

# EL-852028I

## 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 are powered by smart H.265+ and advanced cutting-edge Sony sensor for video monitoring.

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

Cloud function is built-in for every single 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 optimized evolution of H.265 and traditional H.264. The Smart H.265+ includes a series of encoding strategy like Dynamic ROI, smart 2D&3D noise reduction.

#### IVA (Intelligent Video Analysis)

It allows detecting multiple object behaviors, like 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.

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

With working temperature range  $-30^{\circ}\text{C}$  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) 0 Lux with IR on	IR Distance	20~30m
Effective Pixels	1920(H)* 1080(V)	IR LED No	2

### Lens

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

### Video

Compression	H.265+/H.265/H.264	WDR	DWDR
Resolution	1080P(1920x1080)/1.3MP(1280x960)/720P(1280x720) D1(720x576)Q720P(640x360)/CIF(352x288)	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: 1920x1080(1~25/30fps)	Mirror	Supported
	Sub stream: 720x576(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 Detection	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 Users	2	Platform	Mac OS/ Windows/IOS/Android

### General

Working Temperature	-30 C ~+60 C	Ingress Protection	IP67
Working Humidity	10~90%	Dimensions	Φ111.6x105mm
Power Supply	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)

