

DS-2CD2746G1-IZ(S) AcuSense 4 MP IR Varifocal Dome Network Camera



Key Features

- Max. 2688 × 1520 @ 30fps
- H.265, H.264
- 120dB WDR
- Color: 0.007 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.4, AGC ON), 0 Lux with IR
- False alarm reduction by human and vehicle target classification based on deep learning
- 12 VDC & PoE (802.3af, class 3)
- IR range: Up to 30 m
- Support on-board storage, up to 128 GB
- IP67, IK10
- BLC/3D DNR/ROI



Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.007 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
Wide Dynamic Range	120dB
3-Axis Adjustment (with bracket)	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Focal length	2.8 mm to 12 mm
Aperture	F1.4
Focus	Auto
FOV	Horizontal FOV: 101° to 29°, vertical FOV: 54° to 16°, diagonal FOV: 121° to 34°
Lens Mount	Ø14
IR	
IR Range	Up to 30 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.
ROI (Region of Interest)	Support 1 fixed region for main stream and sub stream separately
Image	
Max. Resolution	2688 × 1520
Main Stream	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC/3D DNR
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In(-S)
Audio (-S)	
Environment Noise Filtering	Yes
Sampling Rate	8kHz/16kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM

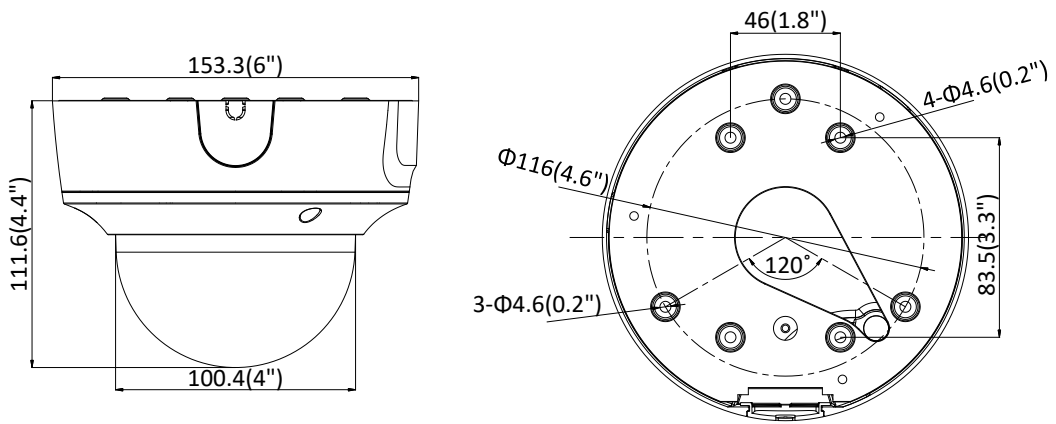
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2)
Network	
Network Storage	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering
Firmware Version	V5.5.63
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500
Web Browser	Plug-in required live view: IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ Plug-in free live view: Chrome 45.0+, Firefox 52.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
SVC	H.265 encoding and H.264 encoding support
Reset Button	Yes
Audio (-S)	1 audio input (line in), 1 audio output (line out), mono sound
Alarm (-S)	1 alarm input, 1 alarm output
General	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.9 A, max. 11 W PoE: (802.3af, 36 VDC to 57 VDC), 0.4 A to 0.2 A, max. 12.9 W
Protection Level	IK10, IP67 (If the camera is installed outdoor, the bracket DS-1253ZJ-L should be used together with other pendant mounting bracket or wall mounting bracket to reduce IR reflective in the rainy day)
Material	Front cover: metal, bottom base: metal, bubble: plastic
Dimensions	Camera: Φ 153.3 × 111.6 mm (Φ 6" × 4.4")
Weight	Camera: 890 g (2 lb.) With package: 1300 g (2.9 lb.)

Available Model

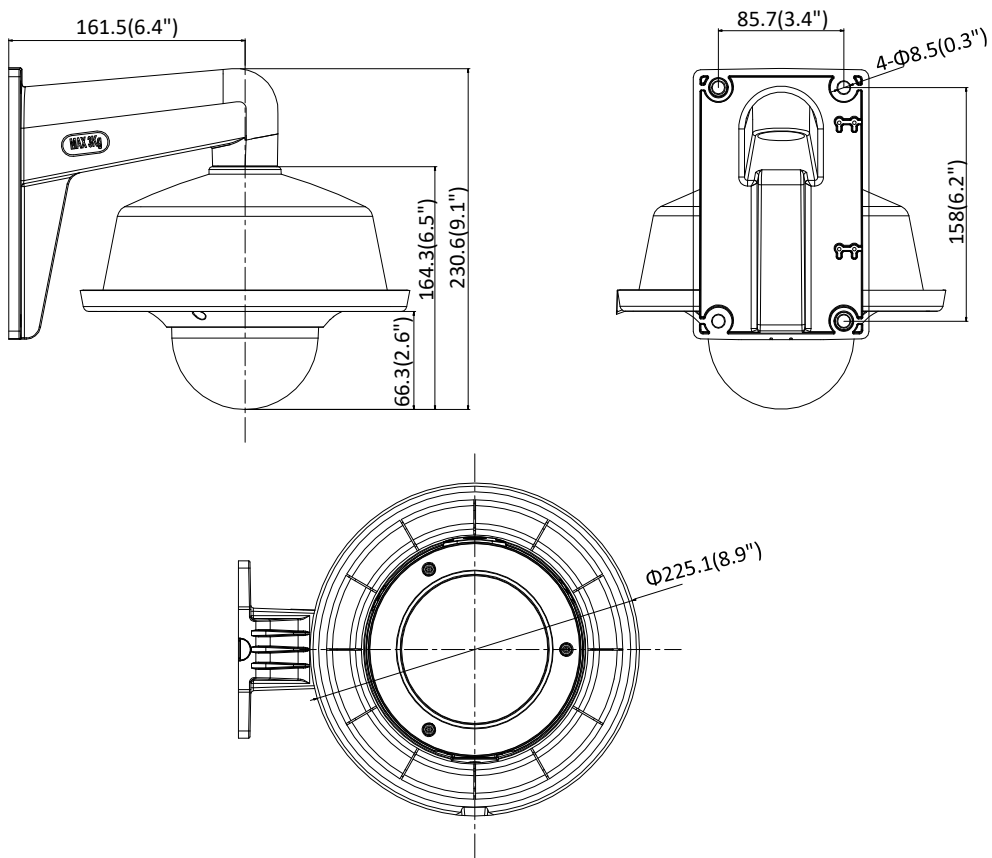
DS-2CD2746G1-IZ (2.8 mm to 12 mm), DS-2CD2746G1-IZS (2.8 mm to 12 mm)

Dimension

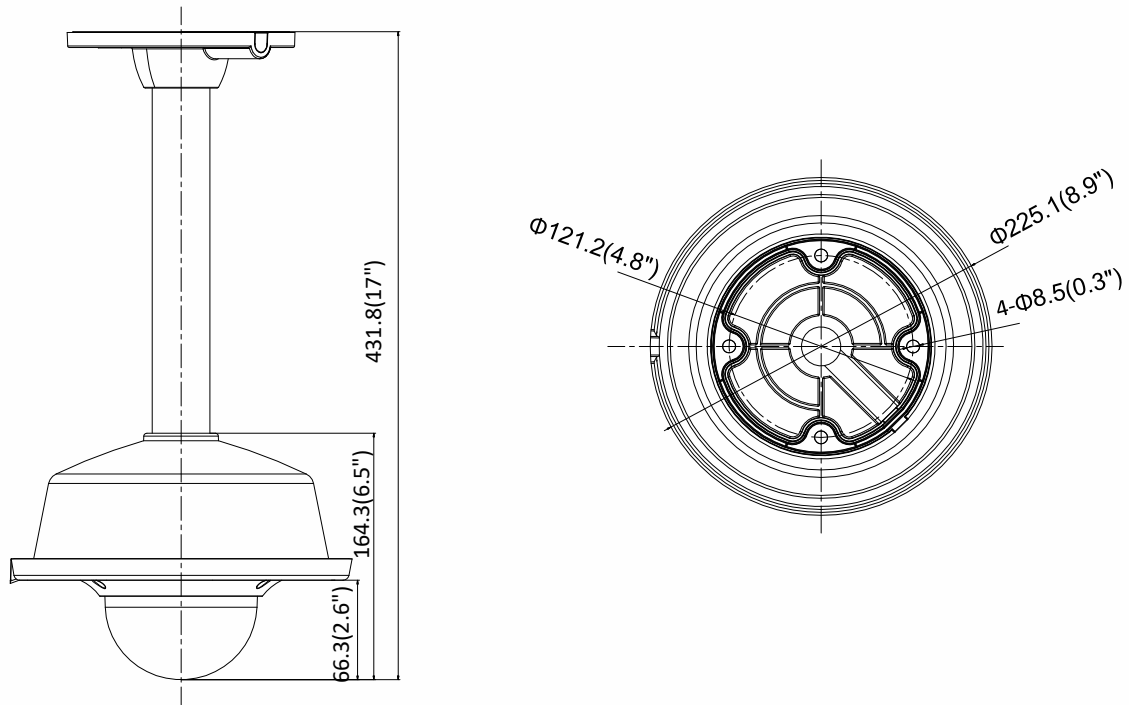
Camera:



Wall Mounting with the Bracket (DS-1473ZJ-155 and DS-1253ZJ-L):

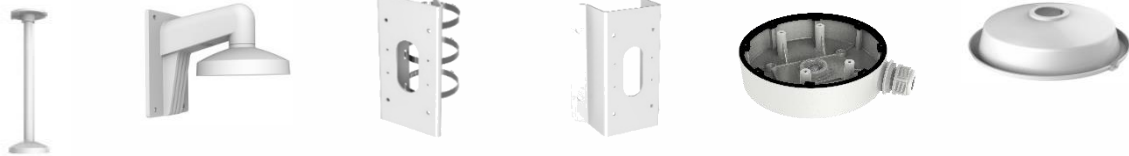


Pendant Mounting with the Bracket (DS-1471ZJ-155 and DS-1253ZJ-L):



Unit: mm(inch)

Accessory



Distributed by

DS-1471ZJ-155
Pendant Mount

DS-1473ZJ-155
Wall Mount

DS-1475ZJ-SUS
Vertical Pole Mount

DS-1476ZJ-SUS
Corner Mount

DS-1280ZJ-DM55
Junction Box

DS-1253ZJ-L
Rain Shade

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