

# ES-852011/12/13H | E series

2MP IR Eyeball Network Camera



- 1/2.9" 2MP Sony Sensor
- H.265+ Dual-stream Encoding
- IR Effective Range 10~20m
- High Quality Optical Lens 2.8mm/3.6mm/6mm optional
- IVA (Smart Function) Supported
- Multiple Web Browser Supported, IE/Safari/Chrome/Firefox
- P2P Cloud Function by Mobile App (AntarView Pro)
- Lightning Protection Up to 6KV
- IP67 Ingress Protection
- Built-in PoE



## System Overview

E series 2MP IP cameras are cost-efficient solution which powered by smart H.265+ and advanced cutting-edge Sony sensor for video monitoring.

It delivers crystal clear images and supports industry-leading IVA smart event alarm.

Cloud function is built-in for every device, which is more convenient and flexible for real-time and remote viewing.

## Functions

### H.265+

Delivering high quality video with up to 70% bandwidth saving. H.265+ is the evolutionary optimization of H.265 and traditional H.264. The Smart H.265+ includes a series of encoding strategy such as Dynamic ROI and smart 2D&3D noise reduction.

### IVA (Intelligent Video Analysis)

It allows detection on multiple object behaviors, such as Tripwire, Intrusion, Objects Detection and Target Counting etc.

### Protection

With precise mechanical and rugged casing design, it stands against water and dust with industrial IP67 rank.

Supports  $\pm 30\%$  input voltage tolerance, it could work safely in extreme unstable power condition.

With working temperature range from  $-30^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ , it works well in a variety of harsh outdoor environments.

## Technical Parameters

### Camera

Model	ES-852O11H	ES-852O12H	ES-852O13H	Flash/DDR	16MB/256MB
Image Sensor	1/2.9" 2MP Sony Sensor			S/N Ratio	More than 52dB
Min. Illumination	0.05Lux/F2.0 (color) 0 Lux with IR on			IR Distance	10~20m
Effective Pixels	1920(H)*1080(V)			IR LED No.	1

### Lens

Focal Length	2.8mm	3.6mm	6mm	FOV	95°	83°	57°
Aperture	F1.6						

### Video

Compression	H.265/H.264			WDR	DWDR
Resolution	1080P(1920*1080)/1.3MP(1280*960)/720P(1280*720) D1(720*576)/Q720P(640*360)/CIF(352*288)			Day/Night	Auto(ICR)/Color/B/W
Bit Rate Control	CBR/VBR			White Balance	Supported
Bit Rate	16Kbps-8Mbps			Defog	Supported
Streaming	Dual stream			Noise Reduction	3D DNR
Frame Rate	Main stream: 1920*1080(1~25/30fps) Sub stream: 720*576(1~25/30fps)			Mirror	Supported
Digital Zoom	12x			Flip	Supported
Audio Compression	G.711u			BLC	Supported
				ROI	Support 4 fixed region for main stream and sub stream separately
				Anti-flicker	Supported
				Privacy Mask	4 Areas

### Alarm & Audio

Video Detection	Motion Detection, Video Shelter			IVA	Tripwire/Intrusion/Object Left/Missing/Target Counting
Audio	N/A				

### Network

Ethernet	1 RJ-45 port(10/100Mbps)			Web Browsers	IE/Firefox/Chrome/Safari
Protocols	TCP/IP, UDP, HTTP, IGMP, ICMP, DHCP, RTP/RTSP/DNS, DDNS, FTP, NTP, PPPoE, UPNP, SMTP, SNMP			VMS	AntarVis 2.0
Onvif	Onvif Profile S			Mobile App	AntarView Pro
Max. Online Users	2			Platform	Mac OS/ Windows/iOS/Android

### General

Working Temperature	-30°C~+60°C			Ingress Protection	IP67
Working Humidity	10~90%			Dimensions	Φ102*93.2mm
Power Supply	PoE, IEEE802.3af			Net Weight	0.36KG
	DC12V±10%			Gross Weight	0.44KG
Power Consumption	< 3W				

## Ordering Information

Type	Part Number	Description
2MP Camera	ES-852011H	2MP Network Camera(2.8mm Lens)
	ES-852012H	2MP Network Camera(3.6mm Lens)
	ES-852013H	2MP Network Camera(6mm Lens)

## Dimensions (mm)

