Eyemax E5722 | 5MP Night Color Outdoor IR Dome Network Camera, Fix Lens, Siren & Light Active Deterrence, Smart Dual Light, 165ft IR Range, AI Series, True WDR (120dB)





5MP, 1/2.7" CMOS image sensor, low illuminance, high image definition • Outputs max. 5MP (2592 × 1944) @20 fps, and supports 2688 × 1520@25/30 fps • H.265 CODEC, high compression rate, ultra-low bit rate • Built-in high-efficiency warm light and IR LED, and Max. IR distance: 50 m • ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments. • Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes. • Intelligent detection: Intrusion, tripwire, fast moving (the three functions support the classification and accurate detection of vehicle and human), abandoned object, missing object, loitering detection, people gathering, parking detection, heat map and face detection. • Abnormality detection: Motion detection, video tampering, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection. • Sound and light alarm linkage. When the alarm is triggered, the sound and light will be linked.

Mount Accessories

Wall Mount Bracket	**CWB-E203W**
Junction Box	**CJB-E137**

WizMind is a full portfolio of solutions composed of project-oriented products including IPC, NVR, PTZ, XVR, Thermal and software platform which adopts industry-leading deep learning algorithms. Focusing on customer's requirements, WizMind provides precise, reliable and comprehensive AI solutions for verticals.

Series Overview

With starlight solution and deep learning algorithm, WizMind 5 Series network camera has various intelligent functions, including face capture, perimeter protection and people counting, which greatly improve the accuracy of video analysis. The series camera supports dust- proof function, waterproof function and vandal-proof function, com- plying with the standards of IP67 and IK10 (Supported by some select models).

Smart Dual Illuminators

Smart Dual Illuminators technology adopts deep learning algorithm to detect targets. Usually, the IR illuminator is on at night; when the target appears in the monitoring area, the white light is on, and the camera records the full-color video and information of key events. That is, the camera links snapshot and video with full-color image. When the target is out of the monitoring area, the white light is off and the IR illuminator is on, which reduces light pollution efficiently.

Face Detection

Face Detection technology can detect the face in the image. With deep learning algorithm, the technology supports detecting, tracking, capturing and selecting the best face image, and then outputs face snapshot.

People Counting

With deep learning algorithm, People Counting technology can track and process moving human body targets to realize the accurate statistics of enter No., leave No., and In Area No. Working with management platform, it outputs yearly/monthly/weekly/daily reports to meet your requirements.

Siren And Light Active Deterrence

Siren and light active deterrence network camera supports the light alarm and voice alarm when perimeter event occurs, to realize the deterrence and effective intervention. The camera is built in multiple voices for selection, and supports customized voice importing.

One-tap Disarming

One-tap Disarming function, which is convenient and easy for operation, is the switch for event linkage. Customers can close and recover event linkage through mobile App, which meets multi-scenarios needs.

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 ±30% input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

FEATURES

- 5MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- Outputs max. 5MP (2592 × 1944) @20 fps, and supports 2688 × 1520@25/30 fps
- H.265 CODEC, high compression rate, ultra-low bit rate
- Built-in high-efficiency warm light and IR LED, and Max. IR distance: 50 m
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments.
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.
- Intelligent detection: Intrusion, tripwire, fast moving (the three functions support the classification and accurate detection of vehicle and human), abandoned object, missing object, loitering detection, people gathering, parking detection, heat map and face detection.
- Abnormality detection: Motion detection, video tampering, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection.
- Sound and light alarm linkage. When the alarm is triggered, the sound and light will be linked.

SPECIFICATIONS

Camera	
Image Sensor	1/2.7" 5 Mega-pixel progressive CMOS
Max. Resolution	2592 (H) × 1944 (V)

ROM	128 M
RAM	512 M
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.005 Lux
S/N Ratio	56 dB
Illumination Distance	30 m (98.4 ft)
Illuminator On/Off Control	Auto/Manual
Illuminator Number	2 (IR LED); 1 (Warm light)
Pan / Tilt / Rotation Range	Pan: 0°–355° Tilt: 0°–80° Rotation: 0°–355°
Lens	
Lens Type	Fixed-focal
Mount Type	M12
Focal Length	2.8 mm
Max. Aperture	F1.6
Field of View	Horizontal 98° × Vertical 71° × Diagonal 129°
Iris Type	Auto
Close Focus Distance	0.9 m (3.0 ft)
DORI Distance	Detect: 56.0 m (183.7 ft), Observe: 22.4 m (73.5 ft), Recognize: 11.2 m (36.7 ft), Identify: 5.6 m (18.4 ft)
Smart event	
IVS	Abandoned object; missing object
Heat Map	Yes
Professional, intelligent	
IVS (Perimeter Protection)	Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection
Face Detection	Face detection; track; optimization; snapshot; face enhancement; face exposure; face matting setting: face, single inch photo; three snapshot methods: real-time snapshot, optimization snapshot, quality priority; face angle filter; optimization time setting

People Counting	Support the counting of enter number, leave number and pass numbe, and displaying and outputting yearly/monthly/daily reports.support people counting in area,
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 H265+ / H264+
Video Frame Rate	PAL Main stream: 2592 × 1944 @1 ~ 20 fps/2688 × 1520 @1 ~ 25 fps Sub stream: 704 × 576 @1 ~ 25 fps Third stream: 1920 × 1080 @1 ~ 11 fps NTSC Main stream: 2592 × 1944 @1 ~ 20 fps/2688 × 1520 @1 ~ 30 fps Sub stream: 704 × 576 @1 ~ 30 fps Third stream: 1920 × 1080 @1 fps
Stream Capability	3 streams
Resolution	5M (2592 × 1944); 4M (2688 × 1520); 4M (2560 × 1440); 3M (2304 × 1296); 1080p (1920 × 1080); 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: 32 kbps–8192 kbps H.265: 12 kbps–8192 kbps
Day/Night	Auto (ICR) / Color / B/W
BLC	Yes
HLC	Yes
WDR	120 dB
Scene Self-adaptation	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)
Smart Illumination	Yes
Defog	Yes

Image Rotation	0° / 90° / 180° / 270°
Mirror	Yes
Privacy Masking	4 areas
Audio	
Built-in MIC	Yes
Audio Compression	PCM; G.711a; G.711Mu; G.726; AAC; MPEG2-Layer2; G.722.1; G.729; G.723
Alarm	
Alarm Event	No SD card; SD card full; SD card error; service life warning; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; fast moving; abandoned object; missing object; loitering detection; people gathering; parking detection; scene changing; audio detection; voltage detection; defocus detection; external alarm; face detection; people counting in area; stay alarm; people counting; people No. exception detection; safety exception; light alarm; sound alarm (21 built-in sounds and custom voices importing)s
Network	
Network	RJ-45 (10/100 Base-T)
SDK and API	Yes
Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec
User/Host	20 (Total bandwidth: 80 M)
Storage	Cloud (only supported by Dahua version); FTP; SFTP; Micro SD card (support max. 256 G); NAS
Browser	IE: IE8, IE9, IE11 Chrome Firefox
Management Software	Smart PSS; DSS; DMSS
Mobile Phone	IOS; Android
Certification	
Certification	CE-LVD: EN62368 ~ 1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950 ~ 1 CAN/CSA C22.2 No.60950 ~ 1-07

Port	
Audio Input	1 channel (RAC port)
Audio Output	1 channel (RAC 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 Consumption	<8.6W
Environment	
Operating Conditions	−40°C to +60°C (−40°F to +140°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	105 mm × Φ126 mm (4.1" × Φ5.0")
Net Weight	716.4 g (1.6 lb)
Gross Weight	929.7 g (2.0 lb)