

EL-852T28I | W series

Starlight/WDR 2MP IR Eyeball Network Camera



- 1/2.8" 2MP Sony Starvis 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

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 like 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	EL-852T28I	Flash/DDR	16MB/256MB
Image Sensor	1/2.8" 2MP Sony Starvis Sensor	S/N Ratio	More than 52dB
Min. Illumination	0.006Lux/F1.4 (color) 0 Lux with IR on	IR Distance	20~30m
Effective Pixel	1920(H)*1080(V)	IR LED No.	2

Lens

Focal Length	Motorized 2.8~12mm	FOV	41°~106°
Aperture	F1.4		

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-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-852T28I	2MP Network Camera(2.8~12mm Lens)

Dimensions (mm)

