

4K 8MP HD AI Bullet Network 2.8-12mm Motorized Lens Camera

Model: iSMIRMVFB-4KAI



Motorized zoom lens: 2.8-12mm



Features:

- H .265+/H .265/H .264+/H .264/MJPEG coding
- Built-in mic
- Line crossing, region entrance/exiting/intrusion (human/motor vehicle/ non-motor vehicle classification)
- Target counting by line/area, heat map
- Face detection and face capture
- Abandoned/missing object detection/crowd density detection
- Max. resolution: 8MP (3840 × 2160)
- ICR auto switch, true day/night vision
- 3D DNR, true WDR, HLC, BLC and ROI coding
- 50~70m IR night view distance; Motorized zoom lens
- 1CH audio input; 1CH audio output; 1CH CVBS video output
- 1CH alarm input; 1CH alarm output
- Built-in micro-SD card slot, up to 256GB
- DC12V/PoE power supply
- Support three streams
- IP 67
- Support mobile surveillance by smartphones with iOS and Android OS
- Intelligent analytics
- 2.8-12mm motorized lens

Technical Specifications:

Model Specifications	iSMIRMVFB-4KAI
Camera	
Image Sensor	1 / 2.8 "CMOS
Image Size	3840×2160
Electronic Shutter	1/3 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.01 lux@F1 .4, AGC ON; 0 lux with IR
Lens	2. 8~12mm@F1 .4, motorized
Field of View	Horizontal: 97°~32°; Vertical:57°~18°; Diagonal: 115°~36°
Lens Mount	Φ14
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
S/N Ratio	≥ 50dB
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/ Main Profile/ High Profile
Resolution	8MP (3840 × 2160), 6MP(3072 × 2048), 5MP(2592 × 1944), 4MP(2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1 , CIF, 480 × 240
Main Stream	8MP/6MP/5MP/4MP/2K/3MP/ 1080P/720P (60Hz: 1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P(60Hz : 1 ~ 60fps; 50Hz: 1~50fps)
Sub Stream	1080P/720P/D1/480 × 240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)
Third Stream	720P/D1/CIF/480 × 240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 12Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A/ U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI is to be configured separately.
Interfaces	
Network	RJ 45 10M/100M self-adaptive Ethernet port CVBS
Video Output	output (BNC×1)
Audio	1CH audio input; 1CH audio output; 1 CH built-in MIC
Storage	Built-in micro-SD card slot; up to 256GB
Reset	Yes
Alarm	1CH alarm input; 1CH alarm output
Intelligent Analytics (Smart Events)	
Perimeter Protection	Line crossing, region entrance/ exiting/ intrusion (human/ motor vehicle/ non- motor vehicle classification)

Statistics	Target counting by line/area, heat map			
Exception Detection	Scene change, video blur, and abnormal color detection			
Face Detection	Face detection and face capture			
Other Events	Abandoned/missing object detection/crowd density detection			
Video Metadata	Simultaneously, it captures the human body, motor vehicle, and non-motor vehicle and extracts 13 human features, five motor vehicle features, and one non-motor vehicle feature.			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8~12mm(W)	80m(262ft)	32m(105ft)	16m(52ft)	8m(26ft)
2.8~12mm(T)	273m(896ft)	109m(358ft)	55m(180ft)	27m(89ft)
Functions				
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP			
Web Browser	IE11(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real-time transmission			
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, HTTP POST, QoS			
Interface Protocol	ONVIF			
Storage	Network remote storage; micro-SD card storage			
Smart Alarm	Motion detection; sensor alarm, SD card error; SD card full, IP address conflict, cable disconnection			
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern			
Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPs			
PoE	Yes, IEEE802.3af			
IR Distance	50~70m			
Ingress Protection	IP67&IK10			
Others				
Power Supply	DC12V/ PoE			
Power Consumption	< 12W			
Storage Conditions	-30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)			
Operating Conditions	-30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)			
Dimensions (mm)	278.3 × 100.2 × 88.7			
Weight (net)	Approx. 1.04KG			
Installation	Ceiling mounting; Wall mounting			
Certificate	CE, FCC, UL			
Environmental Protection	Directive EU RoHS, WEEE (2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)			