

### 2 Megapixel Network IR Outdoor Dome Camera



#### Description:

The CDI2510VIFW DirectNET outdoor 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 infrared LEDs provide illumination for clear image quality at night. The IP66 weatherproof rating makes this dome camera suitable for outdoor applications. The Wide Dynamic Range (WDR) feature allows the camera to use two shutter speeds combining them into one progressive scan frame. This results in clear image quality in various lighting conditions. The Remote Focus feature allows installers to control the zoom and focus directly from the network video recorders (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:

- 2 megapixel resolution (1080p)
- 3.3 - 10 mm motorized lens
- 1/3" CMOS Progressive Scan image sensor
- 28 each IR LEDs with a 20m (65 feet) range
- Remote focus and zoom capability
- True day / night with IR cut filter
- DirectNET protocol; iNEX™ protocol selectable
- Micro SD memory card supported
- Back Light Compensation (BLC)
- Digital Noise Reduction (DNR)
- Wide Dynamic Range (WDR)
- Multiple compression (H.265, H.264, M-JPEG)
- IP66 weatherproof rated
- IK10 vandal resistant housing
- Power over Ethernet (PoE) or 12VDC

# CDI2510VIFW Specifications

Model	Lens	Resolution
CDI2510VIFW	3.3-10 mm	1920 x 1080

Power	
Source	12VDC or PoE
PoE	802.3af
Consumption	7.5 watts
Sensor	
Image Sensor	1/3" CMOS
Scanning Mode	Progressive Scan
Resolution	1920 x 1080
Lens Type	Motorized Vari-focal
Lens Focal Length	f=3.3 - 10mm
Aperture	F1.3 - 2.5
Iris Control	P-Iris
IR LEDs	28 ea
IR Range	20m
Frame Rate	Up to 30 fps
Minimum Illumination	0.01 Lux @ F1.3 (Color) 0.00 Lux @ (IR LED ON) (BW)
S/N Ratio	More than 45dB
Dynamic Range	120dB (True WDR)
Electronic Shutter	Auto / Manual: 1/30 ~ 1/10000 Anti-Flicker Slow Shutter: 1~1/5, 1/7.5, 1/15
Viewing Angle	Wide: 95.7°(H), 50.6°(V), 114.4°(D) Tele : 31.8°(H), 17.9°(V), 36.5°(D)
Video Features	
Video Output	RG45, BNC
Video Compression	H.264 (MP), M-JPEG, H.265
Compression Resolution	1920x1080, 1280x720, 704x480, 640x360, 352x240
Bitrate Control	H.264-CBR/VBR, H.265-CBR/VBR
Bitrate	Up to 12 Mbps
Camera Functions	
Alarm	Yes; Input 1ea / Output 1ea
Auto Exposure	Yes
Auto White Balance	Yes
Back Light Compensation	Yes; On / Off / HSBLIC
Day/Night	Yes; IR cut filter with auto switch
Digital Noise Reduction	Yes; Configurable 2DNR/3DNR
Event Buffering	Yes; Up to 60MB
Event Notification	Remote S/W, Email (with Image)
Event Triggers	Motion Detection, Audio Detection, Tampering, Trip Zone
Motion Detection	Yes
Privacy Masking	Yes; 8 Zones

Network	
<b>DirectNET Mode</b>	
Security	SSL Encryption
Remote Access Client	StarNET NVR Connection
Streaming Video	Quadruple Streaming
Camera Protocol	DirectNET, ONVIF Profile S
<b>iNEX™ Compatibility Mode</b>	
Security	Multi-user Authority, HTTPS, SSL Encryption
Remote Access Client	StarNET
Streaming Video	Quadruple Stream
Camera Protocol	ONVIF Profile S
Network Protocols	RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNTp, SMTP, FEN, mDNS, uPNP
General Information	
Approvals	FCC, CE, KC
Humidity	0% ~ 90%
Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
Dimensions (Ø x H)	(6.11" x 4.39") (155mm x 111.5mm)
Weight	0.9 kg (1.99 lbs)
Dimensions	
Accessories	
CDMPMD11	Pendant Mount
CDMWMD11	Wall Mount

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VIDEO SYSTEMS

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Specifications and design are subject to change without notice. Conversions: 1" = 25.4mm. Measurement conversions are approximate.

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