

EL-855P21/22I | W series

Starlight/WDR 5MP IR Eyeball Network Camera



- 1/2.8" 5MP STARVIS CMOS
- H.265 Dual-stream Encoding
- IR Effective Range 20~30m
- High Quality Optical Lens 2.8mm/3.6mm 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 5MP 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)

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-855P21I	EL-855P22I	Flash/DDR	128MB/256MB
Image Sensor	1/2.8" 5MP STARVIS CMOS		S/N Ratio	More than 52dB
Min. Illumination	0.01Lux/F1.3 (color) 0 Lux with IR on		IR Distance	20~30m
Effective Pixels	2592(H)* 1944(V)		IR LED No.	2

Lens

Focal Length	2.8mm	3.6mm	FOV	99.6°	90.5°
Aperture	F1.3				

Video

Compression	H.265/H.264	WDR	120dB
Resolution	5MP(2592*1944)/1080P(1920*1080)/1.3M(1280*960)/720P(1280*720)/D1(704*576)/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: 2592*1944(1~25/30fps) Sub stream: 704*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		
Audio	1 channel audio input, 1 channel audio output optional	IVA	Face Detection/Tripwire/Intrusion/ Abandon/Missing/Target Counting/ Video Shelter/Scene change, Audio Detection, Fire Detection/VQD

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	5	Platform	Mac OS/ Windows/iOS/Android

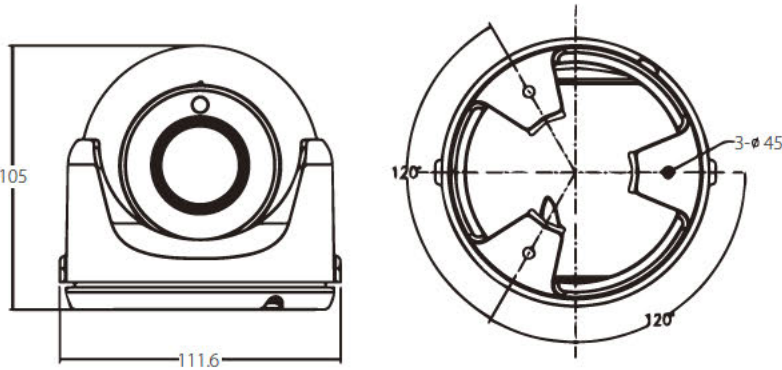
General

Working Temperature	-30°C~+60°C	Ingress Protection	IP67
Working Humidity	10~90%	Dimensions	Φ111.6*105mm
Power Supply	PoE, IEEE802.3af	Net Weight	0.4KG
Power Consumption	DC12V±10%	Gross Weight	0.64KG
	< 3W		

Ordering Information

Type	Part Number	Description
5MP Camera	EL-855P21I	5MP Network Camera(2.8mm Lens)
	EL-855P22I	5MP Network Camera(3.6mm Lens)

Dimensions (mm)



www.zkteco.technology

