

**2 Megapixel Network  
Indoor Dome Camera  
Remote Focus****Direct IP™****Description:**

The CDI2110RF DirectIP™ indoor dome camera provides high quality video at 2 megapixel resolution. The Remote Focus feature allows installers to control the zoom and focus directly from the network video recorders (NVRs) or remotely through iRAS.

Costar's DirectIP™ cameras have true plug-and-play capability with the XDi Series recorders and are compatible with iRAS Video Management Software (VMS). iRAS is the remote access software that allows users to remotely view live and recorded video. iRAS incorporates features such as advanced event notification, map monitoring, system status monitoring and many more. Costar's DirectIP™ 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 vari-focal lens
- 3x motorized zoom
- 1/2.8" CMOS Progressive Scan image sensor
- Remote focus and zoom capability
- True day / night with IR cut filter
- DirectIP™ protocol; iNEX™ protocol selectable
- Micro SD memory card supported
- Back Light Compensation (BLC)
- Digital Noise Reduction (DNR)
- Multiple compression (H.264, MJPEG)
- Power over Ethernet (PoE) or DC12V

# CDI2110RF Specifications

Model	Lens (mm)	Resolution
CDI2110RF	3.3 - 10 mm	2 Megapixel

## Power

Source	PoE or DC12V
PoE	IEEE 802.3af
Consumption	4.8 Watts

## Sensor

Image Sensor	1/2.8" CMOS
Scanning Mode	Progressive Scan
Resolution	1920 x 1080
Lens Type	Motorized Vari-focal
Lens Focal Length	$f = 3.3 - 10 \text{ mm}$
Aperture	$F = 1.3 - 2.5$
Zoom	3x motorized zoom
Iris	DC Auto iris
Minimum Illumination	Color: 0.3 Lux @ F1.3 BW: 0.002 Lux @ F.13
Frame Rate	Up to 30 fps
S/N Ratio	31.2 dB
Dynamic Range	74.7 dB
Electronic Shutter	Auto / Manual: 1/30 ~ 1/8000 Anti-Flicker: Slow Shutter: 1/7.5, 1/15
Viewing Angle	Wide: 118.2°D, 99.8°H, 52.2°V Tele: 38.3°D, 33.5°H, 18.6°V
Pan/Tilt Range	Pan: -165° ~ 165° Tilt: 7° ~ 90° Rotate: -178° ~ 178°

## Video Features

Video Output	1 BNC
Video Compression	H.264, MJPEG
Compression Resolution	1920 x 1080, 1280 x 720, 704 x 480, 640 x 360, 352 x 240
Bitrate Control	H.264 - CBR / VBR
Bitrate	Up to 10 Mbps
External Storage	micro SD/SDHC
Audio Compression	G.726, G.711

## Camera Functions

Alarm	Yes; 1 In / 1 Out
Audio	Yes; 1 In / 1 Out
Auto Exposure	Yes
Auto White Balance	Yes
Back Light Compensation	Yes
Day/Night	Yes; with ICR
Digital Noise Reduction	Yes
Event Buffering	Yes; up to 60MB
Event Notification	Remote S/W, Email with images
Event Triggers	Motion Detection, Tampering, Trip Zone
Image Stabilizer	Yes
Motion Detection	Yes
Privacy Masking	Yes; 16 Zones
Remote Focus	Yes; Motorized Zoom

## Network

## DirectIP™ Mode

Security	SSL Encryption
Remote Access Client	iRAS 3.0
Streaming Video	Quadruple Stream
Camera Protocol	DirectIP V1.0.0

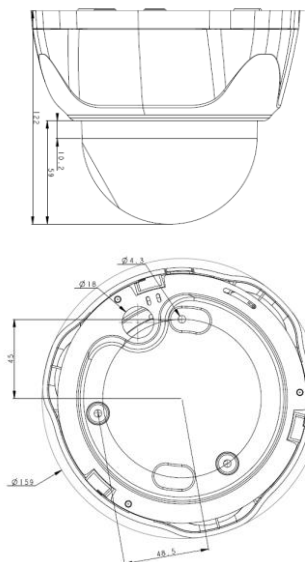
## iNEX™ Compatibility Mode

Security	Multi-user Authority, HTTPS, SSL Encryption
Remote Access Client	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, FEN, mDNS, uPNP

## General Information

Temperature	14°F to 122°F (-10°C to 50°C)
Humidity	90% RH Max
Approvals	FCC, CE, UL (E214738)
Dimensions (Ø x H)	6.3" x 4.8" (159 x122 mm)

## Dimensions



## Accessories

CDMWM10	Wall Mount
CDMPM10	Pendant Mount

**COSTAR**  
VIDEO SYSTEMS

101 Wrangler, Suite 201 • Coppell, Texas 75019 • Phone: 469-635-6800 • Fax: 469-635-6822 • Toll Free: 1-888-694-STAR (7827)

[www.costarvideo.com](http://www.costarvideo.com)

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