

# ES-852T11/12/13H | W series

## Starlight/WDR 2MP IR Eyeball Network Camera



- 1/2.8" 2MP Sony Starvis Sensor
- H.265+ Dual-stream Encoding
- IR Effective Range 10~20m
- High Quality Optical Lens 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

W series 2MP IP cameras are project-oriented solution which is powered by starlight, true WDR, 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 are 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 strategies such as Dynamic ROI, smart 2D&3D noise reduction.

### IVA (Intelligent Video Analysis)

It allows detection on multiple object behaviors, such as Tripwire, Intrusion, Objects Detection, 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

Models	ES-852T11H	ES-852T12H	ES-852T13H	Flash/DDR	16MB/256MB
Image Sensor	1/2.8" 2MP Sony Starvis Sensor			S/N Ratio	More than 52dB
Min. Illumination	0.006Lux/F1.6 (color) 0 Lux with IR on			IR Distance	10~20m
Effective Pixel	1920(H)*1080(V)			IR LED No.	1

### Lens

Focal Lengths	2.8mm	3.6mm	6mm	FOV	106°	96°	60°
Aperture	F1.6						

### Video

Compressions	H.265/H.264	WDR	120dB
Resolutions	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-32Mbps	Defog	Supported
Streaming	Dual stream	Noise Reduction	3D DNR
Frame Rates	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 Detections	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 User	2	Platforms	Mac OS/ Windows/iOS/Android

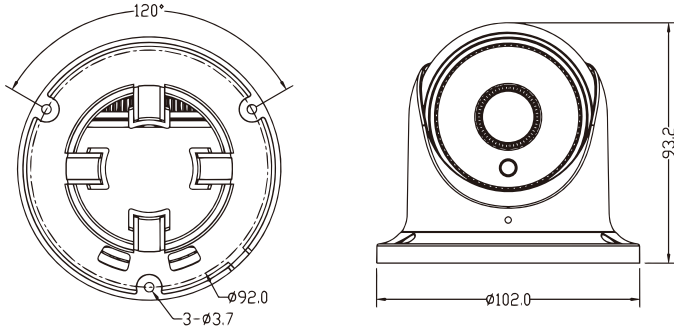
### General

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

## Ordering Information

Type	Part Number	Description
2MP Camera	ES-852T11H	2MP Network Camera(2.8mm Lens)
	ES-852T12H	2MP Network Camera(3.6mm Lens)
	ES-852T13H	2MP Network Camera(6mm Lens)

## Dimensions (mm)



More details

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