

## DS-2CD7126G0-IZSx

### 2 MP Indoor Varifocal Network Dome Camera

# DarkFighter™



## LightFighter. DeepinView<sup>series</sup>

The Hikvision DS-2CD7126G0-IZSx DeepinView Indoor Varifocal Network Dome Camera includes deep learning technology for human, vehicle, and face detection. 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 mm to 12 mm or 8 mm to 32 mm motorized varifocal lens and offers an EXIR 2.0 IR range of 100 ft (30 m).

The camera also features smart features such as line crossing, intrusion, scene change detection, and other event detection capabilities.

### Available models:

DS-2CD7126G0-IZS

DS-2CD7126G0-IZS8

- 1/1.8" (2 MP) Progressive Scan CMOS
- 1080p Resolution @ 60 fps
- Human, Vehicle, and Face Detection
- EXIR 2.0 with 100 ft (30 m) IR Range
- 2.8 mm to 12 mm or 8 mm to 32 mm Motorized Varifocal Lens
- Ultra-Low Light, 0.002 Lux ( $f/1.2$  Lens), DarkFighter Technology
- H.265+, H.265, H.264+, H.264
- 140 dB 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)



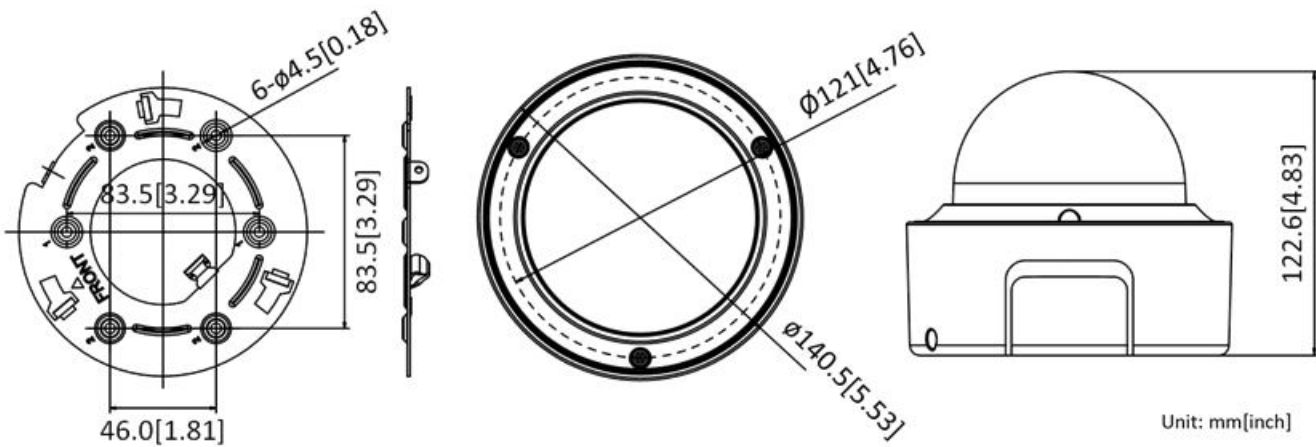
# Specifications

DS-2CD712660-IZS		DS-2CD712660-IZS8	
<b>Camera</b>			
Image Sensor	1/1.8" (2 MP) progressive scan CMOS		
Minimum Illumination	Color: 0.002 lux @ (f/1.2, AGC on), 0 Lux with IR		
Shutter Speed	1s 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 mm to 12 mm motorized varifocal lens	8 mm to 32 mm motorized varifocal lens	
Aperture	f/1.2	f/1.6	
Focus	Auto, semi-auto, manual		
FOV	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3°	8 mm to 32 mm, horizontal FOV 42.5° to 13.4°, vertical FOV 23.4° to 7.7°, diagonal FOV 49° to 15.3°	
Lens Mount	Integrated		
<b>IR</b>			
IR Range	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/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 supported		
H.265 Type	Main profile		
H.265+	Main stream supported		
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)		
<b>Smart-Feature Set</b>			
Human and Vehicle Detection	Line crossing, intrusion, region entrance, and region exiting. Supports alarm triggering by specified target types (human and vehicle). Filters out mistaken alarms caused by target types such as leaves, lights, animals, flags, etc.		
Event Detection	Unattended baggage detection, object removal detection, scene change detection, defocus detection, and audio exception detection		
Face Detection and Capture	Face detection performance: up to 30 faces per frame. Face capture alarm frequency: up to 21 times per second. Detectable face position: left and right swings from -65° to 65°, up and down tilts from -45° to 45°.		
Statistics	Counting		
Face Detection	Yes		
Region of Interest	Main stream/sub stream/third stream/fourth stream/fifth stream: four fixed regions and dynamic face tracking for each stream		
<b>Image</b>			
Maximum Resolution	1920 x 1080		
Main Stream	60 fps (1920 x 1080, 1280 x 960, 1280 x 720)		
Sub Stream	30 fps (704 x 480, 640 x 480)		
Third Stream	30 fps (1920 x 1080, 1280 x 960, 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 5 custom streams are supported		
Image Enhancement	BLC, HLC, defog, 3D DNR, 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 Switch	Day/night/auto/schedule/triggered by alarm in		
Picture Overlay	Logo picture can be overlaid on video with a 128 x 128 24-bit bmp format		
<b>Network</b>			
Network Storage	Supports microSD/SDHC/SDXC card (256 GB) local storage, NAS (NFS, SMB/CIFS), and 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, RTPC, 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 filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF		
General Function	One-key reset, anti-flicker, five streams and up to 5 custom streams, heartbeat, password protection, privacy mask, watermark, IP address filter		
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	Plug-in required for live view: IE 8-11, Chrome 41-44, Mozilla Firefox 30.0-51, Safari 8.0+ Plug-in free live view: Chrome 45+, Mozilla Firefox 52+		
<b>Interface</b>			
Audio	One-ch 3.5 mm input (line in), one-ch 3.5 mm output (line out), mono sound		
Communication Interface	One-port RJ-45 10M/100M/1000M Ethernet port; one RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)		
Alarm	One input, one output (up to 12 VDC 1A or 10 VAC 500 mA)		
Video Output	One Vp-p composite output (75 Ω/CVBS)		
Power Output	12 VDC, maximum 200 mA (supported by all power supplies)		
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB		
BNC	CVBS analog output (4CIF resolution), internal		
Reset Button	Yes		
<b>Audio</b>			
Environmental Noise Filtering	Yes		
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz		
<b>General</b>			
Operating Conditions	-22° to 140° F (-30° to 60° C), humidity: 95% or less (non-condensing)		
Power Supply	12 VDC ±20%, terminal block; PoE (802.3af, class 3)		
Power Consumption and Current	12 VDC ±20%, 0.8 A, maximum 12.5 W; PoE (802.3af, 36 V to 57 V), 0.3 A to 0.2 A		
Protection	IK10		
Material	Aluminum alloy		
Dimensions	Ø5.5" x 4.8" (Ø140.5 mm x 122.6 mm)		
Weight	Approximately 2.09 lbs (950 g)		

## Accessories (Not Included)

						
<b>WML</b> Wall Mount Long	<b>WMS</b> Wall Mount Short	<b>CPM</b> Ceiling Pendant Mount	<b>PC135</b> 135 mm Pendant Cap	<b>CPME</b> CPM Extension Pipe	<b>RCM-1</b> Recessed Ceiling Mount	<b>CM</b> Corner Mount
						
<b>RPM</b> Roof Parapet Mount	<b>CB135</b> Conduit Base	<b>SRS</b> Sun/Rain Shield	<b>SRSM</b> Sun/Rain Shield Medium	<b>SRSL</b> Sun/Rain Shield Large	<b>PM</b> Pole Mount	<b>AB135</b> 15° Angled Base

## Dimensions



## Box Contents (Subject to Change without Notice)

Mounting Plate (Stainless Steel)  
 Plastic Tool  
 Quick Start Guide  
 Screws  
 Wrench