

ICR-B4732Z

4MP HD Bullet Network Camera



- 1/3" 4 Megapixel progressive CMOS
- H.265+ & H.265 dual-stream encoding
- 20fps@4MP(2560×1440)
& 25/30fps@3M(2304×1296)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- 2.8~12mm varifocal lens
- Max IR LEDs Length 60m
- Micro SD card memory, IP67, PoE

System Overview

A favorite powered zoom bullet camera, now available in the EDGE lineup - the ICR-B4732Z.

The ICR-B4732Z is a 4MP Day/Night with a 2.7mm ~ 12mm varifocal lens. The camera itself supports H264 compression and True Day/Night viewing at up to 30 meters. It's IP67 weather rated as well as PoE.

*All Edge series products come with a 3 year limited warranty

Functions

Smart Codec (H.265+ & H.264+)

Smart Codec is the optimized implementation of standard video compression (H.265 & H.264) that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart Codec technology reduces bit rate and storage requirements by up to 70% when compared to the standard video compression.

True Day/Night

A day/night mechanical IR cut filter makes this camera ideal for applications with fluctuating lighting conditions, delivering color images during the day and automatically switching to monochrome as the scene darkens.

Smart IR

With IR illumination, detailed images can be captured in low light or total darkness. The camera's Smart IR technology adjusts to the intensity of camera's infrared LEDs to compensate for the distance of an object. Smart IR technology prevents IR LEDs from whiting out images as they come closer to the camera. The camera's integrated infrared illumination provides high performance in extreme low-light environments up to 60m (197ft).

Environmental

With a temperature range of -30 °C to +60 °C (-22 °F to +140 °F), the camera is designed for extreme temperature environments. Subjected and certified to rigorous dust and water immersion tests, the IP67 rating makes it suitable for demanding outdoor applications. For environments with rain, sleet, snow and fog, an integrated wiper provides users with clear visibility at all times.

Protection (IP67, wide voltage)

The camera allows for ±25% input voltage tolerance, suitable for the most unstable conditions for outdoor applications. Its 2KV lightning rating provides effective protection for both the camera and its structure against lightning. Subjected and certified to rigorous dust and immersion tests (IP67).

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) specifications, ensuring interoperability between network video products regardless of manufacturer.

Technical Specification

Camera

Image Sensor	1/3" 4 Megapixel progressive CMOS
Effective Pixels	2560(H)x1440(V)
RAM/ROM	256MB/16MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s
Minimum Illumination	0.05Lux/F1.8(Color,1/3s,30IRE) 0.3Lux/F1.8(Color,1/30s,30IRE) 0Lux/F1.8(IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 60m(197ft)
IR On/Off Control	Auto/ Manual
IR LEDs	4

Lens

Lens Type	Motorized				
Mount Type	Board-in				
Focal Length	2.8mm~12mm				
Max. Aperture	F1.8				
Angle of View	H:94°~33°, V:51°~19°				
Optical Zoom	4x				
Focus Control	Fixed				
Close Focus Distance	0.2m(0.66ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	216.5ft	86.6ft	43.3ft	21.7ft
	T	656.2ft	262.5ft	131.2ft	65.6ft

Pan/Tilt/Rotation

Pan/Tilt/Rotation Range	Pan:0° ~360° ;Tilt:0° ~90° ;Rotation:0° ~360°
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Intelligence

IVS	N/A
Advanced Intelligent Functions	N/A

Video

Compression	H.265/H.264/H.264B/MJPEG(Sub Stream)
Streaming Capability	2 Streams
Resolution	4M(2560x1440)/3M(2304x1296)/1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/VGA(640x480)/D1(704x576/704x480)/CIF(352x288/352x240)
Frame Rate	Main Stream: 4M(1 ~ 20fps)
	Sub Stream: D1(1 ~ 25/30fps)
	N/A
Bit Rate Control	CBR/VBR
Bit Rate	H.265: 6K~ 6144K H.264: 16K~6144K
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / DWDR
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR

Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization (EIS)	N/A
Smart IR	Support
Defog	N/A
Digital Zoom	16x
Flip	0° / 90° / 180° / 270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

Audio

Compression	N/A
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Network

Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;RTCP;UDP;SMTP;FTP;DHCP;DNS;DDNS;PPPoE;IPV4/V6;QoS;UPnP;NTP;Bonjour;IEEE802.1X;Multicast;ICMP;IGMP;TLS;SSH
Interoperability	ONVIF Profile S&G, API
Streaming Method	Unicast / Multicast
Max. User Access	10 Users/20 Users
Edge Storage	NAS(Network Attached Storage) Local PC for instant recording Micro SD Card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	SmartICRSS, DSS
Smart Phone	IOS, Android

Certifications

Certifications	CE: (EN 60950:2000);FCC: FCC Part 15 Subpart B
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Interface

Video Interface	N/A
Audio Interface	N/A
RS485	N/A
Alarm	N/A

Electrical

Power Supply	DC12V, PoE (802.3at)
Power Consumption	DC12V: 1.8W, 8.2W(IR On);PoE: 2.2W, 9.8W(IR On)

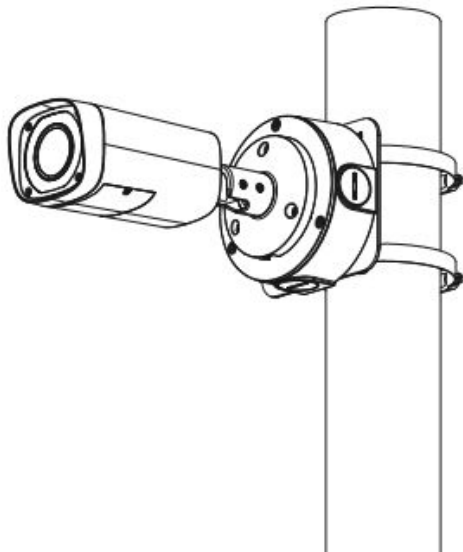
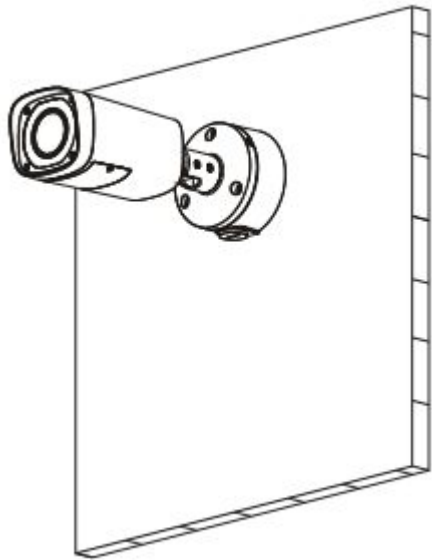
Environmental

Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	N/A

Construction

Casing	Metal
Dimensions	244.1mmx79mmx75.9mm (9.61"x3.11"x2.99")
Net Weight	0.84kg (1.85lb)
Gross Weight	1.05kg (2.31lb)

Accessories



Dimensions (mm/in)

