

**2 Megapixel Network
Outdoor PTZ Camera
18x Optical Zoom****Direct IP™****Description:**

The CDI2118PZ DirectIP™ outdoor PTZ dome camera provides high quality video with 18x optical zoom and 2 megapixel resolution. The IP66 weatherproof rating makes this camera suitable for outdoor applications.

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.

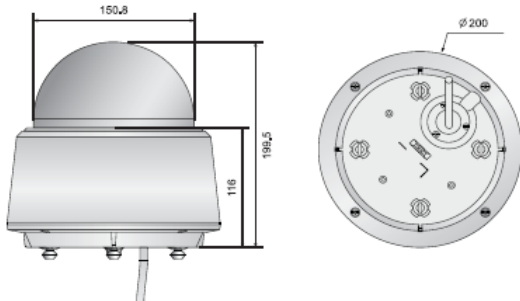
Features:

- 2 megapixel resolution (1080p)
- IP Pan Tilt Zoom with 18x auto focus lens
- 1/2.8" CMOS Progressive Scan image sensor
- 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)
- Weatherproof IP66 rated
- IK10 vandal resistant housing
- Heater and blower included
- Power over Ethernet (PoE), DC12V, or AC24V

CDI2118PZ Specifications

Model	Lens (mm)	Resolution
CDI2118PZ	4.7 ~ 84.6mm	2 Megapixel

Power	
Source	PoE, DC12V, AC24V
PoE	802.3at class 4
Consumption	27.5 Watts (with heater)
Sensor	
Image Sensor	1/2.8" CMOS
Scanning Mode	Progressive Scan
Resolution	1920 x 1080
Lens Type	4.7~84.6 mm F1.6-F2.8 vari-focal lens
Lens Focal Length	
Iris	DC Auto iris
Minimum Illumination	Color: 0.5 Lux @ F1.6
Frame Rate	Up to 30 fps
S/N Ratio	31.2 dB
Dynamic Range	74.7 dB
Minimum Object Distance	3.28 feet (1.0 m)
Electronic Shutter	Auto / Manual: 1/30 ~ 1/8000 Anti-Flicker: Slow Shutter: 1/7.5, 1/15
Viewing Angle	Wide: 64.9°D, 58.5°H, 33.5°V Tele: 4.7°D, 4.1°H, 2.4°V
Pan/Tilt Range	Pan: 360° continuous Tilt: -10° ~ 190°
Pan/Tilt Speed	Pan: 0.02° ~ 180° / sec. Tilt: 0.02° ~ 180° / sec.
Video Features	
Video Compression	H.264, MJPEG
Streaming	Quadruple Stream
Protocol	DirectIP
External Storage	Micro SD Card
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

Network	
DirectIP™ Mode	
Security	SSL Encryption
Remote Access Client	iRAS 3.0
Streaming Video	Quadruple Stream
Camera Protocol	DirectIP V1.0.0
Network Protocols	Zero Configuration
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	IP66, FCC, CE, KC
Dimensions (Ø x H)	7.9" x 7.9" (200 x 199.5 mm)
Weight	5.40 lbs. (2.45 kg)
Dimensions	
	
Accessories	
CDMWM20	Wall Mount
CDMPM20	Pendant Mount
CDASS18	Sun Shield

COSTAR
VIDEO SYSTEMS

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