

# EL-852028I | E series

## 2MP IR Motorized Eyeball Network Camera



- 1/2.9" 2MP Sony Sensor
- H.265+ Dual-stream Encoding
- IR Effective Range 20~30m
- High Quality Motorized Lens 2.8~12mm
- 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             | EL-852028I                               | Flash/DDR   | 16MB/256MB     |
| Image Sensor      | 1/2.9" 2MP Sony Sensor                   | S/N Ratio   | More than 52dB |
| Min. Illumination | 0.05Lux/F1.4 (color)<br>0 Lux with IR on | IR Distance | 20~30m         |
| Effective Pixel   | 1920(H)*1080(V)                          | IR LED No.  | 2              |

### Lens

|              |          |     |          |
|--------------|----------|-----|----------|
| Focal Length | 2.8~12mm | FOV | 40°~102° |
| Aperture     | F1.4     |     |          |

### Video

|                   |  |                 |  |
|-------------------|--|-----------------|--|
| Compressions      | H.265+/H.265/H.264   | WDR             | DWDR   |
| Resolutions       | 1080P(1920*1080)/1.3MP(1280*960)/720P(1280*720)<br>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 Rates         | 16Kbps-8Mbps   | Defog           | Supported  |
| Streaming         | Dual stream  | Noise Reduction | 3D DNR   |
| Frame Rates       | Main stream: 1920*1080(1~25/30fps)   | Mirror          | Supported  |
|                   | Sub stream: 720*576(1~25/30fps)  | Flip            | Supported  |
| Digital Zoom      | 12x  | BLC             | Supported  |
| Audio Compression | G.711u   | 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            | 1 channel audio input; 1 channel audio output optional |     |  |

### 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         | Φ111.6*105mm |
| Power Supplies      | PoE, IEEE802.3af | Net Weight         | 0.4KG        |
|                     | DC12V±10%        | Gross Weight       | 0.64KG       |
| Power Consumption   | < 3W             |                    |              |

### Ordering Information

| Type       | Part Number | Description                       |
|------------|-------------|-----------------------------------|
| 2MP Camera | EL-852028I  | 2MP Network Camera(2.8~12mm Lens) |

### Dimensions (mm)

