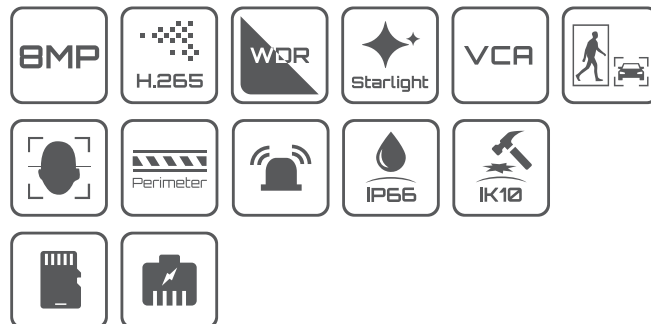


FX-PTZ-25X-4K-V3

8MP 25x IR Network Smart PTZ



This IR Network Smart PTZ which adopts SONY latest 4K images sensor, with high quality 25× optical zoom lens, could deliver top-notch 3840 × 2160 @ 30 fps image details over a wide open area. The H.265 video compression reduces bit rate down to 50% of H.264 without loss. With its built-in 1.5Tops AI engine, the PTZ camera could detect and classify max 15 objects per scene. When any of them intrude restricted area, the PTZ camera will trace, zoom fit in center of screen, snap and record and trigger alert. The gimbal rotation speed is improved for tracing fast object.



KEY FEATURES

- ▶ 1/2.8" SONY progressive scan CMOS
- ▶ Up to 3840 × 2160 resolution
- ▶ 25× optical zoom, fast and accurate and fast focusing
- ▶ Smart IR up to 492 ft (150 m), HDR, 3D DNR
- ▶ Smart H.265 / H.264+ / H.264
- ▶ Intelligent Video content analytics
- ▶ Smart tracking of human/vehicle
- ▶ Smart detection and perimeter protection
- ▶ ONVIF, API and SDK
- ▶ 12 V DC / PoE+
- ▶ IP66, IK10

Product Specifications

Camera	
Image Sensor	1/2.8" SONY progressive scan CMOS
Image Resolution	3840 (H) × 2160 (V)
Electronic Shutter	1 s ~ 1/100,000
Minimum Illumination	0.01 lux @ F1.65, AGC ON (Color)
	0.002 lux @ F1.65, AGC ON (B/W)
	0 lux with IR
Smart IR	Yes
S/N Ratio	≥ 55 dB
IR Distance	492 ft (150 m)
Lens Type	Focal lens
Iris Type	SC Iris
Focal Length	4.8 ~ 120 mm
Optical Zoom	25×
Angle of View	Horizontal: 55° ~ 2.4°
	Vertical: 33° ~ 1.4°
	Diagonal: 61.5° ~ 2.8°
Max. Aperture	F1.65
Pan / Tilt / Rotation	Pan: 360° endless; Tilt: -5° ~ 90°; Rotation: N/A

Compression Standards	
Video Compression	H.265+ / H.264+ / H.265 / H.264 / MJPEG
Streaming Capability	3 Streams
Video Frame Rate	Main Stream: 3840×2160, 2560×1440, 1920×1080, 1280×960, 1280×720 @ 25/30 fps
	Sub Stream: 704×576, 640×480, 352×288 @ 25 fps 704×480, 640×480, 352×240 @ 30 fps
	Third Stream: 1920×1080, 1280×960, 1280×720, 704×576, 640×480, 352×288 @ 25 fps 1920×1080, 1280×960, 1280×720, 704×480, 640×480, 352×240 @ 30 fps
Video Resolution (Max.)	8M (3840 × 2160)
Video Bitrate	64 Kbps ~ 16 Mbps
Video Bitrate Type	VBR / CBR

Image and Feature Support	
Wide Dynamic Range	120 dB true WDR
BLC Mode	Yes
HLC Mode	Yes
White Balance	Auto / Manual / Indoor / Outdoor
Day / Night	Auto / Manual
Gain Control	Auto / Manual
Digital Noise Reduction	3D DNR
Motion Detection	Yes
Electronic Image Stabilization	N/A
Defog	Yes
Digital Zoom	N/A
Flip	N/A
Mirror	N/A
Privacy Masking	24 areas, up to 8 masks in the same frame

Image Rotation	N/A
ROI	N/A
Picture Overlay	Logo picture could be overlaid on video with 128×128 pixels, 24bits BMP format
Font Overlay	Max. 15 characters per line, 8 lines max, white color or red color
Image Settings	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client
IPC Alarm	N/A
Alarm Input	1
Alarm Output	1
Audio Compression	G.711 A/U

Intelligent and Functions	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error)
Face Recognize	Support human face detection, max 15 human faces per scene. Support face capture, tracking, comparison, edge storage
Road Traffic	Vehicle detecting and tracking, etc.
Smart Detection	Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, etc.
Smart Tracking	Smart tracking of human or vehicle, auto/manual
Active Deterrence	Flush strong white light and predefined voice upon invaders detected. Support predefined voice
Two-way Talk	Yes

Network & Interface	
Ethernet	RJ-45 (10/100 Adaptive Ethernet), support PoE+
Network Protocol	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
Network Interoperability	ONVIF
Streaming Method	N/A
Network Max. Users	16
Storage	Built-in Micro SD Card (support max. 256 GB)
Video Output	N/A
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction
Audio Interface	1/1
Built-in Mic	N/A
Built-in Speaker	N/A
RS485	N/A
RS232	N/A
Reset Button	Yes
Heater and Fan	One electrical heater, no fan
Water Removal	Dust and Water-resistant coating for lens cover

Product Specifications

ROHS, CE, FC	
Power Supply	DC 12 V / PoE+ (802.3.at, class 3)
Power Consumption	Max. 24 W (include IR on + PTZ working)
Operating Temperature	-40 ~ 60°C (-40 ~ 140°F) / Less than 90% RH
Storage Temperature	-40 ~ 70°C (-40 ~ 158°F) / Less than 95% RH
Protection	IP66, IK10
Casing	Aluminum Alloy + Plastic
Dimensions	247 mm × ø 173 mm (9.7" × ø 6.8")
Net Weight	Approx. 2100 g (4.63 lb)
Installation	Ceiling mounting; Wall mounting
Certificate	ROHS, CE, FC

Product Dimensions (mm)

