

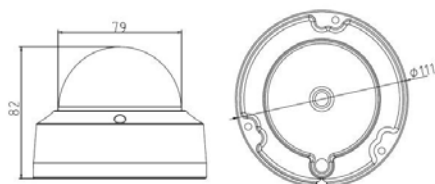
## DS-2CD2142FWD-ISB

### 4 MP WDR Fixed Dome Network Camera



- Black finish version of the DS-2CD2142FWD-IS
- 4 Megapixel High Resolution
- Full HD1080p Video
- Dual Video Streams
- 2.8 mm, 4 mm, 6 mm Fixed Lens Options
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Smart Features
- PoE (802.3af)
- 100 ft (30 m) IR Range
- IP67 and IK10 Protection
- Audio and Alarm I/O
- Edge Storage, MicroSD Slot, 128 GB

### Dimensions



### Accessories

|                             |                                                |                                                          |                                 |                                   |
|-----------------------------|------------------------------------------------|----------------------------------------------------------|---------------------------------|-----------------------------------|
|                             |                                                |                                                          |                                 |                                   |
| <b>AB110</b><br>Angled Base | <b>WM110</b><br>Wall Mount<br>+ Pendant<br>Cap | <b>WMS +<br/>PC110</b><br>Wall Mount<br>+ Pendant<br>Cap | <b>CB110</b><br>Conduit<br>Base | <b>SRSM</b><br>Sun/Rain<br>Shield |

### DS-2CD2142FWD-ISB

| Camera                   |                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             | 1/3" progressive scan CMOS                                                                                                                                                       |
| Minimum Illumination     | Color: 0.028 lux @ (f/2.0, AGC on); B/W: 0 lux with IR                                                                                                                           |
| Shutter Speed            | 1/3 s to 1/10,000 s                                                                                                                                                              |
| Lens                     | 2.8 mm, 4 mm, 6 mm options                                                                                                                                                       |
| Angle of View            | 106° (2.8 mm), 83° (4 mm), 56° (6 mm)                                                                                                                                            |
| Lens Mount               | M12                                                                                                                                                                              |
| Day/Night                | IR cut filter with auto switch                                                                                                                                                   |
| Digital Noise Reduction  | 3D Digital Noise Reduction                                                                                                                                                       |
| Wide Dynamic Range       | 120 dB                                                                                                                                                                           |
| Pan/Tilt/Rotation        | Pan: 0° to 355°; tilt: 0° to 75°; rotation: 0° to 355°                                                                                                                           |
| Compression Standards    |                                                                                                                                                                                  |
| Video Compression        | H.264/MJPEG                                                                                                                                                                      |
| H.264 Type               | Main Profile                                                                                                                                                                     |
| Video Bit Rate           | 32 Kbps to 16 Mbps                                                                                                                                                               |
| Dual Streams             | Yes                                                                                                                                                                              |
| Audio                    | G.711/G.722.1/G.726/MP2L2, 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2)                                                                              |
| Image                    |                                                                                                                                                                                  |
| Maximum Resolution       | 2688 × 1520                                                                                                                                                                      |
| Frame Rate               | 20 fps (2688 × 1520), 30 fps (1920 × 1080), 30 fps (1280 × 720)                                                                                                                  |
| Image Settings           | Compression, color, saturation, brightness, contrast, sharpness, rotate mode, privacy mask                                                                                       |
| Backlight Compensation   | Yes, zone configured                                                                                                                                                             |
| Region of Interest (ROI) | Yes                                                                                                                                                                              |
| Analytics                |                                                                                                                                                                                  |
| Smart Features           | Line crossing detection, intrusion detection                                                                                                                                     |
| Network                  |                                                                                                                                                                                  |
| Network Storage          | NAS (supports NFS, SMB/CIFS), ANR                                                                                                                                                |
| Alarm Triggers           | Motion detection, line crossing detection, intrusion detection, tamper alarm, network disconnect, IP address conflict, storage exception                                         |
| Protocols                | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour                                            |
| Security                 | Three level user authentication, password authorization, HTTPS and SSH certificate, IEEE802.1X, basic and digest authentication, watermark, IP address filtering, log-in lockout |
| Standards                | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI                                                                                                                                   |
| Interface                |                                                                                                                                                                                  |
| Communication            | 1 RJ-45 10M/100M Ethernet port                                                                                                                                                   |
| On-Board Storage         | Built-in microSD/SDHC/SDXC slot, up to 128 GB                                                                                                                                    |
| Alarm                    | 1x alarm I/O                                                                                                                                                                     |
| Audio                    | 1x audio I/O                                                                                                                                                                     |
| General                  |                                                                                                                                                                                  |
| Operating Conditions     | -22° F to 140° F (-30° C to 60° C), humidity 95% or less (non-condensing)                                                                                                        |
| Power                    | 12 VDC ±10%, PoE (802.3af)                                                                                                                                                       |
| Power Consumption        | Maximum 5 W                                                                                                                                                                      |
| IR Range                 | Approximately 100 ft (30 m)                                                                                                                                                      |
| Ingress Protection       | IP67                                                                                                                                                                             |
| Impact Protection        | IEC60068-275Eh, 20J; EN50102, up to IK10                                                                                                                                         |
| Dimensions               | Φ 4.4" × 3.2" (111 mm × 82 mm)                                                                                                                                                   |
| Weight                   | 1.1 lbs (500 g)                                                                                                                                                                  |

### Order Model

DS-2CD2142FWD-ISB