

**8 Megapixel Network
IR Bullet Camera****Description:**

The CBI8D33IW DirectNET Bullet camera provides high quality video at 8 megapixel resolution. The infrared LEDs provide illumination for clear color image quality at night. The advanced H.265 codec allows for smaller recording file sizes and lower transmission bandwidth on your network.

Costar's DirectNET cameras have true plug-and-play capability with the XDi 20 and 25 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:

- Max. resolution 8 MP (3840 x 2160)
- 1/2.8" CMOS Progressive Scan image sensor
- 3.3 mm Fixed Lens
- True day / night with IR cut filter
- 4 IR LED's with a 65.6 ft (20 m) Range
- DirectNET protocol; iNEX™ protocol selectable
- Micro SD memory card supported
- Back Light Compensation (BLC)
- Digital Noise Reduction (DNR)
- True Wide Dynamic Range (TWDR)
- Multiple compression (H.265, H.264, MJPEG)
- IP67 weatherproof rated
- IK10 vandal resistant housing
- Power over Ethernet (PoE)
- NDAA Compliant

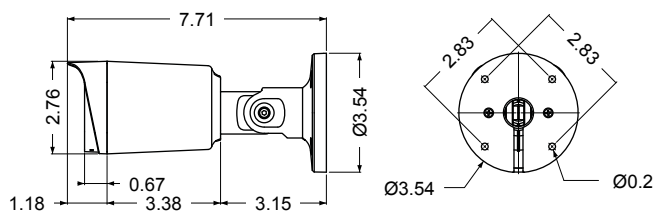
CBI8D33IW Specifications

Model	Lens	Resolution
CBI8D33IW	3.3 mm	8 MP (3840 x 2160)

Power	
Source	PoE
PoE	IEEE 802.3af Class 3
Consumption	9 W
Sensor	
Image Sensor	1/2.8" CMOS
Scanning Mode	Progressive Scan
Resolution	3840 x 2160
Lens Type	Fixed Iris
Lens Focal Length	f=3.3 mm
Aperture	F2.0
Iris Control	DC-Iris
IR LEDs	4 ea
IR Range	65.6 ft (20 m)
Minimum Illumination	0.2 Lux @ F2.0 (Color) 0 Lux @ (IR LED ON)
S/N Ratio	More than 45 dB
Dynamic Range	120 dB (True WDR)
Electronic Shutter	Auto / Manual: 1/30 ~ 1/10,000, Anti-Flicker, Slow Shutter (1~1/5, 1/7.5, 1/15)
Viewing Angle	101.3°(H), 54.5°(V), 119.7°(D)
CVBS Video Output	—
Camera Functions	
Alarm In/Out	Input 1 ea / Output 1 ea
Auto Exposure	Yes
Auto White Balance	Yes
Back Light Compensation	On / Off
Day / Night	IR Cut Filter with Auto Switch
Digital Noise Reduction	Configurable 2DNR / 3DNR
Event Buffering	Up to 60MB
Event Notification	Remote S/W, Email (with image)
Video Analytics	Video Motion Detection, Active Tampering Alarm, Trip Zone
Event Trigger	Motion Detection, Alarm in, Tampering, Trip Zone
Motion Detection	Motion Adaptive Transmission (MAT)
Privacy Masking	8 Zones
Mounts	
CBJBD11	Junction Box

Camera Functions		
	DirectNET Mode	iNEX™ Mode
Video Compression	H.265, H.264(MP) , M-JPEG	
Intelligent Codec	Supported	
Video Resolution	3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360	3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360
Max Frame Rate	30ips : 3840 x 2160; 15ips : 3840 x 2160(WDR)	
Bitrate	Up to 18Mbps	
Bitrate Control	Constant Bitrate / Variable Bitrate	
Edge Storage	micro SD/SDHC/SDXC (512GB)	
Streaming Video	Quadruple	
Camera Protocol	DirectNET	iNEX, ONVIF Profile S (2.4)
Security	SSL Encryption	Multi-user Authority, HTTPS, SSL Encryption, IP Filtering
Remote Access Client	DirectNET NVR Connection	iNEX VMS, StarNET, StarNET Mobile
Network Protocols	DirectNET	RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SMTP, FEN, mDNS, UPnP

General Information	
Vandal Proof & Environmental Rating	IK10; IP67
Approvals	FCC, CE, KC
Humidity	0% ~ 90%
Temperature	-4°F ~ +131°F (-20°C ~ +55°C)
Dimensions (H x W x L)	2.76" x 2.95" x 7.71" (Max Length with Sun Shield) (70 mm x 75 mm x 195.8 mm)
Weight	1.44 lbs (0.655 kg)
Dimensions (in)	



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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v1.2