

DS-2CD5146G0-IZS

4 MP Indoor VF Network Dome Camera

DarkFighter.



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) IR Range
- 2.8 to 12 mm Motorized Lens
- Ultra-Low Light, 0.002 Lux (with f/1.2 Lens), Darkfighter Technology
- H.265+, H.265, H.264+, H.264
- 140dB WDR, Lightfighter Technology
- Alarm/Audio Input/Output
- 12 VDC Accessory Output
- MicroSD Card Slot Supports 256 GB
- IK10 Protection
- Dome has Anti-Reflective Coating
- 12 VDC and PoE (802.3af)

The Hikvision DS-2CD5146G0-IZS Indoor VF 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.

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

The camera is equipped with a 2.8 to 12 mm motorized vari-focal lens, and offers an EXIR 2.0 IR range of up to 100 ft (30 m).

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

Available models:
DS-2CD5146G0-IZS



Specifications

DS-2CD514660-IZS

Camera

Image Sensor	1/1.8" Progressive Scan CMOS
Minimum Illumination	Color: 0.002 Lux @ (f/1.2, 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 360°

Lens

Focal Length	2.8 to 12 mm
Aperture	f/1.2
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°
Lens Mount	Integrated

IR

IR Range	Up to 100 ft (30 m)
Wavelength	850 nm

Compression Standard

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/MJPEG
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)

Smart Features

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

Image

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

Network

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+; plug-in free live view supported

Interface

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; 1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
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 200mA (supported by 12 VDC, 24 VAC and PoE)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB
BNC	CVBS analog output (4CIF resolution), internal
Reset Button	Yes









Audio

Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz

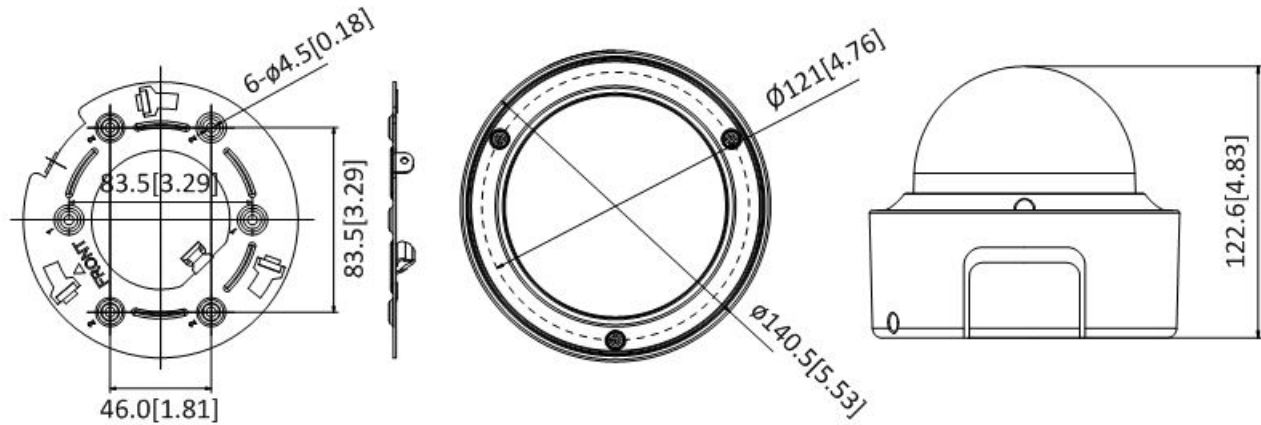
General

Operating Conditions	-22° F to 140° F (-30° C to 60° C); humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 20%, two-core terminal block; PoE (802.3at, class 4): 36 V to 57 V
Power Consumption and Current	12 VDC, 0.7 A, maximum 8 W; PoE (802.3at, 36 V to 57 V), 0.3 A to 0.2 A
Protection Level	IK10
Material	Aluminum alloy
Dimensions	Camera: Ø 5.5" x 4.8" (Ø 140.5 mm x 122.6 mm)
Weight	Camera: 1.98 lbs (0.9 kg)

Accessories

							
WML + PC130 Wall Mount Long + 130 mm Pendant Cap	WML + PC130B Wall Mount Long + 130 mm Pendant Cap (Black)	CPM + PC130 Ceiling Pendant Mount + 130 mm Pendant Cap	CPME Extension Pipe	PM Pole Mount	CM Corner Mount	RCM-1 Recessed Ceiling Mount	AB135 Angled Base

Dimensions



Unit: mm[inch]