ZUUM.

LSE8MPS2-IP-2.7-13.5-IR40
8MP WDR Starlight IR Eyeball Camera 2.7~13.5MM Motorized Lens

System Overview

This IP camera delivers 8MP resolution with a 2.7~13.5mm motorized lens. Attractive camera with easy mounting solutions provides a great choice for a variety of small to mid-size application like public safety, transportation, education and commercial buildings.

Features

- 1-2.7" 8 Megapixel progressive CMOS
- Up to H.265+ dual-stream encoding
- 8MP (3840 x2160)@ 15fps, max
- WDR (120dB), Starlight
- 2.7~13.5mm motorized lens
- IR up to 131' (40m)
- IVS: Intrusion, tripwire
- Abnormality detection
- Max 256 GB SD card option
- IP67, PoE

Functions

Smart H.265+ technology reduces bit rate and storage requirements by up to 70% when compared to standard H.264 video compression.

Wide Dynamic Range (WDR) The camera achieves vivid images, even in the most intense contrast lighting conditions. For applications with both bright and low lighting conditions that change quickly, true WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

Starlight technology helps provide clear colorful video at night or in low light environments.

The camera allows for ±30% input voltage tolerance, suitable for the most unstable conditions for outdoor applications. Subjected and certified to rigorous dust and immersion tests (IP67), the camera is the choice for installation in even the most unforgiving environments.

This camera operates in extreme temperature environments, rated for use in temperatures from -30° C to +60° C (-22° F to +140° F) with 95% humidity.

Image flip. Capturing unnecessary data such as surrounding hallway walls can increase storage requirements without any added value. The image flip feature allows the camera's image to be rotated in 90° increments for better video optimization.

Specifications

Camera

Image Sensor	1-2.7" 8 Megapixel CMOS
Effective Pixels	3840(H) x 2160(V)
RAM/ROM	256MB / 128MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/100,000s
Minimum Illumination	0.008 Lux/F1.5
IR Distance	Distance up to 131' (40m)
IR On/Off Control	Auto/Manual
IR LEDs	2
Pan/Tilt Range	Pan:0° ~360°; Tilt:0° ~78°; Rotation:0° ~360°

Lens

Lens Type	Motorized vari-focal
Mount Type	M14
Focal Length	2.7mm~13.5mm
Max. Aperture	F1.5
Field of View	Pan:113°-31°, Tilt:58°-17°, Diagonal:138°-36°
Iris Type	Fixed
Close Focus Distance	2.62'-2.62' (0.8m-0.8m)

DORI Distance *(estimate)	Lens	Detect	Observe	Recognize	Identify
	W	279'	111'	55'	27'
	T	918'	367'	183'	91'

Smart Event

IVS	Intrusion, tripwire

Video

Compression	H.265+/H.265, H.264+, H.264, MJPEG
Streaming Capability	2 Streams, (Main, Sub)
Resolution	3840 × 2160 (3840 × 2160); 3072 × 2048 (3072 × 2048); 3072 ×1728 (3072 × 1728); 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)
Frame Rate	Main stream: 3840 × 2160 (1 fps–15 fps) 2688 × 1520 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32Kbps ~ 8192Kbps H.265: 12Kbps ~ 8192Kbps
Day/Night	Auto (ICR)/Color/B/W
WDR	True WDR (120dB)
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	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

Compression	N/A

Network

Ethernet	RJ-45 (10/100Base-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
Max. User Access	20
Edge Storage	NAS, FTP, SFTP, Micro SD Card 256GB
Web Viewer	IE, Chrome, Firefox
Mgt. Software	Smart PSS, DSS, P2P
Smart Phone	iOS, Android

Certifications

Certifications	CE, UL, FCC

Drivers

Drivers/Profiles	Control 4, SAVANT, URC

Electrical

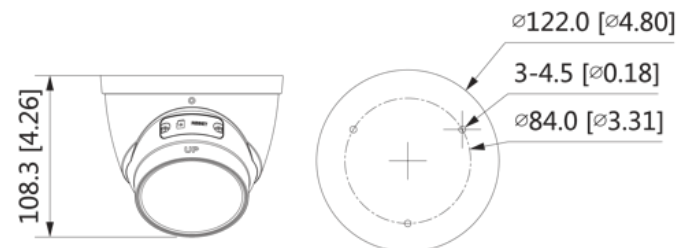|	
Power Supply	DC12V / PoE (802.3af)
Power Consumption	< 7.6W

Environmental

Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Storage Conditions	-40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67

Construction

Casing	Metal
Dimensions	4.26'' x ⌀4.80" (108.3mm×⌀122mm)
Net Weight	1.52lb (0.69Kg)
Gross Weight	1.94lb (0.88Kg)

Dimensions

ø122.0 [ø4.80]
3-4.5 [ø0.18]
ø84.0 [ø3.31]
108.3 [4.26]