HIKVISION

DS-2CD2125FHWD-I(S)
2 MP IR Fixed Network Dome Camera

H.265 | **smart 60FPS** | **WDR** | **IR** | | **IP67**

Key Features

- Up to 2.0 megapixel high resolution

- Max. 1920 × 1080 @60fps

- 2.8 mm/4 mm/6 mm/8 mm/12 mm fixed lens, optional

- Powered by Darkfighter

- H.265, H.265+, H.264+, H.264

- 120dB Wide Dynamic Range

- 3D Digital Noise Reduction

- 12 VDC & PoE (802.3af)

- IR range: up to 30 m

- Support on-board storage, up to 128 GB

- Audio I/O, Alarm I/O, optional

- IP67, IK10

- 3-axis adjustment

- Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR

  Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR

Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Focal length	2.8/4/6/8/12 mm
Focus	Fixed
FOV	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52° 8 mm, horizontal field of view: 41° 12 mm, horizontal field of view: 25°
Lens Mount	M12
Iris	F1.6
Day &Night	IR cut filter
DNR	3D DNR
Wide Dynamic Range	120dB
3-Axis Adjustment	Pan: 0° to 355° , tilt: 0° to 75°, rotate: 0° to 355°
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression (-S)	G.711/G.722.1/G.726/MP2L2/PCM/ MP3
Audio Bit Rate (-S)	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280×720, 640 × 360, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280×720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR/HLC
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance adjustable by client software or web browser
ROI (Region of Interest)	Support 1 fixed region for main stream and sub-stream separately
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In (-S)
Audio (-S)	

Environment Noise Filtering	Yes
Audio I/O	Yes, mono soundtrack
Sampling Rate	8kHz/16kHz/32kHz/44.1kHZ/48kHz

Network	
Network Storage	Support microSD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, WebSocket, WebSockets
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+

Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio (-S)	1 audio input (line in), 1 audio output interface, terminal block
Alarm (-S)	1 alarm input, 1 alarm output (max. 12 VDC, 30 mA), terminal block
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes

Smart Feature-set	
Smart Event	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, alarm output (-S), Email

General	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Web Client Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Power Supply	12 VDC ± 25%, 5 W PoE(802.3af, 36 V to 57 V, class 3), 6.5 W
IR Range	Up to 30 m
Protection Level	IP67, IK10
Material	Camera body: metal, bubble: plastic

Dimensions	Camera: Φ 111 × 82.4 mm (Φ 4.4" × 3.2") Package: 134 × 134 × 108 mm (5.27" × 5.27" × 4.25")
Weight	Camera: 500 g (1.1 lb.)

Available Model

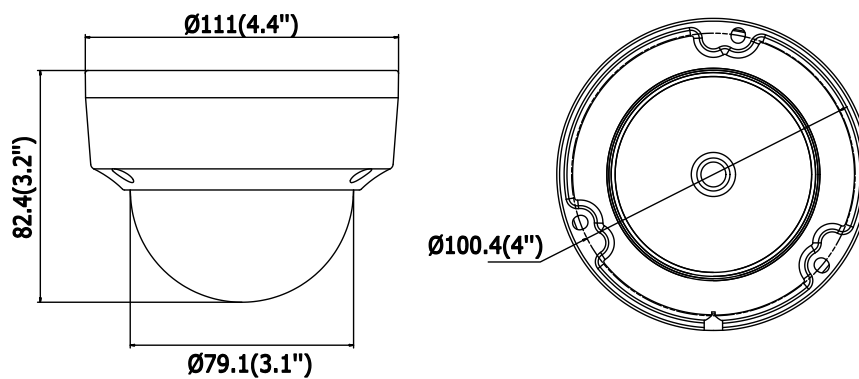DS-2CD2125FHWD-I (2.8/4/6/8/12 mm), DS-2CD2125FHWD-IS (2.8/4/6/8/12 mm)

▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

Dimension

Unit: mm (inch)

Accessory

Inclined Ceiling Mount	Wall Mount	Wall Mount + Junction Box	Pendant Mount
DS-1259ZJ	DS-1272ZJ-110	DS-1272ZJ-110B	DS-1271ZJ-110
Junction Box	Corner Mount	Vertical Pole Mount	Rain-proof Cap
DS-1280ZJ-DM18	DS-1276ZJ-SUS	DS-1275ZJ-SUS	DS-1250ZJ

Wall Mount

DS-1258ZJ

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