

EB5541-M-AS

5MP WizMind Fisheye Network CAMERA



Functions

Smart H.265+ & Smart H.264+

With advanced scene-adaptive rate control algorithm, smart encoding technology realizes the higher encoding efficiency than H.265 and H.264, provides high-quality video, and reduces the cost of storage and transmission.

Heat Map

Heat map technology is used to display the crowd density and people appearance probability. Display the crowd status by different colors. Generally, the crowd status is the statistics of people quantity in space and time dimensions.

In Area No

With advanced stereo image technology and deep learning algorithm, In Area No. technology recognizes human targets accurately to count people in area in real-time. You can set people quantity threshold, when the number larger or smaller than the threshold, it triggers linkage. It is applicable in the scene that has limit on people quantity

True WDR

With advanced Wide Dynamic Range (120dB WDR) technology, network camera provides clear details in the environment of strong brightness contrast. The bright and dark area can get clear video even in high brightness environment or with backlight shadow.

Cyber Security

Network camera is equipped with a series of key security technologies, such as security authentication and authorization, access control, trusted protection, encrypted transmission, and encrypted storage, which improve its security defense and data protection, and prevent malicious programs from invading the device.

Protection (IP67, IK10, wide voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dust-proof function, and the enclosure can works normal after soaking in 1 m deep water for 30 minutes.

IK10: The enclosure can stand the punch more than 5 times from a 5 kg hammer falling from a height of 40 cm (Impact energy is 20J).

Wide voltage: The camera allows $\pm 30\%$ (for some power supplies) input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

Camera				
Image Sensor	1/2.7"5Megapixel Progressive CMOS			
Max. Resolution	2592 (H) × 1944 (V)			
ROM	128 MB			
RAM	512 MB			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s			
Min. Illumination	0.006 Lux@F2.0 (Color, 30IRE)			
S/N Ratio	> 56 dB			
Pan/Tilt/Rotation Range	Pan: 0°–355°			
	Tilt: 0°–55°			
	Rotation: 0°–360°			
Lens				
Lens Type	Fixed-Focal			
Mount Type	M12			
Focal Length	1.4 mm			
Max. Aperture	F2.0			
Field of View	Horizontal: 180°			
	Vertical: 180°			
	Diagonal: 180°			
Iris Type	Fixed			
Close Focus Distance	0.2 m (0.7 ft)			
DORI Distance	Detect	Observe	Recognize	Identify
	28 m	11.2 m	5.6 m	2.8 m
	(91.9 ft)	(36.7 ft)	(18.4 ft)	(9.2 ft)
Smart Event				
Heat Map	Yes			
Professional, intelligent				
IVS (Perimeter Protection)	Tripwire; Intrusion			
People Counting	Support People Counting In Area, and Displaying and Outputting Yearly/Monthly/Daily Reports (Matching Devices are Needed); Support People Counting in 4 Areas			
Intelligent Search	Work Together with Smart NVR to Perform Refine Intelligent Search, Event Extraction and Merging to Event Videos.			
Video				
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (Only Supported by the Sub Stream)			
Smart Codec	Smart H.265+ / Smart H.264+			
Video Frame Rate	Main Stream (2592 × 1944 @1–25/30 fps)			
	Sub Stream (704 × 576 @1–25 fps/704 × 480 @1–30 fps)			
	Third Stream (1280 × 720 @1–25/30 fps)			
Stream Capability	3 Streams			

Video	
Resolution	5M (2592 × 1944); 3M (2048 × 1536); UXGA (1600 × 1200); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 3 kbps–8192 kbps H.265: 3 kbps–8192 kbps
Day/Night	Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
Scene Self-Adaptation (SSA)	Yes
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual/Regional Custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	OFF/ON (4 Areas)
Region of Interest (RoI)	Yes (4 Areas)
Privacy Masking	4 Areas
Audio	
Built-In MIC	Yes
Audio Compression	PCM; G.711a; G.711Mu; G726
Alarm	
Alarm Event	No SD Card; SD Card Full; SD Card Error; Service Life Warning (Supported by Dahua Card); Network Disconnection; IP Conflict; Illegal Access; Motion Detection; Video Tampering; Tripwire; Intrusion; Scene Changing; Audio Detection; Voltage Detection; External Alarm; People Counting in Area; Stay Alarm; People Counting; People No. Exception Detection; Safety Exception
Network	
SDK and API	Yes
Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; SNMP
Cyber Security	Video Encryption; Firmware Encryption; Configuration Encryption; Digest; WSSE; Account Lockout; Security Logs; IP/MAC Filtering; Generation and Importing of X.509 Certification; Syslog; HTTPS; 802.1x; Trusted Boot; Trusted Execution; Trusted Upgrade
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P
User/Host	20 (Total Bandwidth: 64 M)
Storage	FTP; SFTP; Micro SD Card (Support Max. 256 G); NAS
Browser	IE: IE8, IE9 and IE11 Chrome Firefox
Management Software	Smart PSS; DSS; DMSS
Mobile Phone	IOS; Android
Port	
Audio Input	1 Channel (RCA Port)
Audio Output	1 Channel (RCA Port)
Alarm Input	1 Channel In: 5mA 3V–5V DC
Alarm Output	1 Channel Out: 300mA 12V DC
Power	
Power Supply	12V DC/PoE

Power	
Power Consumption	Basic Power Consumption: 3.7W (12V DC); 4.7W (PoE)
	Max. Power Consumption (H.265 + Intelligent Function + WDR): 5.1W (12V DC); 6W (PoE)
Environment	
Operating Conditions	-30°C to +55°C (-22°F to +131°F)/Less Than 95% RH
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IP67; IK10
Structure	
Casing	Metal
Dimensions	62.0 mm × Φ110.0 mm (2.44" × Φ4.3")
Net Weight	387 g (0.9 lb)
Gross Weight	502 g (1.1 lb)

Dimensions (mm[inch])

