

## DS-2CD5546G0-IZHSx

### 4 MP Outdoor Varifocal Network Dome Camera



#### DarkFighter.

The Hikvision DS-2CD5546G0-IZHSx Outdoor Varifocal Network Dome Camera provides high definition output. It supports H.265+ video compression, which assures savings in bandwidth and storage. Darkfighter technology allows for viewing and recording in ultra low-light conditions.

#### LightFighter.

- 1/1.8" (4 MP) Progressive Scan CMOS
- 2560 x 1440 Resolution @ 30 fps
- EXIR 2.0 with up to 100 ft (30 m) or 165 ft (50 m) IR Range
- New Anti-IR Reflection Capsule
- 2.8 to 12 mm or 8 to 32 mm Motorized Varifocal Lens Options
- Ultra-Low Light, 0.002 Lux (with f/1.2 Lens), Darkfighter Technology
- H.265+, H.265, H.264+, H.264
- 5 Defined Streams and 5 Custom Streams
- 140dB WDR, Lightfighter Technology
- Alarm and Audio Input/Output
- 12 VDC Accessory Output
- MicroSD Card Slot Supports 256 GB
- Anti-Fog Coating on Inside of Lens Cover
- IP67, IK10 Protection
- 12 VDC and PoE (802.3af)

With a WDR of 140 dB and Lightfighter technology, it provides superb image quality.

The camera can be equipped with a 2.8 to 12 mm or 8 to 32 mm motorized varifocal lens, and offers an EXIR 2.0 IR range of up to 100 ft (30 m) or 165 ft (50 m).

Smart features, such as line crossing, intrusion, scene change detection, and face detection are also supported.

#### Available models:

DS-2CD5546G0-IZHS  
DS-2CD5546G0-IZHS8



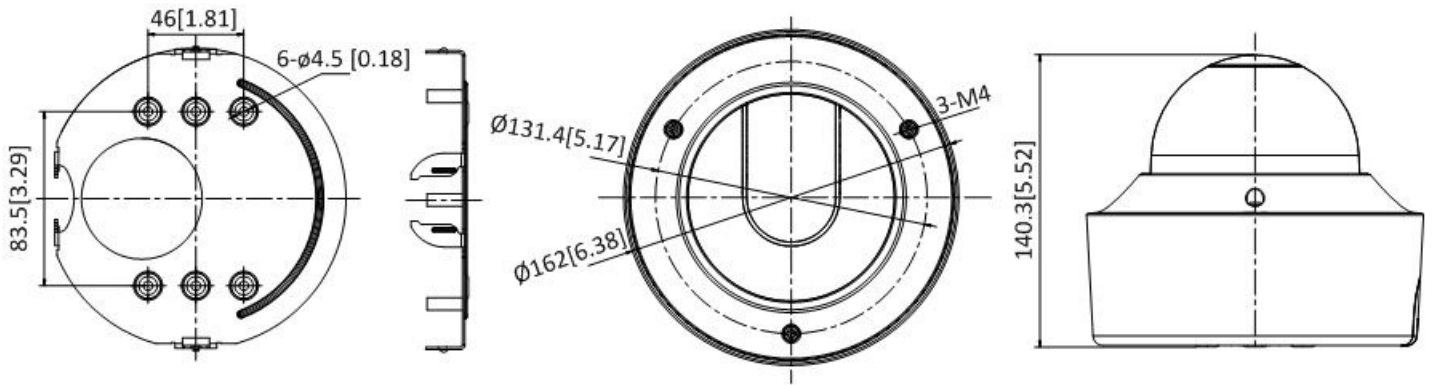
# Specifications

DS-2CD554660-IZHS		DS-2CD554660-IZHS8	
<b>Camera</b>			
Image Sensor	1/1.8" Progressive Scan CMOS		
Minimum Illumination	Color: 0.002 lux @ (f/1.2, AGC on), 0.005 lux @ (f/1.8, AGC on), 0 lux with IR		
Shutter Speed	1 s to 1/100,000 s		
Slow Shutter	Yes		
Day/Night	IR Cut Filter		
Digital Noise Reduction	3D DNR		
WDR	140 dB		
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	8 to 32 mm motorized varifocal lens	
Aperture	f/1.2	f/1.8	
Focus	Auto, semi-auto, manual		
FOV	2.8 to 12 mm, horizontal FOV 102° to 38°, vertical FOV 53.0° to 21.2°, diagonal FOV 122.2° to 45°	8 to 32 mm, horizontal FOV 37.7° to 15.2°, vertical FOV 21° to 8.6°, diagonal FOV 43.4° to 17.24°	
Lens Mount	Integrated		
<b>IR</b>			
IR Range	Up to 100 ft (30 m)	Up to 165 ft (50 m)	
Wavelength	850 nm		
<b>Compression Standard</b>			
Video Compression	Main stream: H.265+/H.265/H.264+/H.264; sub stream/third stream/fourth stream/fifth stream/custom stream: H.265+/H.265/H.264+/H.264/MJPE6		
H.264 Type	Baseline profile/main profile/high profile		
H.264+	Main stream		
H.265 Type	Main profile		
H.265+	Main stream		
Video Bit Rate	32 Kbps to 16 Mbps		
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 192 Kbps (MP2L2)/128 to 768 Kbps (PCM)		
<b>Smart Features</b>			
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection		
Exception Detection	Scene change detection, audio exception detection, defocus detection		
Statistics	Counting		
Face Detection	Yes		
Region of Interest	Main stream/sub stream/third stream/fourth stream/fifth stream: four fixed regions for each stream, and dynamic face tracking		
<b>Image</b>			
Maximum Resolution	2560 x 1440		
Main Stream	30 fps (2560 x 1440, 1920 x 1080, 1280 x 720)		
Sub Stream	30 fps (704 x 480, 640 x 480)		
Third Stream	30 fps (1920 x 1080, 1280 x 720, 704 x 480, 640 x 480)		
Fourth Stream	30 fps (1920 x 1080, 1280 x 720, 704 x 480, 640 x 480)		
Fifth Stream	30 fps (704 x 480, 640 x 480)		
Custom Stream	30 fps (1920 x 1080, 1280 x 720, 704 x 480, 640 x 480); up to five custom streams are supported		
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS		
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser		
Target Cropping	Yes		
SVC	H.264 and H.265 encoding		
Day/Night Switching	Day/night/auto/schedule/triggered by alarm in		
Picture Overlay	Logo picture can be overlaid on video with 128 x 128 24 bit bmp format		
<b>Network</b>			
Network Storage	MicroSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR		
Alarm Trigger	Motion detection, 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		
Security Measures	Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filtering, basic and digest authentication for HTTP/HTTPS, WSSE, and digest authentication for ONVIF		
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, SDK		
Simultaneous Live View	Up to 20 channels		
User/Host	Up to 32 users. 3 user levels: administrator, operator and user		
Client	iVMS-4200, Hik-Connect, Hik-Central		
Web Browser	IE8+, Mozilla Firefox 30.0+, Google Chrome 31.0+, Safari 8.0+		
<b>Interface</b>			
Audio	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono		
Communication Interface	1-port RJ45 10M/100M/1000M Ethernet port		
Alarm	1-ch input, 1-ch output (up to 24 VDC 1A or 110 VAC 500 mA)		
Video Output	1 Vp-p composite output (75 Ω/CVBS)		
Power Output	12 VDC, maximum of 200 mA (12 VDC, 24 VAC and PoE)		
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB		
Reset Button	Yes		
<b>Audio</b>			
Environment Noise Filtering	Yes		
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz		
<b>General</b>			
Operating Conditions	-40° F to 140° F (-40° C to 60° C); humidity 95% or less (non-condensing)		
Power Supply	12 VDC ± 20%, two-core terminal block; PoE (802.3at, class 4): 42.5 V to 57 V		
Power Consumption and Current	12 VDC ± 20%: 1.4 A, maximum 17 W, PoE (802.3at, class 3): 42.5 V to 57 V, 0.3 A to 0.4 A		
Protection Level	IP67, IK10		
Heater	Yes		
Material	Aluminum alloy		
Dimensions	Camera: Ø 6.4" x 5.5" (Ø 162 mm x 140.3 mm)		
Weight	Camera: 4.30 lbs (1.95 kg)		

## Accessories (Not Included)

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

## Dimensions



Unit: mm[inch]