

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



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 Filtering | Noise | 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 View | Live | 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: $\Phi 111 \times 82.4$ mm ($\Phi 4.4'' \times 3.2''$) Package: $134 \times 134 \times 108$ mm ($5.27'' \times 5.27'' \times 4.25''$) |
| 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)

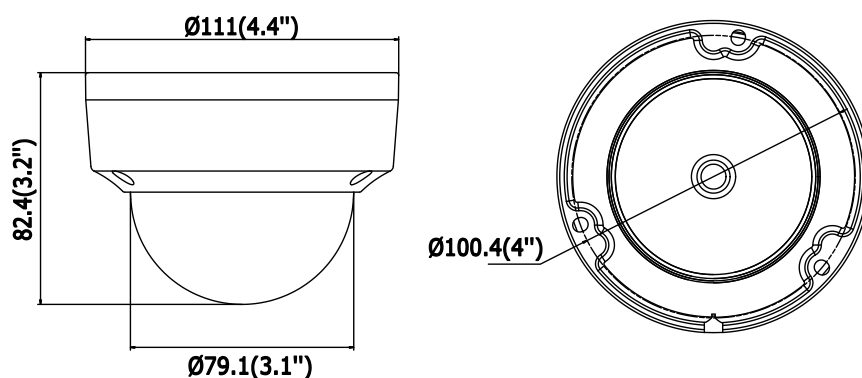
▪ Typical Application

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
DS-1259ZJ



Wall Mount
DS-1272ZJ-110



Wall Mount + Junction Box
DS-1272ZJ-110B



Pendant Mount
DS-1271ZJ-110



Junction Box
DS-1280ZJ-DM18



Corner Mount
DS-1276ZJ-SUS



Vertical Pole Mount
DS-1275ZJ-SUS



Rain-proof Cap
DS-1250ZJ



Wall Mount
DS-1258ZJ

Distributed by



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