

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 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

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°C to $+60^{\circ}\text{C}$, it works well in a variety of harsh outdoor environments.

Technical Parameters

Camera

| | | | | | |
|-------------------|---|------------|------------|-------------|----------------|
| Model | 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 Pixels | 1920(H)*1080(V) | | | IR LED No. | 1 |

Lens

| | | | | | | | |
|--------------|-------|-------|-----|-----|------|-----|-----|
| Focal Length | 2.8mm | 3.6mm | 6mm | FOV | 106° | 96° | 60° |
| Aperture | F1.6 | | | | | | |

Video

| | | | | | |
|-------------------|--|--|--|-----------------|--|
| Compression | H.265/H.264 | | | WDR | 120dB |
| 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-32Mbps | | | 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 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)

