

ES-4882-25X

4MP Network IR mini PTZ Camera

EYESONIC™



Key Features

- 1/2.5" progressive scan CMOS
- 2560 x 1440 resolution
- 25xOptical Zoom, 16xDigital Zoom
- Color: 0.05 Lux @ (F1.6, AGC ON)
- IR range: Up to 50 m
- 12 VDC & PoE+ (802.3 at, class4)
- Support on-board storage, up to 128 GB
- Support H.265+/H.265 video compression
- IP66
- 120 dB WDR, 3D DNR, HLC, BLC

Model Number

ES-4882-25X

Camera

Image Sensor	1/2.5" progressive scan CMOS
Min. Illumination	Color: 0.05 Lux @ (F1.6, AGC ON) B/W: 0.01 Lux @ (F1.6, AGC ON) 0 Lux with IR
White balance	Auto/ Manual/ ATW (Auto Tracing White Balance)/ Indoor/ Outdoor/ Fluorescent lamp/ Sodium lamp
AGC	Auto/ Manual
Shutter Time	1/1 to 1/30,000s
Day & Night	IR Cut Filter
Digital Zoom	16x
Privacy Mask	24 programmable privacy masks
Focus Mode	Auto/ Semi-automatic/ Manual
WDR	120 dB WDR

Lens

Focal Length	4.8 mm to 120 mm, 25x optical
Zoom Speed	Approx. 3.2 s (optical lens, wide-tele)
Field of View	Horizontal field of view: 57.6° to 2.5° (wide-tele) Vertical field of view: 34.4° to 1.4° (wide-tele) Diagonal field of view: 64.5° to 2.9° (wide-tele)
Working Distance	10 to 1500mm (wide-tele)
Aperture Range	F1.6 to F3.5

IR

IR Distance	Up to 50m
Smart IR	Support

PTZ

Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s
Movement Range (Tilt)	From -5° to 90°
Tilt Speed	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s
Proportional Zoom	Support
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Support
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
PTZ Position Display	Support
Preset Freezing	Support
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output

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Compression Standard

Video Compression	Main Stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Support
H.265 Type	Main Profile
H.265+	Support
Video Bitrate	32 Kbps to 16384 Kbps
Audio Compression	G.711alaw/G.711ulaw/G.722/G.726/MP2L2/PCM
Audio Bitrate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 Kbps to 160 Kbps (MP2L2)
SVC	Support

Smart Feature

Basic Event Detection	Motion Detection, Video Tampering Detection, Alarm Input, Alarm Output, Exception
Smart Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection
Smart Tracking	Manual Tracking, Auto Tracking, Event Tracking
ROI encoding	Main stream, sub-stream, and third stream respectively support four fixed areas.
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA

Image

Max. Resolution	2560 × 1440
Main Stream	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	HLC / BLC / 3D DNR / Defog / EIS / Regional Exposure / Regional Focus

Network

Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIFS), ANR
Alarm Linkage	Alarm actions, such as Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc.
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF, ISAPI, support SDK and Third-Party Management Platform
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client Web Browser	CMS, Guarding Vision IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51

Interface

Audio Interface	1-ch audio input and 1-ch audio output
Alarm Interface	2-ch alarm input and 2-ch alarm input
Network Interface	1 RJ45 10 M/100 M Ethernet Interface; PoE+ (802.3 at, class4)

General

Power	12 VDC & PoE+ (802.3 at, class4), Max.:18 W (IR Max.5 W)
Working Temperature	-30°C to 65°C (-22°F to 149°F)
Working Humidity	≤ 90%
Protection Level	IP66 Standard, TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	ADC12, PC, PC+ABS, SUS304, POM
Dimensions(mm)	Φ 169 mm × 161 mm (Φ 6.65" × 6.34")
Weight	Camera: 600 g (1.3 lb.) Approx. 2.45 kg (5.40 lb)

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