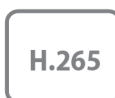


OS-I4-EEN4F-EMST-0280 | 4MP IR Eyeball Network Camera



- 1/3" 4Megapixel progressive scan CMOS
- H.265/H.264 triple-stream encoding
- 25/30fps@4M(2688×1520)
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Smart detection supported
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8mm fixed lens
- Built-in Mic
- Max. IR LEDs Length 50m
- Micro SD memory, IP67, PoE



System 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. Meanwhile, the series offers features such as starlight, Smart IR technology, intelligent image analysis techniques. It provides excellent image quality and intelligent and efficient event reminders. This series provides IP67 weatherproof and IK10 vandal-proof protection feature. Give customers more value.

Functions

ePoE technology

The ePoE technology adopts advanced 2D-PAM3 coding modulation from physical layer, and realizes full duplex transmission over 800 meters at the speed of 10Mbps, or 300 meters at the speed of 100Mbps via Cat 5 or coaxial cable media. Besides, it supports PoE and PoC power supply technology which has greatly simplified construction and wiring. Osiris ePoE technology offer a new way to accomplish long distance transmission between IP camera and network switch. It allows more flexible surveillance system design, improves reliability and saves construction and wiring cost.

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 intelligence 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, and Facial Detection, for searching or identification of individuals.

Wide Dynamic Range

Embedded with industry leading wide dynamic range (WDR) technology, vivid pictures are achieved even in the most intense contrast lighting conditions. For applications with both bright and low lighting conditions that change quickly, True WDR (120dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

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 camera complies to an IK10 impact rating making it capable of withstanding the equivalent of 55 kg (120 lbs) of force. Subjected and certified to rigorous dust and water immersion tests, the IP67 rating makes it suitable for demanding outdoor applications. For environments 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 protection 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.

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Technical Specifications

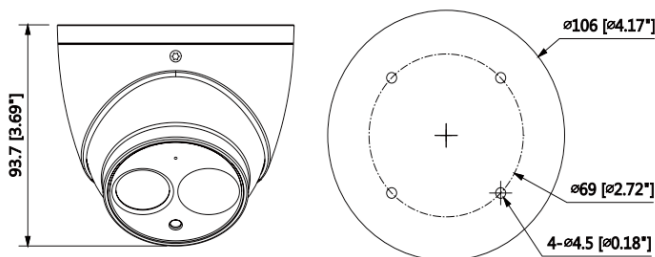
Camera			
Image Sensor	1/3" 4Megapixel progressive scan CMOS	Frame Rate	Main Stream: 4M(1~25/30fps)
Effective Pixels	2688(H)x1520(V)		Sub Stream: D1(1~25/30fps)
RAM/ROM	512MB/32MB		Third Stream: 720P(1~25/10fps)
Scanning System	Progressive	Bit Rate Control	CBR/VBR
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s	Bit Rate	H.264: 24K ~ 10240Kbps H.265: 14K ~ 9984Kbps
Minimum Illumination	0.06Lux/F1.6(Color,1/3s,30IRE) 0.3Lux/F1.6(Color,1/30s,30IRE) 0Lux/F1.6(IR on)	Day/Night	Auto(ICR) / Color / B/W
S/N Ratio	More than 50dB	BLC Mode	BLC / HLC / DWDR
IR Distance	Distance up to 50m (164ft)	White Balance	Auto/Natural/Street Lamp/Outdoor/ Manual
IR On/Off Control	Auto / Manual	Gain Control	Auto/Manual
IR LEDs	1	Noise Reduction	3D DNR
Lens		Motion Detection	Off / On (4 Zone, Rectangle)
Lens Type	Fixed	Region of Interest	Off / On (4 Zone)
Mount Type	Board-in	Electronic Image Stabiliza- tion (EIS)	N/A
Focal Length	2.8mm	Smart IR	Support
Max. Aperture	F1.6	Defog	N/A
Angle of View	H:104° (83°, 55°), V:58° (45°, 31°)	Digital Zoom	16x
Optical Zoom	N/A	Flip	0°/90°/180°/270°
Focus Control	Fixed	Mirror	Off / On
Close Focus Distance	1.1m	Privacy Masking	Off / On (4 Area, Rectangle)
Pan/Tilt/Rotation		Audio	
Pan/Tilt/Rotation	Pan:0°~360° Tilt:0°~78° Rotation:0°~360°	Compression	G.711a/ G.711Mu/ AAC/ G.726
Intelligence		Network	
IVS (optional)	Tripwire, Intrusion, Object Abandoned/ Missing	Ethernet	RJ-45 (10/100Base-T)
Advanced Intelligent Functions	Face Detection	Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP; Bon- jour; 802.1x; Multicast; ICMP; IGMP; SNMP
Video		Interoperability	ONVIF, PSIA, CGI
Compression	H.265+/H.265/H.264+/H.264	Streaming Method	Unicast / Multicast
Streaming Capability	3 Streams	Max. User Access	10 Users/20 Users
Resolution	4M(2688×1520)/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)	Edge Storage	NAS Local PC for instant recording Micro SD card 128GB
		Web Viewer	IE, Chrome, Firefox, Safari
		Management Software	Smart PSS, DSS, Easy4ip
		Smart Phone	IOS, Android

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Technical Specifications

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	<5.5W
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	N/A
Construction	
Casing	Metal
Dimensions	ø106mm×93.7mm (4.17"×3.69")
Net Weight	0.47Kg (1.04lb)
Gross Weight	0.65Kg (1.43lb)

Dimensions



Accessories (optional)

Junction Box:
OS-PFA130-E



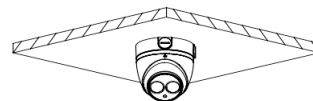
Wall Mount:
OS-PFB204W



Pole Mount:
OS-PFA152-E



Junction Mount:
OS-PFA130-E



Pole Mount:
OS-PFB204W + OS-PFA152-E



Wall Mount:
OS-PFB204W

