

DS-27
4 MP S

DarkFighter

ColorVu



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.

- 24/7 colorful imaging via ColorVu technology
- IR light, White light, Smart Hybrid Light modes
- Clear imaging against strong back light due to 130 dB WDR technology
- -SU models: Clear two-way audio with arrayed dual-microphone
- Water and dust resistant (IP68) and vandal resistant (IK10)
- -S and -SU models: Audio and alarm interface available
- Anti-corrosion polymer enclosure, protecting cameras to be used in corrosive environments, providing reliability and longevity compared to standard cameras

■ Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 1440
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 90°, tilt: 0° to 360°, rotate: 0° to 360°
Lens	
Lens Type	Varifocal lens, motorized lens, 2.7 to 13.5 mm and 7 to 35 mm optional
Focal Length & FOV	2.7 to 13.5 mm, horizontal FOV 107.4 to 39.8°, vertical FOV 56° to 22.4°, diagonal FOV 130.1° to 45.7° 7 to 35 mm □ horizontal FOV 40.3 to 14.5°, vertical FOV 22.1° to 8.2°, diagonal FOV 46.9° to 16.5°
Focus	Auto, Semi-auto, Manual
Iris Type	DC iris
Aperture	2.7 to 13.5 mm: max F1.2, 7 to 35 mm: max F1.7
Depth of Field	1 m to ∞
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DORI	2.7 to 13.5 mm: Wide: D: 61.5 m, O: 24.4 m, R: 12.3 m, I: 6.2 m Tele: D: 151.7 m, O: 60.2 m, R: 30.3 m, I: 15.1 m 7 to 35 mm: Wide: D: 150.3 m, O: 59.7 m, R: 30.1 m, I: 15.0 m Tele: D: 400.0 m, O: 158.7 m, R: 80.0 m, I: 40.0 m
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	Up to 50 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
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: 10 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) *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

Target Cropping	Yes
Audio	
Audio Compression	-U: G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	-U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/48 kHz
Environment Noise Filtering	-U: 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 20 channels
API	ONVIF (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 free live view: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+, Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+
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,Alarm Trigger
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
Built-in Microphone	-U: Yes,1 built-in microphone
Audio	-S: 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium -S: 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	-S: 1 input, 1 output (max. 12 VDC, 0.1 A)
RS-485	-S: 1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset Key	Yes
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, HDD full, HDD error)
Smart Event	unattended baggage detection,object removal detection,scene change detection,audio exception detection,defocus detection

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Top-level protection

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■ Available Model

DS-2XC3646G0H-LIZS(PA)(2.7-13.5mm)

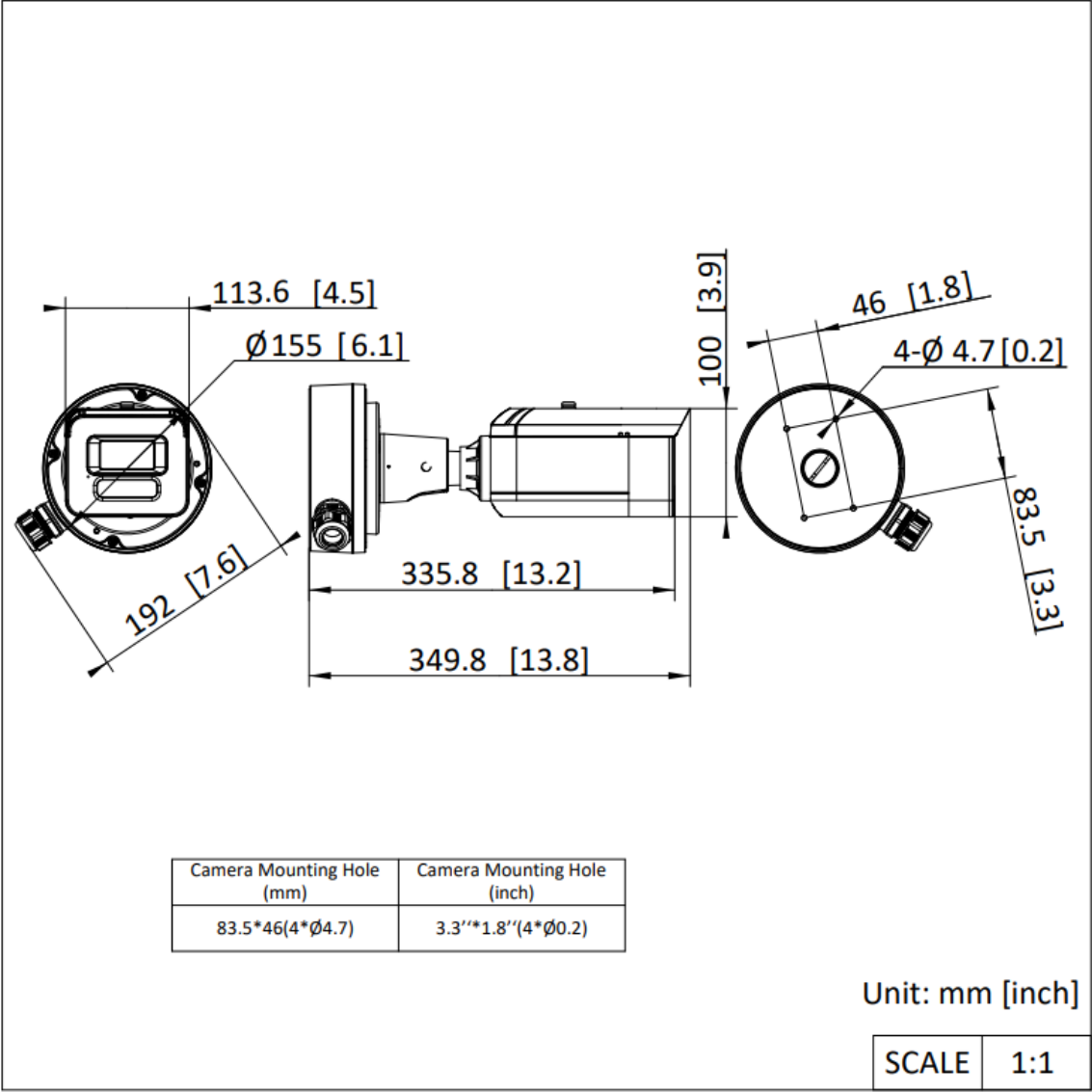
DS-2XC3646G0H-LIZS(PA)(7-35mm)

DS-2XC3646G0H-LIZSU(PA)(2.7-13.5mm)O-STD

DS-2XC3646G0H-LIZSU(PA)(7-35mm)

DS-2XC3646G0H-LIZSU(PA)(2.7-13.5mm)O-NEU
 DS-2XC3646G0H-LIZ(PA)(7-35mm)
 DS-2XC3646G0H-LIZ(PA)(2.7-13.5mm)

■ Dimension

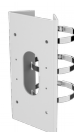


■ Accessory

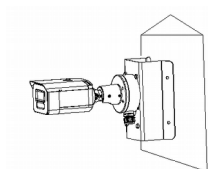
■ Included



■ Optional

DS-1476ZJ-Y**DS-1475ZJ-Y**

■ Installation Methods

**Corner Mounting
DS-1476ZJ-Y****Horizontal Pole
Mounting
DS-1475ZJ-Y**