

4 Megapixel Network Outdoor IR Ball Camera



Description:

The CDI4512VTIR outdoor ball camera provides high quality video at 4 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 such as gas stations, retail parking lots and many others.

Costar's IP cameras are compatible with the iRAS and iNEX Video Management Software (VMS) platforms. iRAS and iNEX are the remote access software that allows users to remotely view live and recorded video. These software platforms incorporate features such as advanced event notification, map monitoring, system status monitoring and many more. Costar's IP cameras are ONVIF supported. ONVIF is an industry standard that ensures interoperability between IP-based security products regardless of brand.

Features:

- 4 megapixel resolution
- 3-12 mm vari-focal IR corrected lens
- 1/3" Progressive Scan CMOS
- 15 IR LEDs with a 50 foot (15m) range
- True day / night with IR cut filter
- ONVIF supported; iNEX™ compatible
- SD memory card supported (up to 64gb)
- Black Light Compensation (BLC)
- Digital Noise Reduction (3DNR)
- Wide Dynamic Range (WDR)
- Multiple compression (H.265, H.264, MJPEG)
- Dual IP streaming
- IP66 weatherproof rated
- Power over Ethernet (PoE) or 12VDC

CDI4512VTIR Specifications

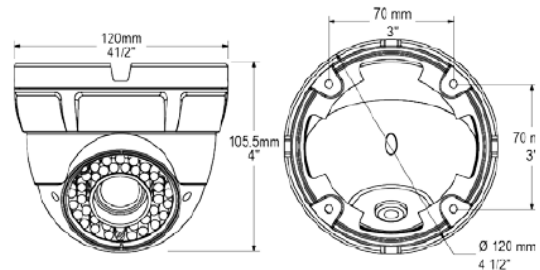
Model	Lens (mm)	Resolution
CDI4512VTIR	3-12 mm	4 Megapixel

Power	
Source	12VDC or PoE
PoE	802.3af
Consumption	3W (IR Off) 6W (IR On)
Sensor	
Image Sensor	1/3 Progressive Scan CMOS
Scanning Mode	Progressive Scan
Max Resolution	2560 x 1440
Lens Type	Vari-focal IR Corrected
Lens Focal Length	f = 3-12 mm
Aperture	F = 1.2
Frame Rate	2688 x 1440 @ 15 ips 2560 x 1440 @ 15 ips 2304 x 1296 @ 30 ips 1920 x 1080 @ 30 ips
Minimum Illumination	0.1 Lux (Color) 0.0 Lux (IR LED On)
Field of View	87°~35°
IR LEDs	15pcs 850 nm Super Flux High Powered LEDs
IR Range	50 feet (15 meters)
Dynamic Range	120Db (True WDR)
Electronic Shutter	1/5 – 1/20,000 50/60Hz
Video Features	
Compression	H.265, H.264, MJPEG
Streaming	Multi Stream
Standards	ONVIF
Bitrate	Stream1; 50Kbps-12Mbps Stream2; 10Kbps-6Mbps Stream3; MJPEG fixed
Quality Setting	1 – 9 (9 = Highest)
Brightness	Variable 0~100 / 0~100
Gain Control	Auto / Fixed 8~102db
Camera Functions	
Back Light Compensation	Yes
Day / Night	Yes; IR cut filter
16:9 Corridor Mode	Yes
ROI	Yes
Defog	Yes
Digital Noise Reduction	Yes; 3DNR
Privacy Masking	Yes; 5 user defined areas < 8% of total picture

Network	
Ethernet	1 (10/100 Base-T) RJ-45 Connector
TCP/IP	IPv4 / IPv6 (DHCP/Fixed)
Supported Protocols	HTTP, TCP/IP, UDP/IP, RTSP, FTP, DHCP, NTP, PPoE, NTP, Unicast and multicast supported

General Information	
Temperature	14°F to 131°F (-10°C to 55°C)
Humidity	85% RH Max
Approvals	FCC, CE, RoHS, IP66, IK10
Dimensions	4.5" x 4" (120 x 105.5 mm)
Weight	1.54lb. (0.70kg)

Line Drawing



Accessories

CDAJB10	Junction Box
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Specifications and design are subject to change without notice. Conversions: 1" = 25.4mm Measurement conversions are approximate.