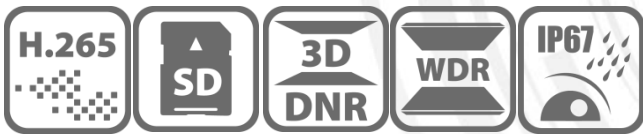


DS-2CD2165FWD-IS 6 MP IR Fixed Dome Network Camera



Key Features

- Up to 6 megapixel high resolution
- Max. 3072 × 2048 @20fps
- 2.8 mm/4 mm/6 mm fixed lens, optional
- H.265, H.265+, H.264+, H.264
- 120dB WDR
- Powered by Darkfighter
- 12 VDC & PoE (802.3af, class 3)
- IR range: up to 30 m
- Support on-board storage, up to 128 GB
- IP67, IK10
- 3-axis adjustment
- Color: 0.008 Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.6, AGC ON)



Specification

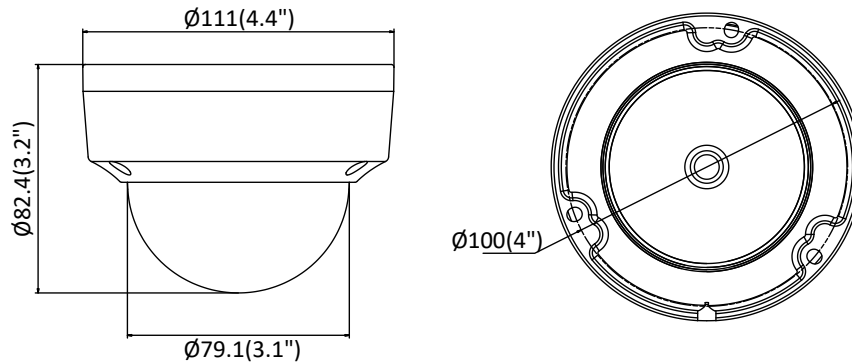
| Camera | |
|---|--|
| Image Sensor | 1/2.4" Progressive Scan CMOS |
| Min. Illumination | Color: 0.008 Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.6, AGC ON) |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Focal length | 2.8/4/6 mm |
| Focus | Fixed |
| Aperture | F1.6 |
| FOV | 2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 60°, vertical FOV: 38° |
| Lens Mount | M12 |
| 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 |
| Image | |
| Max. Resolution | 3072 × 2048 |
| Main Stream | 50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720) |
| Sub Stream | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240) |
| Image Enhancement | BLC/3D DNR |
| Image Settings | Rotate mode, brightness, contrast, saturation, and sharpness are adjustable via web browser and client software |
| 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) |
| * Note: When the main stream resolution is 2944 × 1656 and above, max frame rate is 20 fps for all streams. | |
| Network | |
| Network Storage | Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR |
| Alarm Trigger | Motion detection, 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 |
| General Function | One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter |
| Firmware Version | V5.5.61 |
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users 3 levels: Administrator, Operator and User |
| Client | iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500 |
| Web Browser | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ |
| 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 micro SD/SDHC/SDXC slot, up to 128 GB |
| Reset button | Yes |
| Smart Feature-set | |
| Behavior Analysis | Line crossing detection, intrusion detection, unattended baggage detection, object removal detection |
| Exception Detection | Scene change detection |
| Face Detection | Yes |
| Audio(-S) | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| 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) |
| General | |
| Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3) |
| Power Consumption | 12 VDC, 0.5 A, max: 6 W PoE: (802.3af, 36 VDC to 57 VDC), 0.2 A to 0.1 A, max: 7.5 W |
| IR Range | Up to 30 m |
| Wavelength | 850 nm |
| Protection Level | IP67, IK10 |
| Material | Camera body: metal, bubble: plastic |
| Dimensions | Camera: Φ 111 × 82.4 mm (Φ 4.4" × 3.2") With package: 134 × 134 × 108 mm (5.27" × 5.27" × 4.25") |
| Weight | Camera: 500 g (1.1 lb.) With package: 800 g (1.8 lb.) |

Available Models

DS-2CD2165FWD-IS (2.8/4/6 mm)

Dimensions



Unit: mm(inch)

Accessories



Inclined ceiling mount
DS-1259ZJ



Wall mount
DS-1272ZJ-110



Wall mount + junction box
DS-1272ZJ-110B



Pendant mount
DS-1271ZJ-110

Distributed by



Junction box
DS-1280ZJ-DM18



Corner mount
DS-1276ZJ



Vertical pole mount
DS-1275ZJ



Rain-proof cap
DS-1250ZJ

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