

ES-3042SI

4MP True WDR Intellisense Strobe Light Turret with built-in Speaker

EYESONIC™



Key Features

- **INDOOR ONLY**
- Max. 2688 × 1520 @ 30fps
- H.265+, H.264+, H.265, H.264
- 120dB WDR
- 0.012 Lux @ (F1.6, AGC ON), 0 Lux with IR
- False alarm reduction by human and vehicle target classification based on deep learning
- Built-in speaker
- Strobe Light & Audio Alarm
- 12 VDC & PoE (802.3af, class 3)
- Built-in micro SD/SDHC/SDXC slot, up to 128G
- BLC/3D DNR/HLC/ROI

Model Number

ES-3042SI

Image Sensor	1/2.7" progressive scan CMOS
Min. Illumination	0.012 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Slow Shutter	Supported
Lens	2.8mm - horizontal FOV: 104°, vertical FOV: 58°, diagonal FOV: 124°
Aperture	F1.6
Lens Mount	M12
Adjustment Range	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Day & Night	IR cut filter
Wide Dynamic Range	120 dB
Digital Noise Reduction	3D DNR
Focus	Fixed

Image

Max. Image Resolution	2688 × 1520
Video Bit Rate	32Kbps~16Mbps
Frame Rate	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC/3D DNR/HLC
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
ROI	Support 4 fixed region for main stream and sub-stream separately
Day/Night Switch	Day/Night/Auto/Schedule

Network

Network Storage	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS/SMB/CIFS), ANR
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
System	ONVIF (Profile S, Profile G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users
Client	3 levels: Administrator, Operator and User
Web Browser	Guarding Expert, Guarding Vision IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11

www.eyesonic.com

ES-3042SI

4MP True WDR Intellisense Strobe Light Turret with built-in Speaker

EYESONIC™

Intelligent

Behavior analysis

Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm reduction by human and vehicle target classification based on deep learning.
When H265+, three streams or motion detection is enabled, the behavior analyses (including line crossing detection, intrusion detection, region entrance detection and region exiting detection) are not supported.

Exception Detection

Scene change detection

Interface

Audio

Built-in speaker, max sound pressure level: 96dB

Communication Interface

1 RJ45 10M/100M self-adaptive Ethernet port

On-board Storage

Built-in micro SD/SDHC/SDXC slot, up to 128 GB

Reset Button

Yes

SVC

H.265 encoding and H.264 encoding support

Compression Standard

Video Compression

Main stream: H.265/H.264

Sub-stream: H.265/H.264/MJPEG

Third stream: H.265/H.264

H.264 Type

Main Profile/High Profile

H.264+

Main stream supports

H.265 Type

Main Profile

H.265+

Main stream supports

Video Bit Rate

32 Kbps to 16 Mbps

General

Operating Conditions

-30 °C to +60 °C (-22 °F to +140 °F),
humidity 95% or less (non-condensing)

Power Supply

12 VDC $\pm$ 25%, 5.5 mm coaxial power plug
PoE (802.3af, class 3)

Power Consumption

12 VDC, 0.5 A, max. 6 W

PoE: (802.3af, 36 V to 57 V), 0.3 A to 0.1 A, max. 7.5 W

IR Range

Up to 30 m

Dimensions

Camera: Φ 138.3 $\times$ 126.3 mm (Φ 5.4" $\times$ 5")

With package: 170 $\times$ 170 $\times$ 150 mm (7" $\times$ 7" $\times$ 5.9")

Weight

Camera: 430 g (0.9 lb.)

With package: 733 g (1.6 lb.)

