

5MP IR Vandal Bullet Camera

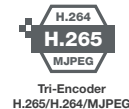
5 Megapixel (MP) H.265/H.264 All-in-One Fixed Lens True Day/Night Indoor/Outdoor Bullet-Style IP Camera with True Wide Dynamic Range (T-WDR), Digital Noise Reduction (DNR), and Backlight Compensation (BLC)



The CBI5D4IW DirectNET Bullet camera provides high quality video at 5 megapixel resolution. The infrared LEDs provide illumination for clear 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 StarNET XD1 20 and 25 Series, StarNET PRO 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.



Series Features

- 5MP (2594 x 1944) Resolution
- 1/2.8" CMOS Progressive Scan image sensor
- 4.0mm Fixed Lens
- True day / night with IR cut filter
- 4 IR LEDs with a 98.4ft (30m) Range
- DirectNET protocol
- MicroSD memory card supported
- Back Light Compensation (BLC)
- Digital Noise Reduction (DNR)
- True Wide Dynamic Range (T-WDR)
- Multiple compression (H.265, H.264, MJPEG)
- IP67 weatherproof rated with heater
- IK10 vandal resistant housing
- Power over Ethernet (PoE)
- NDAA Compliant

Camera Imaging Specifications

Model		CBI5D4IW
Image Sensor		Sony IMX415 CMOS Progressive Sensor
Optical Format		1/2.8"
Minimum Illumination	Color (Day Mode)	0.15 Lux @ F2.15
	B/W (Night Mode)	0 Lux (IR LED On)
Full FOV Resolution		2592 H x 1944 V
Scaling <small>(See Scaling Resolutions Below)</small>		Yes
IR Illumination		Yes
Dynamic Range		120dB (True WDR)
Frame Rates*	Single Stream	Up to 30fps (5MP)
Lens	Fixed Iris	4.0mm, F2.15, H-FOV = 79.2°, V-FOV = 56.6°, D-FOV = 103°, IR Corrected

Programmability

Optics	Fixed-focal
S/N Ratio	More than 45dB
Noise Reduction	3D Noise Reduction
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/10,000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)
Privacy Masking	8 Zones
Mirroring / Pivot	Horizontal / Vertical / Pivot
Backlight Compensation	Off / On
Scaling	4:3: 2592x1944, 1920x1440, 1280x960x 640x480 16:9: 2592x1456, 1920x1080, 1280x720, 640x360
Wide Dynamic Range	120dB True WDR
Image Settings	Exposure, White Balance, Self-Adjusting Video Mode (Sharpness, Contrast, Colors, Brightness Control)
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone
On-Screen Display (OSD)	Date / Time / Custom Text

Data Transmission

Compression Type	H.265, H.264 (MP), Motion JPEG
Compression Level	Basic, Standard, High, Very High
Bit Rate Control	Constant Bitrate / Variable Bitrate
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)
Intelligent Codec	Supported
Motion Adaptive Transmission (MAT)	Off / On
Transmission Protocols	DirectNET 2.0 Protocol, IPv4, IPv6, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SMTP, FEN, mDNS, UPnP, SNMPv2
Security	SSL Encryption, Multi-user Authority, IEEE 802.1x, IP Filtering, HTTPS
Network Interface	10/100Base-T Ethernet network interface, RJ45
Multi-Streaming	Quadruple
Remote Access Client	DirectNET NVR Connection, StarNET Web, StarNET Mobile, StarNET PRO

Event Management

Event Trigger	Motion Detection, Alarm in, Audio detection, Tampering, Trip Zone
Notifications	Remote S/W, Email (with Image)

Compliance

IP Camera Protocols	DirectNET 2.0, ONVIF Profile S conformant
Approvals	FCC, CE, KC
Mechanical	IK-10, IP67

Environmental

Operating Temperature	-22°F (-30°C) to + 131°F (55°C)
Humidity	0% to 90% RH
Boot-Up Temperature	32°F (0°C) to + 131°F (55°C)

General Electrical

Alarm Input/Output	1 TTL input / 1 open collector output	
Power	PoE IEEE 802.3af (Class 3)	
Power Consumption	PoE	7.9W

IR Illuminator

LEDs	4pcs
Projection Distance	98.4ft (30m) max

Audio Electrical

Streaming	Two-way
Compression	ADPCM 16K, G.726, G.711 μ-Law, G.711 a-Law
Input/Output	Line in / Line output

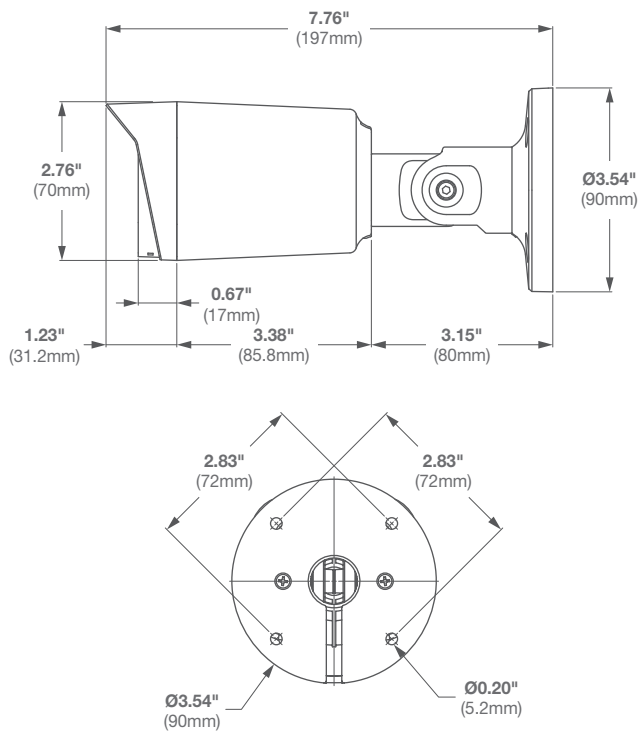
Mechanical

Casing	IP67 weather proof standard	
	Impact resistant, IK-10 rated	
Mount	Easily adjustable 3-axis	
Dimensions <small>(See Dimensions)</small>	Unit	2.76" H (70mm) x 2.95" W (75mm) x 7.76" D (197mm)
Weight	Unit	1.46lbs (0.66kg)
On Board Storage	MicroSDXC slot up to 512GB (card not included)	

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Ordering Information

Dimensions



Model Numbers

5MP	CBI5D4IW	WDR
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Accessories (Sold Separately)

CBJBD11	Junction Box
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