

# ES-855L12B

ZKT<sub>ECO</sub>

| BioEco Series | 5MP Fixed Eyeball IP Camera



- 1/2.7" 5MP CMOS Sensor
- H.265 Dual-stream Encoding
- High quality optical fixed lens 3.6mm
- IR Effective Range 20m
- Intelligent video analytics function supported
- Multiple web browsers supported
- Lightning protection up to 6KV
- IP67, PoE, remote view by APP/ VMS



## System Overview

BioEco Series IP cameras are super cost-efficient solution which is powered by cutting-edge technology for video monitoring. 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, EZ 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  $-30^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ , the cameras could be used in a variety of harsh outdoor environments.

## Technical Specifications

Camera			
Model	ES-855L12B	Flash/DDR	128Mb/1Gb
Image Sensor	1/2.7" CMOS	IR LED No.	1
Effective Pixels	2560*1920	IR Distance	20m
Min. Illumination	Color: 0.08Lux@F2.0 (AGC ON) B/W:0.001Lux@F2.0 (AGC ON)	S/N Ratio	> 52 dB
Lens			
Lens Type	Fixed	Aperture	F2.0
Mount Type	Board-in	FOV	91°
Focal Length	3.6mm	Optical Zoom	N/A
Video			
Compression	H.265/ H.264	WDR	DWDR
Resolution	5MP (2560*1920)/ 1080P (1920*1080)/ 1.3M( 1280*960)/ 720P (1280*720)/ D1 (704*576)/ CIF (352*288)	Day/Night	Support
Bitrate Control	CBR/VBR	White Balance	N/A
Bitrate	H.265: 1280Kbps-8Mbps H.264: 1792Kbps-8Mbps	Defog	Support
Multi-Streaming	Main stream: 2560*1920(1~15fps)	Noise Reduction	3D DNR
	Sub stream: 704*576(1~25/30fps)	Mirror/Flip	Support
	Third stream: N/A	Corridor Mode	N/A
Motion Detection	Support	HLC	N/A
Digital Zoom	Support	BLC	N/A
Audio Compression	G7.11u	ROI	4 areas
Privacy Mask	4 areas	Anti-flicker	N/A
IVA			
Intelligent Video	Line Crossing/ Intrusion/ Object Left/ Lost/ Counting/ Video Tampering		
Facial Recognition			
Face Templates	N/A	Face Quality Filtering	N/A
Face Detected per Frame	N/A	Detection Area	N/A
Detected Face Size	N/A	Capture Response	N/A
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
<b>Note:</b> 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
<b>General</b>			
Power Supply	PoE (IEEE802.3af), DC12V±10%	Working Temperature	-30°C ~ +60 °C
Power Consumption	< 3W	Working Humidity	10% ~ 90%
Ingress Protection	IP 67	Net Weight	0.25 kg
Dimensions	Φ85.65x95mm	Gross Weight	0.28 kg

## Order Information

Type	Model	Description
5MP Camera	ES-855L12B	Fixed Lens Eyeball IP Camera

## Dimensions

