

## SIP44B5A/MZ-K 4 MP IR Varifocal Bullet Network Camera



### Key Features

1/2.5" Progressive Scan CMOS  
2688 × 1520 @30 fps  
2.8 to 12 mm motorized varifocal lens  
H.265+, H.265, H.264+, H.264  
4 Behavior analyses  
120dB WDR  
Powered by Darkfighter  
IR range: up to 50 m

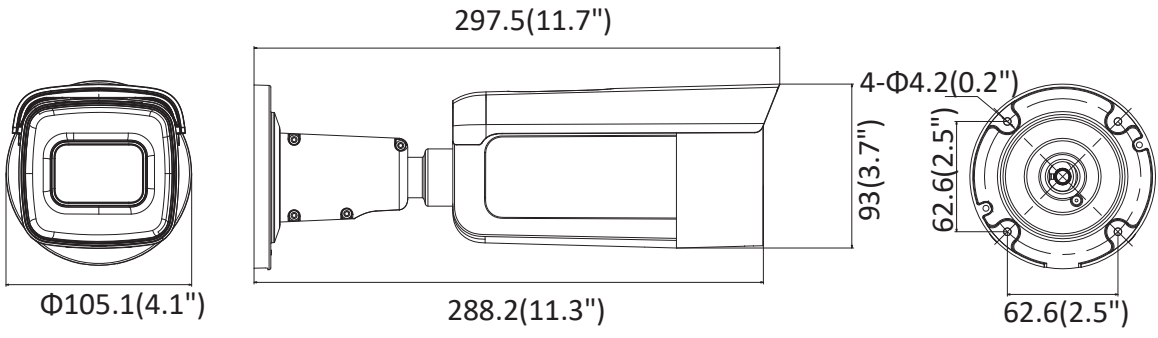
BLC/3D DNR/ROI/HLC  
IP67, IK10  
Built-in microSD/SDHC/SDXC card slot, up to 128 GB  
Color: 0.008 lux @(F1.2, AGC ON), 0.011 lux @(F1.4, AGC ON), 0 lux with IR

## Specifications

Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.008 lux @(F1.2, AGC ON), 0.011 lux @(F1.4, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Focal Length	2.8 to 12 mm
Lens Type	Motorized
Aperture	F1.4
Focus	Auto
FOV	2.8 mm to 12 mm, horizontal FOV: 114° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 141° to 36.5°
Lens Mount	Φ14
IR	
IR Range	Up to 50 m
Wavelength	850nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16 Mbps
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection
Exception Detection	Scene change detection
Face Detection	Yes
Region of Interest	Support 1 fixed region for main stream and sub-stream
Image	
Max. Resolution	2688 × 1520
Main Stream	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)
Sub-Stream	50Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25 fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30 fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR/HLC
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, and white balance adjustable by client

	software or web browser
Target Cropping	No
SVC	H.264 and H.265 encoding support
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by alarm in (-S)
<b>Network</b>	
Network Storage	Support microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	V5.5.80
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500
Web Browser	Plug-in required live view: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+
<b>Interface</b>	
Audio (-S)	1 input (line in), 1 output (line out), mono sound, terminal block
Alarm (-S)	1 input, 1 output (max. 12 VDC, 30 mA), terminal block
Video Output	1Vp-p Composite Output(75Ω) (For adjustment only)
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
<b>Audio (-S)</b>	
Environment Noise Filtering	Yes
Audio Sampling Rate	8kHz/16kHz/32kHz/44.1kHz/48kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
<b>General</b>	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Φ5.5mm coaxial power plug; PoE(802.3at, class 4)
Power Consumption and Current	12 VDC, 1.2 A, max. 14.4 W PoE (802.3at, 42.5V to 57V), 0.5 A to 0.3 A, max. 18 W
Protection Level	IP67, IK10
Material	Metal
Dimensions	Φ105.1 × 297.5 mm (Φ4.1" × 11.7")
Weight	Camera: Approx. 1335 g (2.9 lb.) With Package: 2004g (4.4lb.)

# Dimensions



Unit:mm(inch)