

# ES-855P11C-S7-C | Full Color Series

## 5MP Full Color Face Detection Eyeball IP Camera



- 1/2.7" CMOS Sensor
- H.265 triple stream encoding
- High-quality optical lens: 2.8mm
- 120 db true WDR
- White light range 20m
- An embedded face detection algorithm
- White/Black-list alarm deployment
- Multiple web browsers supported
- Remote viewing with mobile application or VMS
- Lightning protection up to 6kV
- IP67 metal casing



### System Overview

Powered by the cutting edge F1.0 large aperture lens and warm white LED illuminators, ZKTeco's Full Color series camera presents a high-quality color image with rich details even in total darkness conditions. It's promising to deliver authentic identification 24/7.

The Full Color series also offers multiple industry-leading intelligent Face Detection function for smart face deployment alarms.

The P2P cloud function is built-in for every device, much convenient and flexible for remote real-time viewing.

### Functions

#### Full-color & Starlight

It adopts an F1.0 large aperture lens and a 1/2.7" high-performance sensor. With a higher amount of absorbed light and an advanced image processing algorithm, the camera presents an impressive low light performance with an exceptional balance between noise reduction and the blur of moving objects. With 2pcs warm white LED illuminators, it can provide a colorful and vivid image even in total darkness.

#### H.265

H.265 technology is an evolutionary optimization of the traditional H.264. It includes a series of encoding strategies such as dynamic ROI, smart 2D&3D noise reduction for delivering high-quality videos, and significantly saving up to 70% bandwidth and storage.

#### Protection

With its precise mechanical and rugged metal casing design, IP cameras of the Full Color series rated IP67 could stand against water and dust for a long time.

With 10% of input voltage tolerance, the cameras could work safely under extreme or unstable power conditions.

With a working temperature range from -30°C to 60°C, the cameras could adapt to various harsh outdoor environments.

## Technical Parameters

### Camera

Model	ES-855P11C-S7-C	Flash / DDR	128Mb / 512Mb
Image Sensor	1/2.7" CMOS	White Lights No.	2
Effective Pixels	2592*1944	White Light Distance	20m
Min. Illumination	Color: 0.0001Lux@F1.0 (AGC ON)	S/N Ratio	>52dB

### Lens

Lens Type	Fixed	Aperture	F1.0
Mount Type	Board-in	FOV	115°
Focal Length	2.8mm	Optical Zoom	N/A

### Video

Compression	H.265 / H.264		WDR	120 db true WDR
Resolution	5MP (2592 x 1944) / 4MP (2688 x 1520) / 3MP (2304 x 1296) / 1080P (1920 x 1080) / 1.3MP (1280 x 960) / 720P (1280 x 720)		Day / Night	Support
Bitrate Control	CBR / VBR		White Balance	Support
Bitrate	H.265: 4Mbps - 16Mbps H.264: 5Mbps - 20Mbps		Defog	N/A
Multi-Streaming	Main Stream	5MP@25fps/ 4MP@25fps / 3MP@25fps/ 1080P@25fps / 960P@25fps / 720P@25fps	Noise Reduction	2D/3D DNR
	Sub Stream	D1@25fps / VGA@25fps / CIF@25fps	Mirror/Flip	Support
	Third Stream	N/A	Corridor Mode	Support
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
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### Network

Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, RTMP	Management Software (VMS)	AntarVis 2.0 ZKBioSecurity IVS ZKBioAccess IVS
Interoperability	ONVIF Profile S, SDK, API	Operation System	Windows
Max. Online Users	3	Mobile APP	AntarView Pro
Web Browser	IE / Firefox / Chrome / Safari	P2P Cloud Service	Support

**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 to 60°C
Power Consumption	<3W	Working Humidity	10% to 90%
Ingress Protection	IP67	Net Weight	0.30kg
Dimensions	Φ107 * 107 (mm)	Gross Weight	0.45kg

**Order Information**

Camera	Model	Description
5MP Camera	ES-855P11C-S7-C	5MP Full Color Face Detection Eyeball IP Camera

**Dimensions (mm)**