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## Starvis 4K P-Iris Auto Focus IR AI Smart IP Camera



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### Features

- Ultra HD 8M megapixel CMOS image sensor
- 8MP H.265/HEVC and H.264/AVC high-performance video compression
- Simultaneous streaming of H.265 and H.264 encoded streams
- Fixed lens with perfect image quality
- 3D noise reduction (MCTF)
- 2D WDR function
- HDR function up to 140dB
- IVS / AI supported
- Motion / Tamper / Audio / Alarm / Network lost detection / Global Counter / Virtual Input / Metadata
- SMART event
- High efficiency IR LED, radiant distance up to 35m
- Day & Night (IR cut removable)
- 2-way audio supported
- Digital I/O : 1 in, 1 out
- ONVIF Profile S , T , G supported

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- IP67 rain and dust resistant
  - Vandal resistant approve IK10
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## Description

### AI Features

- **Aida-EDGEFENCE**  
Suitable for outdoor security with virtual fence protection to trigger event, while supporting four groups of detection areas or detection line that can set the direction. Different trigger event output can be set for distinct detection area and line with AI recognition function. Moreover, it can filter out invalid objects and greatly reduce the false alarm rate.
- **Aida-EDGE DENSITY**  
To count and manage the number of people and vehicles in an area. The count results are sent to the back-end host for storage records, the counts can be reset according to predefined setting.

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## Specifications

Model	P6R8882E2
Min. illumination/Low Light Mode (Colour)	Color : 0.07 Lux at F1.6 ; B/W : 0.01 Lux at F1.6 ; 0 Lux with IR LED ON
Focal Length	2.8mm
Iris	F1.6
Iris Control	Fixed IRIS
Angle of View (H)	107.7°

Angle of View (V)	58.1°
Angle of View (D)	126.9°
Peak wavelength	850nm
Beam Spread	60° , 90°
Max IR distance	35M
Pick Up Element	1/2.8" CMOS image sensor
Effective pixels	3864 (H) × 2176 (V) = 8,408,064 (Pixels)
Light sensor	Yes
CE	Yes, EMI Class A
FCC	Yes, EMI Class A
IP Rating	IP67
Vandal Resistant Rating / IK Rating	IK10
Audio Input / Output	Mono, 1.98 Vp-p , 2.2KΩ , Terminal Block
Audio	Two-way Audio, G.711 u-law / PCM / AAC, External Microphone Required
Microphone	External Microphone Required
Alarm Input / output	Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load.max. 40VDC,450mW/300mA,450mW), Terminal block
Video Compression	H.265/HEVC main profile, H.264 main and high profile , Motion JPEG
Video Streaming	RTP/HTTP, RTP/TCP, RTP/UDP, Multicast streams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidth
Number of streams	3
Video bitrate	128Kbps – 12Mbps; Frame rate and bit rate controllable on-the-fly; VBR / CBR / GOP supported, Fixed bitrate,
Encryption	Base64 HTTP encryption, HTTPS encryption
Authentication	Digest HTTP authentication, RTSP authentication, DDNS via HTTPS

Address Filter	Yes
Multi IP address	Yes
Access	Multiple user access levels with password protection
User accounts	10 user accounts available
Resolution	4K(3840 × 2160), 6M(3072 × 2048), 5MP(2592 × 1944), 4MP(2304 × 1728), 3.1MP(2048 × 1536), 3MP(2304 × 1296), 2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), D1(720 × 480, 720 × 576), VGA(640 × 480), CIF(352 × 240)
Maximum Frame Rate	Normal mode: 60Hz: 30 FPS @ 3840 × 2160 50Hz: 25 FPS @ 3840 × 2160 HDR mode: 60Hz: 30 FPS @ 3840 × 2160 50Hz: 25 FPS @ 3840 × 2
Scanning System	Progressive Scan
Infrared Cut Filter	Auto / Day (Color) / Night (Mono) / Schedule
White Balance	Auto / Manual
Electrical Shutter	1/30(1/25)s – 1/30000s
Sense Up	Off / x2 / x4 / x8 / x16
Sense Up+	Yes
Auto Gain Control	48 dB Variable Gain
S / N Ratio	More than 40dB (AGC off)
3D Noise Reduction	Off / 1 – 32 Selectable
2D WDR	Off / Auto / x2 / x3 / x4
High Dynamic Range(HDR)	Up to 140dB (by HDR mode, 2 shutter line interleave)
Privacy Masking	Off / On (4 zones)
Image Effects	Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip, Rotation, Defog
EV (Exposure Value)	Adjustable
Mobile Application	Integrated to LILIN mobile app (LILIN Viewer) iPhone, iPad, Android support

Video Management	ONVIF Profile S / ONVIF Profile T / ONVIF Profile G / IVS events, LILIN Navigator Enterprise 3.0 support, Third party VMS through LILIN HTTP API
SD Card (recording)	Support (128GB) Micro SD/SDHC/SDXC card for circular recording (card is not included)
Alarm event triggers	Motion / Tamper / Audio / Alarm / Network lost detection / Global Counter / Virtual Input / Metadata
Alarm event actions	FTP / SMTP / HTTP post / SD card / SAMBA / Alarm Output / Push Service / Global Counter / Virtual Input
Operating temperature	-30°C – +50°C (-22°F – 122°F)
Storage temperature	-25°C – +60°C (-13°F – 140°F)
Operating humidity	0% – 90% RH
Power Supply	DC12V ±10% / PoE (IEEE 802.3af compliant)
Power Consumption	DC12V, 8.2W / PoE, 9.1W
Dimensions	74(W) × 69(H) × 189(D) mm
Weight	555g
Casing Material	Aluminum alloy CATALOG LILIN P6R8882E2