

PTZ-I2EN25-SLMP+ | 2MP 25x Starlight IR PTZ Network Camera


- 1/2.8" 2Megapixel STARVISTM CMOS
- Powerful 25x optical zoom
- Starlight technology
- Support H.265&H.264 Triple-streams encoding
- Max. 50/60fps@1080P, 25/30/50/60fps@720P
- IVS
- Support PoE+
- IR distance up to 100m
- IP66


System Overview

With powerful optical zoom and accurate pan/tilt/zoom performance, this PTZ camera can provide a large monitoring range and great detail. The camera delivers 1080P resolution at 50/60 fps, with 25x optical zoom, and has very excellent low light performance due to adopting the latest starlight technology. The PTZ-I2EN25-SLMP+ is equipped with smooth control, high quality image and good protection, which make it can meet small and medium size of video surveillance applications.

Functions
Starlight Technology

Thanks to our experience and expertise in hardware and software development, the camera is equipped with the latest image processing algorithm, high performance hardware and high quality optical components, which make the camera has very excellent low light performance. In most conditions, this camera can deliver clear, bright and low-noise color images.

High Efficiency Video Coding (H.265)

The H.265 (ITU-T VCEG) video compression standard offers double the data compression ratio at the same level of video quality, or substantially improved video quality at the same bit rate, as compared to older video compression technologies. H.265 offers such impressive compression by expanding the pattern comparison and difference-coding, improving motion vector prediction and motion region merging, and incorporating an additional filtering step called sample-adaptive offset filtering.

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 -40 °C to +70 °C (-40 °F to +158 °F), the camera is designed for extreme temperature environments. Subjected and certified to rigorous dust and water immersion tests, the IP66 rating makes it suitable for demanding outdoor applications.

Protection

This camera suits even the harsh conditions for outdoor applications. Its 6KV lightning rating provides protection against the camera and its structure from the effects of lightning.

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) and PSIA (Physical Security Interoperability Alliance) specifications, ensuring interoperability between network video products regardless of manufacturer

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Technical Specifications

Camera				
Image Sensor	1/2.8" STARVIST™ CMOS			
Effective Pixels	1920(H) x 1080(V), 2 Megapixels			
RAM/ROM	1024M/128M			
Scanning System	Progressive			
Electronic Shutter Speed	1/1s~1/300,000s			
Minimum Illumination	Color: 0.005Lux@F1.6; 0Lux@F1.6 (IR on)			
S/N Ratio	More than 50dB			
IR Distance	Distance up to 100m (328ft)			
IR On/Off Control	Auto/ Manual			
IR LEDs	6			
Lens				
Focal Length	4.8mm ~120mm			
Max. Aperture	F1.6 ~ F4.4			
Angle of View	H: 59.2° ~ 2.4°			
Optical Zoom	25x			
Focus Control	Auto/Manual			
Close Focus Distance	100mm~ 1000mm			
DORI Distance	Detect	Observe	Recognize	Identify
	1613m	646m	323m	161m
Pan/Tilt/Rotation				
Pan/Tilt/Rotation	Pan: 0° ~ 360° endless Tilt: -15° ~ 90° auto flip 180°			
Manual Control Speed	Pan: 0.1° ~200° /s Tilt: 0.1° ~120° /s			
Preset Speed	Pan: 240° /s; Tilt: 200° /s			
Presets	300			
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan			
Speed Setup	Human-oriented focal Length/ speed adaptation			
Power up Action	Auto restore to previous PTZ and lens status after power failure			
Idle Motion	Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period			
Protocol	DH-SD			
Intelligence				
Auto Tracking	N/A			
IVS	Tripwire, Intrusion, Abandoned/Missing, Face Detection			

Video	
Compression	H.265/H.264 / MJPEG
Streaming Capability	3 Streams
Resolution	1080P(1920×1080)/720P(1280×720)/D1(704×576/704×480)/CIF(352×288/352×240)
Frame Rate	Main Stream: 1080P/720P/D1(1~50/60fps) Sub Stream1: D1/CIF(1 ~ 25/30fps) Sub Stream2: 1080P/720P/D1/ CIF (1 ~ 25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.265/H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR(120dB)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto/Manual
Noise Reduction	Ultra DNR (2D/3D)
Motion Detection	Support
Region of Interest	Support
Electronic Image Stabilization (EIS)	N/A
Defog	Support
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas
Audio	
Compression	G.711a/G.711u(32kbps)/PCM(128kbps)
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	20 users
Edge Storage	NAS (Network Attached Storage), Local PC for instant recording, Micro SD card 128GB
Web Viewer	IE, Chrome, Firefox, Safari

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Technical Specifications

Management Software	Smart PSS, DSS
Smart Phone	IOS, Android
Certifications	
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB,ANSI C63.4- 2014 UL: UL60950-1+CAN/CSA C22.2,- No.60950-1
Interface	
Video Interface	N/A
Audio Interface	1/1
RS485	N/A
Alarm	2/1
Electrical	
Power Supply	DC 12V/3A, PoE+(802.3at)
Power Consumption	13W,20W (IR on)
Environmental	
Operating Conditions	-40°C ~ 70°C (-40°F ~ +158°F) / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Construction	
Casing	Metal
Dimensions	Φ160(mm) x 295(mm)
Net Weight	4kg(8.82lb)
Gross Weight	4.2kg(9.26lb)

Accessories (included)

Wall Mount:
OS-PFB305W

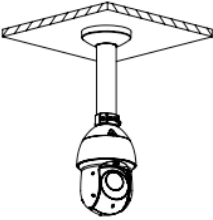

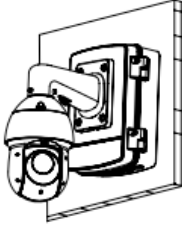

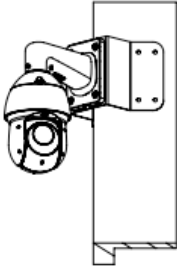
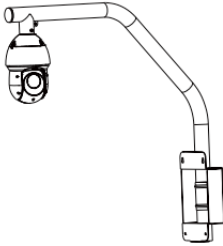


Accessories (optional)

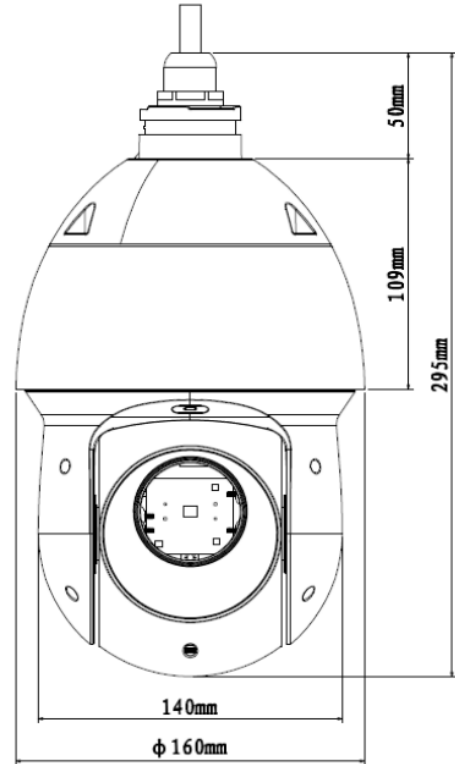
<p>Mount adapter: OS-PFA111</p>	<p>Power Supply: DC12V/3A</p>	<p>Power Box: OS-PFA140</p>
<p>Ceiling Mount: OS-PFB300C</p>	<p>Junction Box: OS-PFA120</p>	<p>Pole Mount: OS-PFA150</p>
<p>Corner Mount: OS-PFA151</p>	<p>Parapet Mount: OS-PFB303S</p>	

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Accessories

<p>Ceiling Mount: OS-PFA111 + OS-PFB300C</p> 	<p>Junction Mount: OS-PFB305W + OS-PFA120</p> 
<p>Power Box Mount: OS-PFB305W + OS-PFA140</p> 	<p>Pole Mount: OS-PFB305W + OS-PFA150</p> 
<p>Corner Mount: OS-PFB305W + OS-PFA151</p> 	<p>Parapet Mount: OS-PFA111 + OS-PFB303S</p> 

Dimensions (mm)



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