

## DS-2CD2155FWD-I(S) 5 MP Network Dome Camera



### Key Features

- Up to 5 megapixel high resolution
- Max. 2944 × 1656 @20fps
- 2.8 mm/4 mm/6 mm/8 mm/12 mm fixed lens, optional
- 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



## Specification

| <b>Camera</b>               |  |
|-----------------------------|--|
| Image Sensor                | 1/2.9" Progressive Scan CMOS   |
| Min. Illumination           | Color: 0.01 lux @(F1.2, AGC ON), 0 lux with IR   |
| Shutter Speed               | 1/3 s to 1/100,000 s   |
| Slow Shutter                | Support  |
| Lens                        | 2.8 mm, horizontal field of view: 97°<br>4 mm, horizontal field of view: 78°<br>6 mm, horizontal field of view: 60°<br>8 mm, horizontal field of view: 39.5°<br>12 mm, horizontal field of view: 19° |
| Lens Mount                  | M12  |
| Iris                        | F2.0   |
| 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°   |
| <b>Compression Standard</b> |  |
| Video Compression           | Main stream: H.265/H.264<br>Sub stream: H.265/H.264/MJPEG<br>Third stream: H.265/H.264   |
| H.264 Type                  | Main Profile/High Profile  |
| H.264+                      | Support  |
| H.265 Type                  | Main Profile   |
| H.265+                      | Support  |
| Video Bit Rate              | 32 Kbps to 16 Mbps   |
| Audio Compression (-S)      | G.711/G.722.1/G.726/MP2L2/PCM  |
| Audio Bit Rate (-S)         | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)  |
| <b>Image</b>                |  |
| Max. Resolution             | 2944 × 1656  |
| Main Stream                 | 50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)<br>60Hz: 20 fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)  |
| Sub Stream                  | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)   |
| Third Stream                | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288)<br>60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)   |
| Image Enhancement           | BLC/3D DNR   |
| Image Settings              | Support 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            | Auto/Scheduled/Alarm Triggered (-S)  |
| <b>Audio (-S)</b>           |  |
| Environment Noise Filtering | Support  |
| Audio I/O                   | Support, mono soundtrack   |
| Sampling Rate               | 8kHz/16kHz/32kHz/44.1kHz/48kHz   |

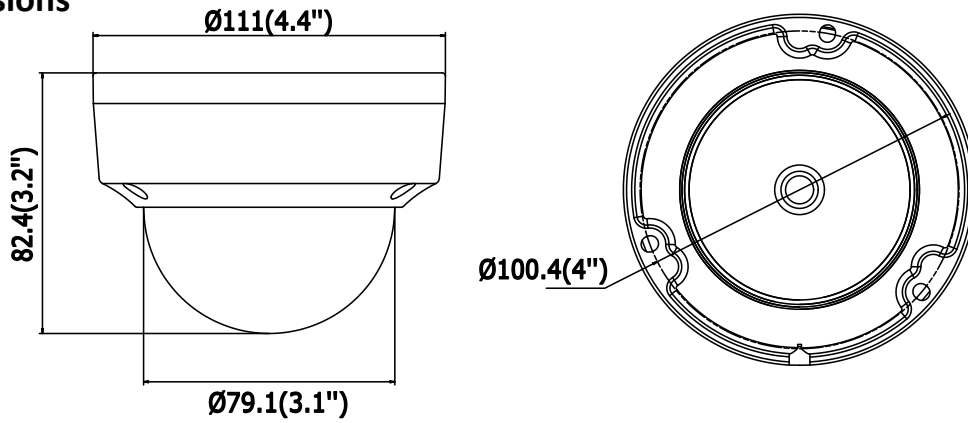
| <b>Network</b>               |  |
|------------------------------|--|
| Network Storage              | Support microSD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR   |
| Alarm Trigger                | Motion Detection, Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD error             |
| Protocols                    | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6 |
| Standard                     | ONVIF (PROFILE S, PROFILE G), ISAPI  |
| General Function             | One-key Reset, Anti-Flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter              |
| <b>Interface</b>             |  |
| Communication Interface      | 1 RJ45 10M/100M self-adaptive Ethernet port  |
| Audio (-S)                   | 1 audio input (line in), 1 audio output interface  |
| Alarm (-S)                   | 1 alarm input, 1 alarm output  |
| On-board Storage             | Built-in microSD/SDHC/SDXC slot, up to 128 GB  |
| <b>Smart Feature-set</b>     |  |
| Behavior Analysis            | Line crossing detection, intrusion detection, unattended baggage detection, object removal detection                         |
| Line Crossing Detection      | Cross a pre-defined virtual line, up to 1 pre-defined virtual lines supported  |
| Intrusion Detection          | Enter and loiter in a pre-defined virtual region, up to 1 pre-defined virtual regions supported                              |
| Object Removal Detection     | Objects removed from the pre-defined region, such as the exhibits on display.  |
| Unattended Baggage Detection | Objects left over in the pre-defined region such as the baggage, purse, dangerous materials                                  |
| Face Detection               | Human face appears in the image can be detected and trigger linkage method   |
| <b>General</b>               |  |
| Operating Conditions         | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)  |
| Power Supply                 | 12 VDC ± 25%, 6.2 W<br>PoE(802.3af, class 3), 9 W  |
| IR Range                     | Up to 30 m   |
| Protection Level             | IP67, IK10   |
| Dimensions                   | Camera: Φ 111 × 82.4 mm (Φ 4.4" × 3.2")<br>Package: 134 × 134 × 108 mm (5.27" × 5.27" × 4.25")                               |
| Weight                       | Camera: 500 g (1.1 lb.)  |

## Available Models

DS-2CD2155FWD-I, DS-2CD2155FWD-IS

*With -S model: supports 1 audio input, 1 audio output, 1 alarm input, 1 alarm output.*

**Dimensions**



Unit: mm

**Accessories**



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



Vertical pole mount

DS-1275ZJ



Rain-proof cap

DS-1250ZJ

Distributed by



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