EYEMAX | 5MP H.265+ Outdoor Fisheye Camera, True-WDR, 1.4mm Fixed Lens, Built-in Mic, UL-Listed, IP67, IK10, PoE or DC 12V

1/2.7" 5 Megapixel progressive scan CMOS • H.265 & H.264 triple-stream encoding • 25fps@5MP (2592×1944), 25/30fps@3MP (2048×1520) • Smart Detection supported • WDR(120dB), 3DNR, AWB, AGC, BLC • Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS • 1.4mm fish-eye fixed lens • Built-in Mic • Micro SD slot • IP67 • PoE

Overview

Eco-savvy products by upgrading H.265 encoding technology, bringing high efficient video compression. It

saves bandwidth and storage, energy-saving design to enhance the monitoring system. It provides excellent image quality and intelligent and efficient event reminders. This series provides IP67 waterproof protection feature. Give customers more value.

FEATURES

• **Intelligent Video System (IVS)**: With built-in intelligent video analytics, the camera has the ability to detect and analyze moving objects for improved video surveillance. The camera provides optional standard intelliegence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, ideal for business intelligence.

• **Environmental**: With a temperature range of -30 °C to +60 °C (-22 °F to +140 °F), the camera is designed for extreme temperature environments. The IP67 rating makes it suitable for demanding outdoor applications. For enviorments with rain, sleet, snow and fog, an integrated wiper provides users with clear visibility at all times.

• **Protection**: Supporting ±30% input voltage tolerance, this camera suits even the most unstable conditions for outdoor applications. Its 4KV lightning rating provides protectection against the camera and its structure from the effects of lightning.

• **Smart H.265+**: Deliver high quality video without straining the network, Smart H.265+ is the optimized implementation of H.265. The Smart H.265+ encoding technology includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing saving of up to 70% of bandwidth and storage when compared with standard H.265.

• **HEVC (H.265)**: H.265 ITU-T VCEG is a new video coding standard. H.265 Following standard developed around the existing video coding standard H.264, some retain the original technology, while some of the relevant technology to improve the new technology uses advanced technology to improve the relationship between the code stream, encoding quality, and the delay between algorithm complexity, optimize settings specific contents include : Improve compression efficiency, improve the robustness and error recovery capabilities, real-time to reduce the delay, reduce channel acquisition time and a random access delay, reduce complexity, etc.

SPECIFICATIONS

Camera	
Image Sensor	1/2.7" 5 Megapixel progressive scan CMOS
Effective Pixels	2592(H) × 1944(V)

RAM/ROM	512MB / 32MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3(4) ~ 1/100,000s
Minimum Illumination	0.02Lux / F1.6 (Color, 1/3s, 30IRE) 0.2Lux / F1.6 (Color, 1/30s, 30IRE) 0.05Lux / F1.6 (B/W, 1/3s, 30IRE) 0.5Lux / 1.6 (B/W, 1/30s, 30IRE)
S/N Ratio	More than 50dB
IR Distance	N/A
IR On/Off Control	N/A
IR LEDs	N/A
Lens	
Lens Type	Fixed
Mount Type	Board-in
Focal Length	1.4mm
Max. Aperture	F1.6
Angle of View	H: 180°, V: 180°
Optical Zoom	N/A
Focus Control	Fixed
Close Focus Distance	N/A
Dori Distance	
1.4mm	Detect: 28m(92ft) Observe: 11m(36ft) Recognize: 6m(20ft) identify: 3m(10ft)
Pan/Tilt/Rotation	
Pan/Tilt/Rotation Range	Pan: 0° ~ 355° / Tilt: 0° ~ 75° / Rotation:0° ~ 360°
Intelligence	
Advanced Intelligent Functions	Tripwire, Intrusion, Heat map
Video	
Compression	H.265+ / H.265 / H.264+ / H.264

Streaming Capability	5M(2592 × 1944) • 3M(2048 × 1536) • UXGA(1600 × 1200) • 1.3M(1280 × 960) • D1(704 × 576 • 704 × 480) • CIF(352 × 288 • 352 × 240)
Frame Rate	Main Stream: 5M(1 ~ 25fps) Sub Stream: D1(1 ~ 25/30fps)
Bit Rate Control	CBR / VBR
Bit Rate	H.264: 24 ~ 10240Kbps H.265: 14 ~ 9984Kbps
Day/Night	Electronic
BLC Mode	BLC / HLC / WDR
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual
Gain Control	Auto / Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization (EIS)	N/A
Smart IR	N/A
Defog	N/A
Digital Zoom	16x
Flip	N/A
Mirror	Off/On
Privacy Masking	Off / On (4 Area, Rectangle)
Audio	
Compression	G.711a / G.711Mu / AAC / G.726
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	10 Users / 20 Users

Edge Storage	NAS Local PC for instant recording Mirco SD card supports up to 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS, Easy4ip
Smart Phone	IOS, Android
Certifications	
Certifications	CE (EN 60950:2000) UL:UL60950 ~ 1 FCC: FCC Part 15 Subpart B
Interface	
Video Interface	N/A
Audio Interface	Built-in Mic
RS485	N/A
Alarm	N/A
Electrical	
Power Supply	DC12V, PoE (802.3af)(Class 0)
Power Consumption	<3.4W
Environmental	
Operating Conditions	−30° C ~ +60° C (−22° F ~ +140° F) / Less than 95% RH
Storage Conditions	−30° C ~ +60° C (−22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	IK08
Construction	
Casing	Metal
Dimensions	Φ110mm × 56mm (4.33" × 2.2")
Net Weight	0.38Kg (0.84lb)
Gross Weight	0.44Kg (0.97lb)