

## DS-2CD2746G1-IZS

### 4 MP Outdoor AcuSense Varifocal Dome Camera



- 1/2.7" (4 MP) Progressive Scan CMOS
- 2688 × 1520 Resolution @ 30 fps
- EXIR 2.0 Range Up to 100 ft (30 m)
- 2.8 to 12 mm Motorized Varifocal Lens
- H.265+, H.265, H.264+, H.264
- 120dB True WDR
- MicroSD Card Slot Supports 128 GB
- IP67, IK10 Protection
- Durable Metal Housing
- 12 VDC and PoE (802.3af)

The Hikvision DS-2CD2746G1-IZS Outdoor AcuSense Varifocal Dome Camera provides high definition network output. It supports H.265+ video compression, which assures savings in bandwidth and storage.

The camera is equipped with a 2.8 to 12 mm motorized varifocal lens, and offers an IR range of up to 100 ft (30 m).

Smart features, such as line crossing and intrusion detection are supported. False alarm reduction by human and vehicle target classification based on a deep-learning algorithm is a key feature of this product line.






**Available models:**  
DS-2CD2746G1-IZS



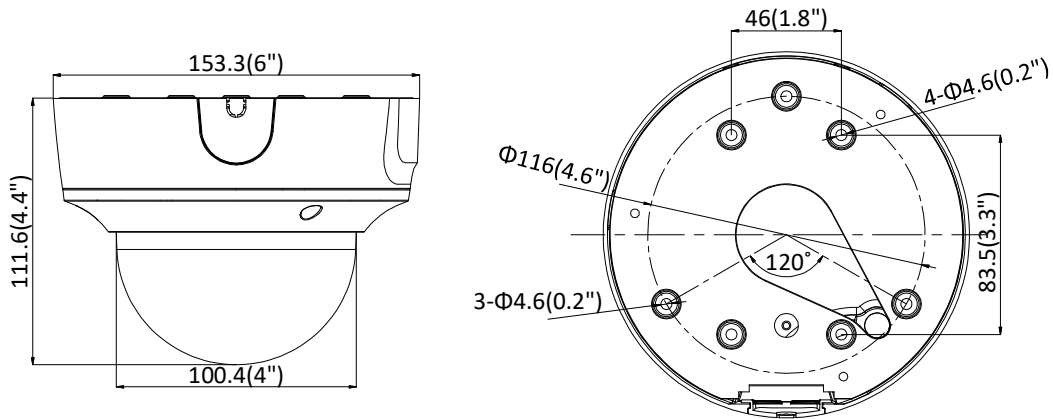
# Specifications

<b>DS-2CD2746G1-I2S</b>	
<b>Camera</b>	
Image Sensor	1/2.7" Progressive Scan CMOS
Minimum Illumination	Color: 0.01 lux @ (f/1.4, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day/Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
<b>Lens</b>	
Focal Length	2.8 to 12 mm motorized varifocal lens
Aperture	f/1.4
Focus	Auto
FOV	Horizontal FOV: 101° to 29°, vertical FOV: 54° to 16°, diagonal FOV: 121° to 34°
Lens Mount	Ø14
<b>IR</b>	
IR Range	Up to 100 ft (30 m)
Wavelength	850 nm
<b>Compression Standard</b>	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, sub-stream: H.265+/H.265/H.264+/H.264/MJPEG, third stream: H.265+/H.265/H.264+/H.264
H.264 Type	Main profile/high profile
H.264+	Main stream supported
H.265 Type	Main profile
H.265+	Main stream supported
Video Bit Rate	32 Kbps to 16 Mbps
<b>Smart Features</b>	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exit detection, and false alarm reduction by human and vehicle target classification based on deep-learning algorithm. <b>NOTE:</b> Some Smart VCA functions (line crossing detection, intrusion detection, region entrance/exiting detection) are not supported when H.265+, third stream, or motion detection is enabled.
Region of Interest	One fixed region for main stream and sub-stream
<b>Image</b>	
Maximum Resolution	2688 × 1520
Main Stream	30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub Stream	30 fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC/3D DNR
Image Setting	Saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Day/Night Switching	Day/night/auto/schedule/triggered by alarm in
<b>Audio</b>	
Environment Noise Filtering	Yes
Sampling Rate	8 kHz/16 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64 kbps (G.711)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 160 kbps (MP2L2)
<b>Network</b>	
Network Storage	MicroSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Video 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, 5 streams and up to 5 custom streams, heartbeat, password protection, privacy mask, watermark, and IP address filtering
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, 3 user levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 8+, Chrome 41.0 to 44, Firefox 30.0 to 51, Safari 8.0 to 11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+
<b>Interface</b>	
Audio	1 input (line in), 1 output (line out), mono sound
Communication Interface	One RJ45 10M/100M self-adaptive Ethernet port
Alarm	1 input, 1 output
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes
<b>General</b>	
Operating Conditions	-22° F to 140° F (-30° C to 60° C); humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug, PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.9 A, maximum 11 W, PoE (802.3af, 42.5 V to 57 V), 0.4 A to 0.2 A, maximum 12.9 W
Protection Level	IP67, IK10
Material	Front and base: metal, bubble: plastic
Dimensions	Ø 6.0" x 4.4" (Ø 153.3 mm x 111.6 mm)
Weight	2.0 lbs (0.89 kg)

# Accessories

				
<b>CPM + PC155</b> Ceiling Pendant Mount + 155 mm Pendant Cap	<b>WML + PC155</b> Wall Mount Long + 155 mm Pendant Cap	<b>PM</b> Pole Mount	<b>CM</b> Corner Mount	<b>SRSL</b> Sun Rain Shield

# Dimensions



Units: mm (inch)