

5MP Lite IR Fixed Network Turret Camera

CODE: EAGLE-IPC-5-TUR-FG



- 5MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- Outputs 2688×1520 (2688×1520) @ 25/30 fps, and supports max. 5MP (2592×1944) @ 20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 30 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
- Supports max. 256 GB Micro SD card, built-in MIC
- 12V DC/PoE power support
- IP67 protection



System Overview

With upgraded H.265 encoding technology, this camera has efficient video encoding capacity, which saves bandwidth and storage space. This camera adopts the latest starlight technology and displays a colourful image in the environment of low illumination. It supports SD card storage, waterproof function, dust-proof function, complying to the standards of IP67.

Function

Smart (H.265+ & H.264+)

Adopting advanced algorithm of auto stream control according to the environment, smart encoding technology realizes the higher efficiency than (H.265 & H.264), providing high-quality video, and reducing the cost of storage and transmission.

Wide dynamic range (WDR)

This camera adopts advanced Wide Dynamic Range (WDR) technology. You can get clear details in the environment of strong brightness contrast. In high brightness and back-light environment, bright region and dark region with strong light source, you can also get clear images.

Starlight

Starlight technology mainly applies to the environment of low illumination, and it can provide clear colourful video. Even in the environment of min. illumination, the technology can guarantee the good image effect.

Intelligent Video Analysis (IVS)

With advanced video algorithm, this camera supports intelligent detection, such as tripwire and intrusion and so on.

Protection (IP67, wide voltage)

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

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

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Technical Specification					
Camera					
Image Sensor	1/2.7" 5Megapixel progressive CMOS				
Effective Pixels	2592 (H) × 1944 (V)				
ROM	128 MB				
RAM	256 MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s				
Min. Illumination	0.008 Lux @ F1.6				
IR Distance	30 m (98.43 ft)				
IR On/Off Control	Auto/Manual				
IR LEDs Number	2				
Pan/Tilt/Rotation Range	Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°				
Lens					
Lens Type	Fixed				
Mount Type	M12				
Focal Length	2.8 mm				
Max. Aperture	F1.6 F1.6				
Field of View	2.8 mm: Pan: 103.0° Tilt: 71.0° Diagonal: 132.0°				
Iris Type	Fixed aperture				
Close Focus Distance	2.8 mm: 0.9 m (2.95 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	56 m (183.73 ft)	22.4 m (73.49 ft)	11.2 m (36.75 ft)	5.6 m (18.37 ft)
Smart event					
General IVS Analytics	Tripwire; intrusion				
Video					
Video Compression	H.265; H.264; H.264B; MJPEG				
Smart Codec	Yes				
Video Frame Rate	Main stream: 2592 × 1944 (1 fps-20 fps) 2688 × 1520 (1 fps-25/30 fps) Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps)				
Stream Capability	2 streams				
Resolution	2592×1944(2592×1944); 2688×1520(2688×1520); 3M(2048×1536); 2304×1296(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)/Colour/B/W				
BLC	Yes				
HLC	Yes				
WDR	120 dB				
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom				
Gain Control	Auto/Manual				
Noise Reduction	3D DNR				
Motion Detection	OFF/ON (4 areas, rectangular)				
Region of Interest(Roi)	Yes (4 areas)				
Smart IR	Yes				
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 2688 × 1520 resolution and lower.)				
Mirror	Yes				
Privacy Masking	4 areas				
Audio					
Built-in MIC	Yes				
Audio Compression	G.711A; G.711Mu; G.726; AAC				
Network					
Network	RJ-45 (10/100 Base-T)				
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; PPPoE; 802.1x; Bonjour				
Interoperability	ONVIF(Profile S/Profile G/Profile T);CGI; P2P; Milestone; Genetec				
User/Host	20				
Edge Storage	Dahua Cloud; FTP; SFTP; Micro SD Card (support max. 256 GB); NAS				
Browser	IE Chrome Firefox				
Management Software	Smart PSS; DSS; DMSS				
Mobile Phone	IOS; Android				
Certification					
Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B				

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Power

Power Supply	12V DC/PoE (802.3af)
Power Consumption	< 7.2W

Environment

Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than ≤ 95%
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Protection	IP67

Structure

Casing	Metal
Dimensions	100.9 mm × Φ109.9 mm (3.97" × Φ4.33")
Net Weight	0.48 kg (1.1 lb)
Gross Weight	0.65 kg (1.4 lb)

Dimensions (mm[inch])

