CDI2109IR

2 Mega Pixel Network Indoor IR Dome Camera

Direct IP™

Description:	***Features:***
The CDI2109IR indoor dome camera provides high quality video at (1080p) 2.0 mega pixel resolution. The infrared LEDs provide illumination for clear image quality at night. The ability to be powered by PoE simplifies installation. Costar Video's DirectIP cameras are compatible with the iRAS user interface platform. The iRAS user interface incorporates features such as powerful event handling, multiple map integration and audio broadcasting. Costar Video's IP cameras are OnVIF supported. The industry standard OnVIF protocol makes it easy to integrate Costar branded IP cameras with OnVIF compatible recorders.	• 2 mega pixel resolution (1080p) • 3-9 mm vari-focal lens • 1/2.7" CMOS Progressive Scan image sensor • 18 IR LEDs with a 65 foot (20 m) range • True day/night with IR cut filter • DirectIP compatible; iNEX software selectable • Micro SD memory card supported • Back Light Compensation (BLC) • Digital Wide Dynamic Range (D-WDR) • Digital Noise Reduction (DNR) • Multiple compression (H.264, MJPEG) • Power over Ethernet (PoE) or DC12V

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

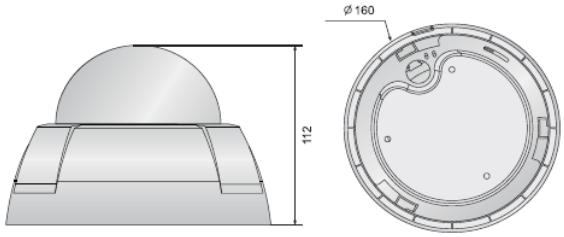
CDI2109IR Specifications

Model	Lens (mm)	Resolution
CDI2109IR	3-9 mm	2 Mega Pixel

Power	
Source	PoE or DC12V
PoE	802.3af
Consumption	4.8 watts
Sensor	
Image Sensor	1/2.7” CMOS Progressive Scan
Lens	3-9 mm F1.2-2.3 Vari-focal lens
Iris	DC Auto iris
IR LEDs	18 LEDs 65 feet (20 m) range
Minimum Illumination	0.5 Lux @ F1.2 Color
Resolution	1920 x 1080
Frame Rate	Up to 30 fps
S/N Ratio	45 dB
Wide Dynamic Range	90 dB
Electronic Shutter	1/30 ~ 1/8000
Viewing Angle	Wide: 123°H x 66°V Tele: 37°H x 22°V
Pan/Tilt Range	Pan:-167° ~ 167° Tilt: -60° ~ 60°
Video Features	
Video Output	1 Composite
Video Compression	H.264, MJPEG
Compression Resolution	352 x 240, 704 x 480, 1280 x 720, 1920 x 1080
Bitrate Control	H.264-CBR/VBR (Up to 12 Mbps)
External Storage	Micro SD Card (Class 6 or higher, 32GB)
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
Motion Detection	Yes
Privacy Masking	Yes
Wide Dynamic Range	Yes; Digital (D-WDR)

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
Dimensions (Ø x H)	6.3” x 4.8” (160 x122 mm)

Dimensions



Accessories	
CDMWM10	Wall Mount
CDMDM10	Pendant Mount

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