

**2 Mega Pixel Network IR Outdoor  
Wide Dynamic Dome Camera****Description:**

The CDI2129VW outdoor dome camera provides high quality video at 2 megapixel resolution. The infrared LEDs provide illumination for clear image quality at night. The IP66 weatherproof rating makes this dome camera suitable for outdoor applications. The True Wide Dynamic Range (TWDR) 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.

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)
- 2.9 Fixed Lens
- 1/2.8" Sony Exmor Imager
- 12 each IR LEDs with a 15m (50 feet) range
- True day / night with IR cut filter
- Micro SD memory card supported
- Back Light Compensation (BLC)
- Digital Noise Reduction (DNR)
- Wide Dynamic Range (WDR)
- Multiple compression (H.264, M-JPEG)
- IP66 weatherproof rated
- IK10 vandal resistant housing
- Power over Ethernet (PoE) or 12VDC

# CDI2129VW Specifications

Model	Lens	Resolution
CDI2129VW	2.9mm Fixed Lens	1920x 1080

Power	
Source	12VDC or PoE
PoE	802.3af
Consumption	4.6w 12vdc (5.3w POE)
Sensor	
Image Sensor	1/2.8" Sony CMOS
Scanning Mode	Progressive Scan
Resolution	1920 x 1080
Lens Type	Fixed Lens
Lens Focal Length	2.9mm
Aperture	F2.0
Iris Control	EIE
IR LEDs	12 ea
IR Range	15m
Frame Rate	Up to 30 fps
Minimum Illumination	0.02 Lux @ F2.0 (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
Viewing Angle	105°(H), 60°(V)
Video Features	
Video Output	RG45
Video Compression	H.264 (MP), M-JPEG
Compression Resolution	1920x1080, 1280x720, 704x480, 640x360, 320x240
Bitrate Control	H.264-CBR/VBR,
Bitrate	Up to 8 Mbps
Camera Functions	
Alarm	Yes; Input 1ea / Output 1ea
Auto Exposure	Yes
Auto White Balance	Yes
Back Light Compensation	Yes; On / Off / HSBLC
Day/Night	Yes; IR cut filter with auto switch
Digital Noise Reduction	Yes; Configurable 3DNR
Event Buffering	Yes; Up to 60MB
Event Notification	Remote S/W, Email (with Image)
Event Triggers	Motion Detection,
Motion Detection	Yes; 16 Zones
Privacy Masking	Yes; 8 Zones
Audio	1 input (mic)
SD Card	SDHC (32GB max)

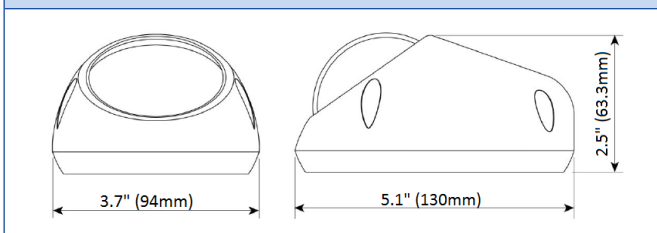
## iNEX™ Compatibility Mode

Security	Multi-user Authority, HTTPS, SSL Encryption
Remote Access Client	StarNET, iNEX
Streaming Video	Triple Stream
Camera Protocol	ONVIF Profile S
Network Protocols	RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNMP, SMTP, uPNP

## General Information

Approvals	FCC, CE, KC
Humidity	0% ~ 90%
Temperature	-10°C ~ +50°C (+14°F ~ +122°F)
Dimensions (Ø x H)	(3.7" x 5.1" x 2.5") (94mm x 130mm x 63.3mm)
Weight	1 lbs (450g)

## Dimensions



**COSTAR**  
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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v1.1