

### 2 Mega Pixel Network Indoor Dome Camera



#### **Description:**

The CDI2512IFW DirectNET indoor dome camera provides high quality video at 2 megapixel resolution. The advanced H.265 codec allows for smaller recording file sizes and lower transmission bandwidth on your network. The Remote Focus feature allows installers to control the zoom and focus directly from the network videorecorders (NVRs) or remotely through StarNET.

Costar's DirectNET cameras have true plug-and-play capability with the XDi 20 Series recorders and are compatible with StarNET Video Management Software (VMS). StarNET is the remote access software that allows users to remotely view live and recorded video. StarNET incorporates features such as advanced event notification, map monitoring, system status monitoring and many more. Costar's DirectNET cameras are ONVIF supported. ONVIF is an industry standard that ensures interoperability between IP-based security products regardless of brand.

#### **Features:**

- Max. resolution 2 MP (1920 x 1080)
- 1/2.8" CMOS Progressive Scan image sensor
- 2.8~12mm DC Iris
- True day / night with IR cut filter
- Remote focus and zoom capability
- DirectNET protocol; iNEX™ protocol selectable
- Micro SD memory card supported
- Back Light Compensation (BLC)
- Digital Noise Reduction (DNR)
- True Wide Dynamic Range (TWDR)
- Multiple compression (H.265, H.264, MJPEG)
- Power over Ethernet (PoE) or 12VDC

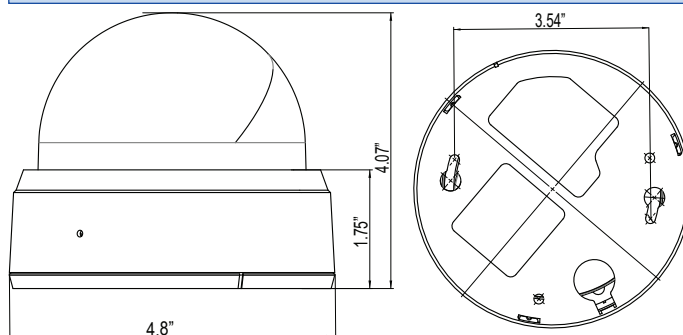
# CDI2512FW Specifications

| Model     | Lens     | Resolution                |
|-----------|----------|---------------------------|
| CDI2512FW | 2.8-12mm | 2 Megapixel (1920 x 1080) |

| Power                   |  |
|-------------------------|--|
| Source                  | 12VDC or PoE   |
| PoE                     | IEEE 802.3af Class 2   |
| Consumption             | (12VDC) 12.6W (Poe) 11.5W  |
| Sensor                  |  |
| Image Sensor            | 1/2.8" CMOS  |
| Scanning Mode           | Progressive Scan   |
| Resolution              | 1920 x 1080  |
| Lens Type               | Motorized Vari-focal   |
| Lens Focal Length       | f=2.8 - 12mm   |
| Aperture                | F1.4 ~ F2.8  |
| Iris Control            | DC-Iris  |
| IR LEDs                 | --   |
| IR Range                | --   |
| Minimum Illumination    | 0.1 Lux @ F1.4 (Color)<br>0 Lux @ F1.4 (BW)                                    |
| S/N Ratio               | More than 45dB   |
| Dynamic Range           | 120dB (True WDR)   |
| Electronic Shutter      | Auto / Manual: 1/30 ~ 1/10000<br>Anti-Flicker Slow Shutter: 1~1/5, 1/7.5, 1/15 |
| Viewing Angle           | Wide : 98°(H), 51°(V), 116°(D)<br>Tele : 33°(H), 19°(V), 38°(D)                |
| CVBS Video Output       | 1 BNC  |
| Camera Functions        |  |
| Alarm In/Out            | Input 1 ea / Output 1 ea   |
| Audio In/Out            | Line-in 1ea / Line-out 1 ea  |
| Auto Exposure           | Yes  |
| Auto White Balance      | Yes  |
| Back Light Compensation | On / Off / HSBLC   |
| Day / Night             | IR Cut Filter with Auto Switch   |
| Digital Noise Reduction | Configurable 2DNR / 3DNR   |
| Event Buffering         | Up to 60MB   |
| Event Notification      | Remote S/W, Email (with image)   |
| Event Trigger           | Motion Detection, Tampering,<br>Trip Zone                                      |
| Motion Detection        | Motion Adaptive Transmission (MAT)   |
| Privacy Masking         | 8 Zones  |

| Network              |  |   |
|----------------------|--|---|
|                      | DirectNET Mode   | iNEX™ Mode  |
| Video Compression    | H.265, H.264(MP), M-JPEG                                     |   |
| Intelligent Codec    | Supported  |   |
| Video Resolution     | 1920 x 1080, 1280 x 720<br>704 x 480, 640 x 360<br>352 x 240 | 1920 x 1080, 1280 x 720<br>704 x 480, 640 x 360<br>352 x 240  |
| Max Frame Rate       | 30ips:1920 x 1080 (WDR)                                      | 60ips:1920 x 1080<br>30ips:1920 x 1080 (WDR)  |
| Bitrate              | Up to 12Mbps   |   |
| Bitrate Control      | Constant Bitrate / Variable Bitrate                          |   |
| Edge Storage         | micro SD/ SDHC /SDXC (128GB)                                 |   |
| Streaming Video      | Quadruple  |   |
| Camera Protocol      | DirectNET 2.0  | iNEX, ONVIF Profile S (2.4)   |
| Security             | SSL Encryption   | Multi-user Authority, HTTPS<br>SSL Encryption,<br>IP Filtering  |
| Remote Access Client | DirectNET NVR Connection                                     | StarNET, iNEX VMS,<br>StarNET Mobile  |
| Network Protocols    | DirectNET  | RTP/RTSP/TCP,<br>RTP/RTSP/HTTP/TCP,<br>RTP/UDP RTSP/TCP,<br>HTTP, HTTPS, FTP, SNMP<br>SMTP, FEN, mDNS, uPNP |

| General Information |                                   |
|---------------------|-----------------------------------|
| Heater              | --                                |
| Vandal Proof Rating | --                                |
| Approvals           | FCC, CE, KC, UL                   |
| Humidity            | 0% ~ 90%                          |
| Temperature         | -14°F ~ +122°F<br>(-10°C ~ +50°C) |
| Dimensions (Ø x H)  | Ø 4.8" x 4.07"                    |
| Weight              | .75lbs (0.34 kg)                  |
| Dimensions          |                                   |



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