

OS-I2-BENS4F-S-0280 | 84MP WDR IR Bullet Network Camera



- 4MP, 1/3" CMOS
- Outputs 4MP (2560 × 1440)@25/30fps, Max. supports
- 4MP (2688 × 1520)@20 fps
- H.265 codec, high compression ration, ultra-low bit rate
- Built-in IR LED, max IR distance: 30 m
- ROI, SMART H.264/H.265, flexible coding
- Rotation mode, WDR, 3D DNR, HLC, BLC,...
- Intelligent detection: Intrusion, tripwire
- Abnormality detection
- Supports max. 256 GB Micro SD card
- 12V DC/PoE power support
- IP67 protection grade



System Overview

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

Functions

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

Adopting advanced algorithm of auto stream control according to the environment, Osiris 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)

Osiris 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

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

Intelligent Video Analysis (IVS)

With advanced video algorithm, Osiris 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 works normal after soaking in 1m 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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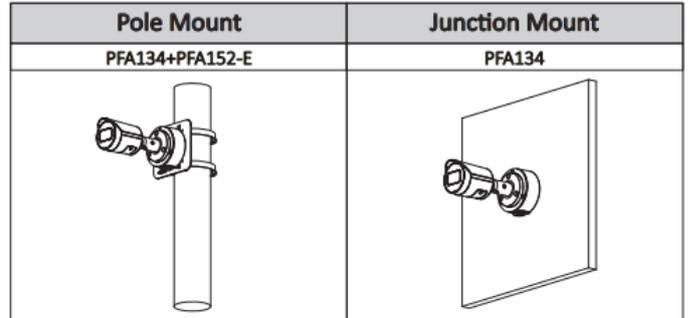
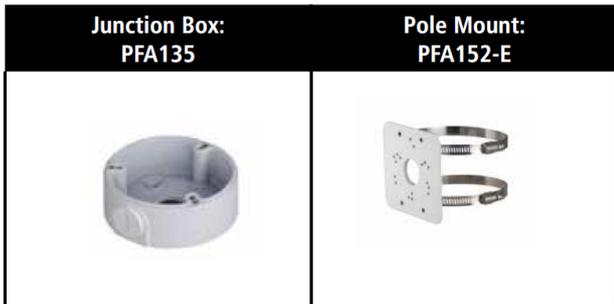
Technical Specifications

Camera	
Image Sensor	1/3" 4Megapixel progressive CMOS
Effective Pixels	2688 (H) × 1520 (V)
Ram/Rom	128MB
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	1
Lens	
Lens Type	Fixed-focal
Mount Type	M12
Focal length	2.8 mm, 3.6 mm
Max. Aperture	F1.6
Field of View	2.8 mm: Pan: 102.0° Tilt: 55.0° Diagonal: 121.0°
P/T/R Range	3.6 mm : Pan: 84.0° Tilt: 45.0° Diagonal: 100.0°
Iris Type	Fixed aperture
Close Focus Distance	2.8 mm: 0.9 m (2.95 ft) 3.6 mm: 1.6 m (3.61 ft)
Video	
Compression	H.265/H.264
Smart Codec	H: 8MP/6MP/5MP/4MP/3MP/1080P/720P/ D1&etc.
Main stream	80Mbps
Sub stream	16Kbps ~ 20Mbps Per Channel
Stream Capability	2 Streams
Resolution	2688×1520 (2688×1520); 2560×1440 (2560×1440); 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–6144 Kbps H.265: 12 Kbps–6144 Kbps
Day/Night	Auto(ICR)/Color/B/W
BLC/HLC	Yes
WDR	120 db

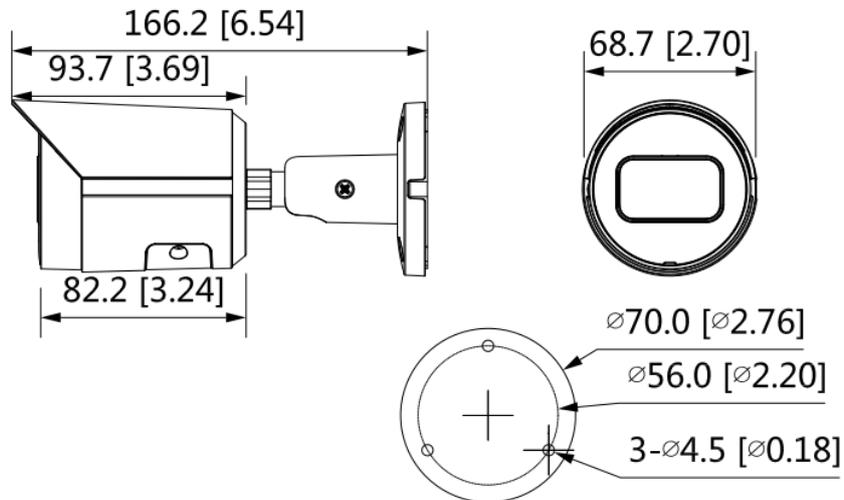
White Balance	Auto/natural/street lamp/outdoor/ manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	OFF/ON
ROI	Yes (4 areas)
Smart IR	Yes
Image Rotation	90°/270° with 1080p resolution
Mirror	Yes
Privacy Masking	4 areas
Smart event	
General IVS	Tripwire; intrusion
Network	
Network	1 RJ-45 port (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;CGI; P2P; Milestone; Genetec
User/Host	20
Edge Storage	Cloud; FTP; SFTP; Micro SD, NAS
Browser	IE, Chrome, Firefox
Software	Smart PSS; DSS; DMSS
Mobile Phone	IOS; Android
Certifications	
Certifications	CE-LVD: EN60950-1 CE-EMC: ECD 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07
Power	
Supply	12V DC/PoE (802.3af)
Consumption	< 5W
Environmental	
Operating Conditions	-40°C to +60°C (-40°F to +140°F)/ less than ≤ 95% RH
Storage	-40°C to +60°C (-40°F to +140°F)
Protection grade	IP67
Structure	
Dimensions	166.2mm×Φ70 mm (6.54"×Φ2.76")
Casing	Metal
Net Weight	0.48 kg (1.1 lb)
Gross Weight	0.57 kg (1.3 lb)

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Accessories



Dimensions (mm/inch)



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