



IP4MIBC-212-SDAI-NCV

4MP NDAA Compliant Network IR Varifocal Bullet Camera



4MP IP

Capture HD video footage with 4MP IP 2.7 ~ 13.5MM variable focus lens with a maximum aperture of F1.2



164FT IR

High powered night vision with a minimum illumination of 0.002 LUX and IR.



98.2° ~ 31.3° View

Capture even more with an ultra-wide varifocal 98° view with no distortion.



Smart Intrusion Prevention

Accurately reduce false alarms with custom zones with human and vehicle detection.



Face Detection

Detect human faces and trigger snapshot, record, or alarm. Face Recognition available w/ compatible recorder.

SMART INTRUSION PREVENTION

Utilizing machine learning and data intelligence, Smart Intrusion Prevention or SIP helps reduce false-alarm rates by allowing you to set up Cross Line Detection, Intrusion Detection, as well as Enter / Leave Area, all which can do any combination of human/vehicle/non-motor vehicle recognition. Smart Intrusion Prevention's detection rate of >95% helps you improve your perimeter protection, reduce false alarms while keeping you informed about the events that matter the most to you.

UP TO 164FT IR DISTANCE

The IP4MIBC-212-SDAI-NCV is capable of producing a stunningly clear, colorful video with low illuminance enhancement for darker environments. In the darkest environments, on board IR illumination kicks in. The IP4MIBC-212-SDAI-NCV provides clear video capture in both day and night with high definition video output.

AUTOMATIC NETWORK REPLENISHMENT (ANR) TECHNOLOGY

The IP4MIBC-212-SDAI-NCV when connected to an ANR compatible Network Video Recorder will automatically store video data on the internal memory card when the network is disconnected. After recovery to the network, the NVR automatically retrieves the video data stored on the camera.

EDGE RECORDING

Optional edge recording with an memory card slot expandable up to 256GB.

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ULTRA MOTION DETECTION

Utilizing machine learning and data intelligence, Ultra Motion Detection or UMD helps you filter out object based on motion detection, detecting motion of specified object types in the image, and trigger an alarm when such motion is detected. UMD supports two different object types: Person and Vehicle. UMD provides a detection rate of >90% up to 49ft and is more efficient than traditional motion detection, further reducing false-alarms. Ultra Motion Detection can be configured to your full screen or area detection.

WIDE DYNAMIC RANGE

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology. For applications with both bright and low lighting conditions that change quickly, True WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

COMMERCIAL GRADE EQUIPMENT

Built for endurance, this all metal housing is rated IP67, which means it is protected from water and dust but is also vandal proof resistant rating of IK10. Mount this camera anywhere with it's 3-axis cable management bracket. Additional junction boxes and brackets are available for additional installation options, and help further protect your cables and connections.

NDAA COMPLIANCE

The John S. McCain National Defense Authorization Act (NDAA) is a United States federal law which specifies the budget, expenditures and policies of the U.S. Department of Defense. For Fiscal Year 2019, the NDAA Section 889, prohibits the U.S. government from procuring video and telecommunication equipment from certain Chinese companies and their subsidiaries. Some non government projects may require NDAA compliance if federal funding is being used.

PRODUCT SPECIFICATIONS

CAMERA					
Sensor		1/3", 4.0 Megapixel, progressive scan, CMOS			
Lens		2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.7mm	199.48ft	79.72ft	40.03ft	20.01ft
	13.5mm	996.72ft	398.62ft	199.48ft	99.74ft
Angle of view (H)		98.26° ~ 31.35°			
Angle of View (V)		54.76° ~ 18.55°			
Angle of View (O)		127.74° ~ 36.99°			
Adjustment Angle		Pan: 0° ~ 360°			
		Tilt: 0° ~ 90°			
		Rotate: 0° ~ 360°			
Shutter		Auto/Manual, shutter time: 1/1000000 s			

CAMERA CONT.	
Minimum Illumination	Color : 0.00 2 Lux (F1.2, AGC ON) 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>56 dB
IR Range	Up to 164ft IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Defog	Digital Defog
WDR	120dB

STORAGE	
Edge Storage	Memory Card, up to 256GB
Network Storage	ANR, NAS(NFS)

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PRODUCT SPECIFICATIONS CONT.

AUDIO	
Audio Compression	G.711
Two-Way Audio	Supported
Suppression	Supported
Sampling Rate	8KHZ

IMAGE	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal / Vertical / Horizontal / 180° / 90° Clockwise / 90° Anti-clockwise
Dewarping	N/A
HLC	Supported
DLC	Supported

VIDEO	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	<p>Main Stream: 4MP (2688*1520), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps;</p> <p>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;</p> <p>Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;</p>
Video Bit Rate	128 Kbps~16 Mbps
9:16 Corridor Mode	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas

NETWORK	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API

NETWORK CONT.	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	EZStation EZView EZLive
Web Browser	<p>Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below</p> <p>Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+</p>

INTERFACE	
Audio I/O	<p>1 Input: impedance 35kΩ; amplitude 2V [p-p]</p> <p>1 Output: impedance 600Ω; amplitude 2V [p-p]</p>
Alarm I/O	1/1
Network	1 RJ45 10M/100M Base-TX Ethernet

GENERAL	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 8.5W
Dimensions (Ø x H)	9.7" x 3.4" x 3.4"
Net Weight	2.03lb
Material	Metal
Working Environment	-22°F ~ 140°F, Humidity: ≤95% RH (non-condensing)
Storage Environment	-22°F ~ 140°F, Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	N/A

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ADDITIONAL PRODUCTS



OPTIVIEW VMX
Remote Monitoring



NVR16P164K-2-NCV
16 Channel 16 PoE 4K
NDAA Compliant NVR



IP4MIAB-212-SDAI-NCV
4MP Varifocal Armor Ball
IP Camera w/ Built-in Mic



IP5MIBC-28-SD-NCV
5MP Fixed IP Bullet
Camera w/ Built-in Mic



GMC-256GB
256GB Memory Card

DIMENSIONS

