



Optiview



IP4MIBC-28-SDA-NCV

4 Megapixel Fixed Lens IP Bullet Camera w/ Audio



4MP IP

Capture HD video footage with 4MP IP fixed lens with a maximum aperture of F1.6



UMD

Human and Vehicle detection accuracy enhanced by machine learning reducing false alarms and enhancing security.



164FT IR

High powered night vision with a minimum illumination of 0.003 LUX and IR.



101° View

Capture even more with an ultra-wide varifocal 101° view with no distortion.



Built-In Audio

The camera comes with an audio input cable to help you get even more data from every device.

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.

BUILT-IN AUDIO

The IP4MIBC-28-SDA-NCV comes with a built-in mic to help give you even more protection than a traditional still video.

EDGE RECORDING

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

AUTOMATIC NETWORK REPLENISHMENT (ANR) TECHNOLOGY

The IP4MIBC-28-SDA-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.

UP TO 164FT IR DISTANCE

The IP4MIBC-28-SDA-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. This camera provides clear video capture in both day and night with high definition video output.

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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.

ULTRA 265 COMPRESSION

Utilizing H.265 advanced video encoding, provides high-quality video while reducing the storage space needed to retain your video events. Users can add their own memory card to take advantage of its edge recording capabilities.

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.

COMMERCIAL GRADE EQUIPMENT

Built for endurance, this all metal housing is rated IP67, which means it is protected from water and dust. 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.

PRODUCT SPECIFICATIONS

CAMERA	
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS
Minimum Illumination	Color: 0.003 Lux (F1.6, AGC ON) 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto / Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
S/N	>56dB
WDR	120dB

LENS	
Lens Type	2.8mm @ 1.6, Fixed-Focal
Lens Mount	M12
Angle of View	101.1° (H), 55.3° (V), 111.1° (D)

DORI	
DORI Distance	Detect: 206.7 ft, Observe: 82.7 ft, Recognize: 41.3 ft, 20.7 ft

ILLUMINATOR	
IR Range	Up to 164ft IR range
Wavelength	850nm

ILLUMINATOR	
IR On/Off Control	Auto / Manual

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

VIDEO	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline Profile, Main Profile, High Profile
Frame Rate	Main Stream: 4MP (2688 * 1520), Max 25fps; 4MP (2560 * 1440), Max 25fps; 3MP (2304 * 1296), Max 30fps; 1080P (1920 * 1080), Max 30fps 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
Video Bit Rate	128 Kbps ~ 16 Mbps
U-code	Supported
9:16 Corridor Mode	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas

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PRODUCT SPECIFICATIONS CONT.

VIDEO	
ROI	Up to 8 areas
Motion Detection	Up to 4 areas

IMAGE	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2
Image Setting	Image Rotation, Brightness, Saturation, Contrast, Sharpness, Gain Adjustable by Web Browser
Digital Noise Reduction	2D / 3D DNR
Smart IR	Support
Flip	Normal / Vertical / Horizontal / 180° / 90° Clockwise / 90° Anti-Clockwise
Dewarping	N/A
HLC	Supported
BLC	Supported
Defog	Digital Defog

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

NETWORK	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF
Client	Optiview VMSN
Web Browser	Plug-in Required Live View: IE9+, Chrome 41 and below, Firefox 52 and Below
	Plug-in Free Live View: Chrome 57.0+, Firefox 58.0+, Edge 16+

INTERFACE	
Network	1 * RJ45 10M / 100M Base-TX Ethernet
Built-in Mic	Supported

CERTIFICATIONS	
EMC	FCC: FCC Part 15
Safety	CE: EN 60950-1 UL: UL60950-1 IEC 60950-1

GENERAL	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 6.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L x W x H)	7.5" x 2.9" x 2.8"
Weight	0.99lb
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	4kV
Reset Button	N/A
Ingress Protection	Ingression protection: IP67

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ADDITIONAL PRODUCTS



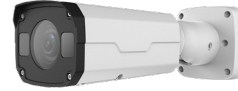
OPTIVIEW'S VIDEO MONITORING SOFTWARE
Remote Monitoring



NVR8P84K-2-NCV
NDAA Compliant
8 Channel 8 PoE 4K NVR



IP4MIAB-28-SDA-NCV
NDAA Compliant 4MP
Fixed Armor Ball w/ Audio



IP4MIBC-212-SDAI-NCV
NDAA Compliant 4MP
VF Bullet with AI & Mic



AP5G4
Pair of 5G Long Range
PTP Wireless Bridges

DIMENSIONS

