

# ES-3042V

4MP True WDR Intellisense DarkGuard Turret Camera

**EYESONIC™**



## Key Features

- Max. 2688 × 1520 @30fps
- H.265+, H.264+
- 120dB WDR
- 0.0014 @ (F1.0, AGC ON), 0 Lux with Light
- 12 VDC & PoE (802.3af, class 3)
- Full time color
- Support on-board storage, up to 128 GB
- IP67
- BLC/3D DNR/HLC/ROI

## Model Number

ES-3042V

Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	0.0014 @ (F1.0, AGC ON), 0 Lux with Light
Shutter Time	1/3 s to 1/100,000 s
Slow Shutter	Supported
Lens	4 mm - horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115°
Lens Mount	M16
Adjustment Range	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Wide Dynamic Range	120 dB
Digital Noise Reduction	3D DNR
Focus	Fixed

## Compression Standard

Video Compression	H.265/H.264/MJPEG
Video bit rate	32Kbps~16Mbps

## Image

Max. Image Resolution	2688 × 1520
Frame Rate	50Hz: 25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC/3D DNR/HLC
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
ROI	Support 1 fixed region for main stream and sub-stream separately
Day/Night Switch	Day/Night

## 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
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
System	ONVIF (Profile S, Profile G), ISAPI

[www.eyesonic.com](http://www.eyesonic.com)

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## Intelligent

**Behavior analysis** Line crossing detection, intrusion detection, object removal detection, unattended baggage detection

## Interface

**Audio** 1 audio input (line in), 1 audio output (line out), mono sound

**Communication Interface** 1 RJ45 10M/100M self-adaptive Ethernet port

**Alarm** 1 alarm input, 1 alarm output

**Alarm Input** 1

**Alarm Output** 1

**On-Board Storage** Built-in Micro SD/SDHC/SDXC slot, up to 128 GB

**Reset Button** Yes

## Smart Feature-set

**Line Crossing Detection** Cross a pre-defined virtual line

**Intrusion Detection** Enter and loiter in a pre-defined virtual region

**Region Entrance** Enter a pre-defined virtual region from the outside place

**Region Exiting** Exit from a pre-defined virtual region

## General

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

**Power Supply** 12 VDC ± 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 IP67

**Weather Proof**

**Visible Light Range** Up to 30m

**Dimensions** Camera:  $\Phi 138.3 \times 125.2$  mm ( $\Phi 5.4'' \times 4.9''$ )  
Weight Camera: 575 g (1.3 lb.)  
With package: 833 g (1.8 lb.)