

## DS-2XC6142FWD-IS 4 MP Anti-Corrosion Network Dome Camera



### Key Features

- Up to 4 megapixel high resolution
- 120dB Wide Dynamic Range
- Three video streams
- H.265, H.265+, H.264, H.264+
- 6 behavior analyses, 2 exception detections, 1 recognition
- Support on-board storage, up to 128GB
- IR range: 10 m
- DC 12V/PoE
- Anti-Corrosion Standard: WF-2, NEMA 4X, C5-M
- IP67



## Specifications

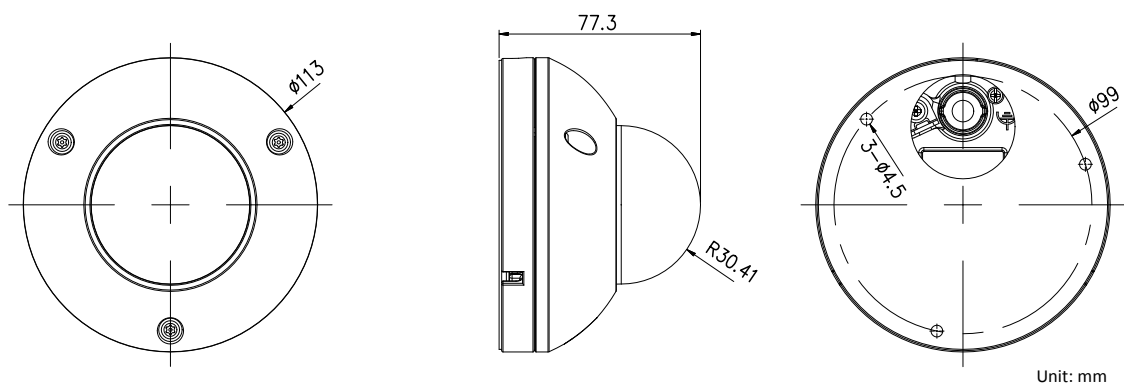
| <b>Camera</b>                  |  |
|--------------------------------|--|
| Image Sensor                   | 1/3" Progressive Scan CMOS   |
| Min. Illumination              | 0.01Lux @(F1.2, AGC ON) ,0 Lux with IR on<br>0.028 Lux @(F2.0, AGC ON), 0 Lux with IR on   |
| Shutter Speed                  | 1 s to 1/100,000 s, support slow shutter   |
| Lens                           | 4mm, horizontal field of view: 83°, vertical field of view: 44.7°<br>6mm horizontal field of view: 55.4°, vertical field of view: 30.4°  |
| Lens Mount                     | M12  |
| Day &Night                     | IR cut filter  |
| DNR                            | 3D DNR   |
| Wide Dynamic Range             | 120dB  |
| Angle Adjustment               | Tilt: 0° to 75°; Pan: -30° to 30°; Rotate: 0° to 360°  |
| <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/MJPEG   |
| H.264 Type                     | Baseline profile/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              | G.711/G.722.1/G.726/MP2L2/PCM  |
| Audio Bit Rate                 | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-128Kbps(MP2L2)  |
| <b>Image</b>                   |  |
| Max. Resolution                | 2560 × 1440  |
| Main Stream<br>Max. Frame Rate | 50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720, 528 × 384)<br>60Hz: 24fps (2560 × 1440, 1920 × 1080, 1280 × 720, 528 × 384)   |
| Sub Stream<br>Max. Frame Rate  | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240)<br>60Hz: 24fps (704 × 480, 640 × 480, 352 × 240, 320 × 240)   |
| Third Steam<br>Max. Frame Rate | 50Hz: 1fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240)<br>60Hz: 1fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240, 320 × 240) |
| Image Enhancement              | BLC/3D DNR/Defog   |
| Image Settings                 | Rotate mode, saturation, brightness, contrast, etc., adjustable by client software or web browser  |
| Region of Interest             | Support 4 customized region for each stream, and face dynamic tracking   |
| Target Cropping                | Support  |
| Day/Night Switch               | Auto/Schedule/Triggered by Alarm In  |
| Picture Overlay                | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format  |
| <b>Network</b>                 |  |
| Network Storage                | Support Micro SD/SDHC/SDXC card (up to 128 GB) local storage and NAS (NFS,SMB/CIFS), ANR   |
| Alarm Trigger                  | Motion detection, tampering alarm, HDD full, HDD error, network disconnected, IP address conflicted, illegal login   |
| Protocols                      | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP   |
| Standard                       | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI   |

|                           |   |
|---------------------------|---|
| General Function          | Mirror, anti-flicker, heartbeat, watermark, password protection, privacy mask   |
| <b>Interface</b>          |   |
| Communication Interface   | 1 RJ45 10M/100M self-adaptive Ethernet port   |
| Alarm                     | 1 alarm input, 1 alarm output   |
| On-board Storage          | Built-in Micro SD/SDHC/SDXC slot, up to 128GB   |
| <b>Smart Feature-set</b>  |   |
| Behavior Analysis         | Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection |
| Line Crossing Detection   | Cross a pre-defined virtual line  |
| Intrusion Detection       | Enter and loiter in a pre-defined virtual region  |
| Region Entrance Detection | Enter a pre-defined virtual region from the outside place   |
| Region Exiting Detection  | Exit from a pre-defined virtual region  |
| Unattended Baggage        | Objects left over in the pre-defined region such as the baggage, purse, dangerous materials   |
| Object Removal            | Objects removed from the pre-defined region, such as the exhibits on display.   |
| Exception Detections      | Scene change detection, defocus detection   |
| Recognition               | Face detection  |
| <b>General</b>            |   |
| Operating Conditions      | -30°C to +60 °C (-22 °F to +140 °F), humidity less than 95% (non-condensing)  |
| Power Supply              | DC 12V, 0.4A, 5W, terminal block<br>PoE (802.3af, class 3), 0.1A  |
| Power Consumption         | Max. 5W   |
| IR Range                  | 10 m  |
| Housing Material          | SUS 316L  |
| Anti-Corrosion Standard   | WF-2, NEMA 4X, C5-M   |
| Ingress Protection        | IP67  |
| Dimensions                | Camera: $\Phi 113 \times 77.3$ mm (4.45" $\times$ 3.04")<br>Package: 257 $\times$ 167 $\times$ 145 mm (10.12" $\times$ 6.57" $\times$ 5.71")              |
| Weight                    | Camera: 1680 g (3.7 lb.)  |

## Available Models

DS-2XC6142FWD-IS

## Dimension



**Accessories**

**DS-1705ZJ-DM35**  
Wall mount



**DS-1284ZJ-M**  
Junction box

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