

ES-852T21C

| BioPro Series | 2MP Starlight Fixed Lens Face Detection Eyeball IP Camera

ZKT_{ECO}



- 1/2.8" 2MP STARVIS CMOS Sensor
- H.265 Dual-stream Encoding
- High quality optical lens 2.8mm
- IR Effective Range 30m
- Embedded face detection algorithm
- Support White/Black list alarm deployment
- Intelligent video analytics function supported
- Multiple web browsers supported
- Lightning protection up to 6KV
- IP67, PoE, remote view by APP/ VMS



System Overview

Powered by Sony STARVIS sensor which provides excellent night vision, couple with true WDR and cutting-edge technology, the W series 2MP IP cameras are an ideal project-oriented solution for crystal clear video monitoring for both day & night. With embedded face detection algorithm, the cameras support White/Black list event alarm deployment in different scenarios.

The cameras also support multiple industry-leading Intelligent video analytic functions, such as Face Detection, Line Crossing, Intrusion, Object Left/Lost, Counting, etc. for smart event alarms.

P2P cloud function is built-in for every device which is more convenient and flexible for remote real-time viewing.

Functions

H.265

H.265 technology is an evolutionary optimization of traditional H.264, it includes a series of encoding strategy such as dynamic ROI, smart 2D&3D noise reduction, etc, for delivering high quality video, as well as greatly saving up to 70% bandwidth and storage.

Protection

With precise mechanical and rugged metal casing design, W series IP cameras could stand against water and dust with industrial IP67 rank.

Supports $\pm 10\%$ input voltage tolerance, the cameras could work safely in extreme unstable power conditions.

With working temperature range -30°C to $+60^{\circ}\text{C}$, the cameras could be used in a variety of harsh outdoor environments.

Technical Specifications

Camera			
Model	ES-852T21C	Flash/DDR	128Mb/512Mb
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	IR LED No.	2 (Smart IR)
Effective Pixels	1920* 1080	IR Distance	30m
Min. Illumination	0.001Lux@F2.0 (AGC ON)	S/N Ratio	> 52dB
Lens			
Lens Type	Fixed	Aperture	F2.0
Mount Type	Board-in	FOV	95°
Focal Length	2.8mm	Optical Zoom	N/A
Video			
Compression	H.265/ H.264	WDR	TWDR
Resolution	1080P(1920*1080)/1.3MP(1280*960)/720P(1280*720)	Day/Night	Support
Bitrate Control	CBR/VBR	White Balance	Support
Bitrate	H.265:1280Kbps-4Mbps H.264:1792Kbps-4Mbps	Defog	Support
Multi-Streaming	Main Stream:1080P@25fps/960P@25fps/720P@25fps	Noise Reduction	3D DNR
	Sub Stream: Q720P(640*360)@25fps/CIF@25fps	Mirror/Flip	Support
	Third stream: N/A	Corridor Mode	N/A
Motion Detection	Support	HLC	Support
Digital Zoom	Support	BLC	Support
Audio Compression	G7.11u	ROI	4 areas
Privacy Mask	5 areas	Anti-flicker	Support
IVA			
Intelligent Video	Face Detection/ Line Crossing/ Intrusion/ Object Left/ Lost/ Counting/ Video Tampering		
Facial Recognition			
Face Templates	N/A	Face Quality Filtering	Support
Face Detected per Frame	30	Detection Area	User-Defined
Detected Face Size	80x80 ~ 300x300 Pixels	Capture Response	≤1s
Network			
Protocol	TCP/IP, UDP, HTTP, IGMP, ICMP, DHCP, RTP/RTSP, DNS, DDNS, FTP, NTP, PPPoE, UPNP, SMTP, SNMP	Management Software(VMS)	AntarVis 2.0
Interoperability	ONVIF, SDK, API	Operation System	Windows
Max. Online Users	3	Mobile APP	AntarView Pro
Web Browser	IE/ Firefox/ Chrome/ Safari	P2P Cloud Service	Support
Note: video streaming is not available for Firefox/Chrome/Safari.			
Interface			
Ethernet	1 RJ-45 port(10/100Mbps)	Reset Button	N/A
Audio I/O	N/A	Micro-SD Slot	N/A
Alarm I/O	N/A	ANR	N/A

RS485	N/A	USB	N/A
General			
Power Supply	PoE (IEEE802.3af), DC 12V±10%	Working Temperature	-30°C ~ +60 °C
Power Consumption	< 3W	Working Humidity	10% ~ 90%
Ingress Protection	IP 67	Net Weight	0.38 kg
Dimensions	107(L)*107(W)*78(H)mm	Gross Weight	0.48 kg

Order Information

Type	Model	Description
2MP Camera	ES-852T21C	2MP Starlight Fixed Lens Face Detection Eyeball IP Camera

Dimensions

