-4200,Hik-Connect
	Plug-in required live view: IE 10, IE 11,
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+,
	Local service: Chrome 57.0+, Firefox 52.0+, Safari 13+, Edge 89+
Mobile Communication	
	4G model:
	LTE-TDD Band 38/40/41
	LTE-FDD Band 1/3/5/7/8/20/28
	WCDMA Band 1/5/8
	GSM 850/900/1800MHz
Frequency	4G LA model:
	LTE-TDD Band 38/40
	LTE-FDD Band 1/2/3/4/5/7/8/28/66
	WCDMA Band 1/2/3/4/5/8
	GSM 850/900/1800/1900MHz
Standard	LTE-TDD/LTE-FDD/WCDMA/GSM
Image	
Day/Night Switch	Day,Night,Auto,Schedule
Wide Dynamic Range (WDR)	120 dB
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format.
Image Enhancement	BLC,HLC,Defog,3D DNR
Image Parameters Switch	Yes
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance, adjustable by client software or web browser
SNR	≥ 52 dB
Transducer	
Transducer Type	PIR
Detection Range	Up to 15 m
Detection Angle	2.8 mm: Horizontal: 90° ± 5°, vertical: 25° ± 5°; 4 mm: Horizontal: 50° ± 5°, vertical: 20° ± 5°
Satellite Positioning	
Satellite Positioning Detection	Support GPS and searching longitude and latitude of the device
Interface	
Built-in Microphone	1 built-in microphone
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Ethernet Interface	1 six-core 1.25 mm interface (it can be transferred as 1 12 VDC coaxial interface and 1
	RJ 45 10 m/100 m self-adaptive Ethernet port)
Reset Key	Yes,
	Press to switch between performance mode and proactive mode. Hold the button for
	10 sec to restore to defaults.
Event	
Basic Event	Exception,PIR Alarm



•

Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger	
· U -	recording	
General		
Power	6 to 15 VDC, 1.03 to 0.73 A, max. 6.2 W	
General Function	Heartbeat, one-key reset, anti-banding, password protection, watermark, IP address	
	filter	
Material	Plastic	
Dimension	With antennas folded: 172.8 mm × 139.7 mm × 86.7 mm (6.8" × 5.5" × 3.4"), with	
	antennas extending: 283.3 mm × 139.7 mm × 86.7 mm (11.2" × 5.5" × 3.4")	
	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian,	
	Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish,	
Language	Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese,	
	Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian	
Package Dimension	260 mm × 217 mm × 241 mm (10.2" × 8.5" × 9.5")	
Weight	Approx. 0.63 kg (1.39 lb.)	
With Package Weight	C1: approx. 1.588 kg (3.5 lb.), C2: approx. 1.848 kg (4.07 lb.)	
Storage Conditions	-20 °C to 60 °C (-4 °F to 140 °F). Humidity 95% or less (non-condensing)	
Startup and Operating	20° C to $C0^{\circ}$ C (4° C to 140° C) (humidity 00° or loss (non-condensing)	
Conditions	-20 °C to 60 °C (-4 °F to 140 °F). Humidity 95% or less (non-condensing)	
Battery		
Battery Type	Chargeable lithium battery or 5AA dry cell	
Capacity	9.4 Ah	
	Rated voltage: 7.2 VDC	
Battery Voltage	Charging voltage: 8.4 VDC	
	Discharging cut-off voltage: 5.6 VDC	
Operating Temperature	-20 °C to 60°C (-4 °F to 140 °F)	
	Cycle lifetime is calculated under the condition that the camera captures pictures 10	
	times per day (9 times during the day and 1 time at night), uploads once per day, and	
Cycle Lifetime	keeps alive for 3 hours per day with the ambient temperature at 25 °C (77 °F).	
	Cycle lifetime: 125 days	
	Make sure the battery is fully charged before using the device.	
Approval		
RF	CE-RED: EN 301489-1 V2.2.3, EN 301489-17 V3.2.4, EN 301489-52 V1.2.1, EN 300 328	
ΝΓ	V2.2.2, EN IEC 62311:2020	
EMC	CE-EMC: EN 55032:2015+A11:2020+A1:2020,EN 50130-4:2011+A1:2014,	
	RCM: AS/NZS CISPR 32: 2015	
Safety	CB: IEC 62368-1: 2014+A11	
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.

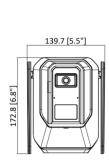


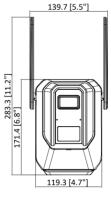
Level	Description
	Hikvision products at this level are equipped for use in areas where professional
Top-level protection	anti-corrosion protection is a must. Typical application scenarios include coastlines,
	docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are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

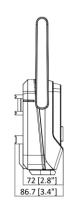
Available Model

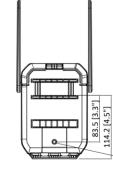
DS-2XS6F45G1-IC1/4G(2.8mm)(LA) DS-2XS6F45G1-IC1/4G(2.8mm) DS-2XS6F45G1-IC1/4G(4mm) DS-2XS6F45G1-IC1/4G(4mm)(LA) DS-2XS6F45G1-IC2/4G(2.8mm) DS-2XS6F45G1-IC2/4G(4mm)

Dimension









1/4-20UNC,Depth 7.5

Unit: mm(inch)

Camera Mounting Hole	Camera Mounting Hole
(mm)	(inch)
1/4-20UNC	1/4-20UNC

