

EL-852T28I | W series

2MP Motorized Face Detection Network Eyeball Camera



- 1/2.8" 2MP STARVIS CMOS Sensor
- H.265 Double-stream Encoding
- Embedded Face Detection Algorithm
- 30m IR Distance
- IP67
- Support SMB Deployment and White/Black List Access Control
- Multiple Web Browser Supported, IE/Safari/Chrome/Firefox
- P2P Cloud Function By Mobile App (AntarView Pro)



System Overview

W series 2MP IP cameras are project-oriented solution which is powered by starlight, true WDR, and advanced cutting-edge 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% lower bandwidth. H.265 is the evolutionary optimization of H.264 and traditional H.264.

The H.265 includes a series of encoding strategy such as Dynamic ROI and smart 2D&3D noise reduction.

IVA (Intelligent Video Analysis)

IVA is a built-in video analytic algorithm that detects object behaviors in a specific area, such as Tripwire violations, intrusion detection, abandoned or missing objects, and the number of targets enter and exit. A camera with IVA will deliver quickly and accurately responds to monitoring events that makes surveillance more intelligent and efficient.

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-852T28B	Effective Pixels	1920(H)*1080(V)
Image Sensor	1/2.8" 2MP STARVIS CMOS Sensor	Flash/DDR	128MB/512MB
Electronic Shutter Speed	Auto/Manual; 1/5~1/100000s	S/N Ratio	More than 52dB
Min. Illumination	0.006Lux/F1.6 (color) 0 Lux with IR on	IR Distance	30m
		IR LED No.	2

Lens

Lens Type	Motorized	Aperture	F1.6
Mount Type	Board-in	Angle of View	41°~106°
Focal Length	3.35mm-10.5mm	Optical Zoom	4X

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	1536Kbps~6Mbps	Defog	Supported
Streaming	2 streams	Noise Reduction	2D/3D DNR
Frame Rate	Main stream: 1920*1080 (1~25/30fps) Sub stream: 720*576 (1~25/30fps)	Mirror	Off / On, 0°/90°/180°/270°
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	5 Areas

Alarm & Audio

Audio I/O	1 channel audio input; 1 channel audio output optional	Alarm I/O	N/A
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IVA Alarm

Video Detection	Motion Detection, Video Tampering	IVA	Face Detection/Tripwire/Intrusion/Object Left/Missing/Target Counting/Video Shelter
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Network

Ethernet	1 RJ-45 port (10/100Mbps)	Web Browsers	IE/Firefox/Chrome/Safari
Protocols	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP	VMS	AntarVis 2.0
Onvif	Onvif Profile S	Mobile App	AntarView Pro
Max. Online Users	5	Platform	Mac OS/ Windows/iOS/Android

General

Power Supply	PoE, IEEE802.3af	Working Humidity	0%-90%
	DC12V±10%	Dimensions	111.6*105mm
Power Consumption	<3W	Net Weight	0.4KG
Protection	IP67	Gross Weight	0.64KG
Working Temperature	-20℃ ~ 55℃		

Ordering Information

Type	Part Number	Description
Face Detectin Camera	EL-852T28I	2MP, 3.35~10.5mm Motorized Face Detection Network Eyeball Camera

Dimensions (mm)

