

# ES-31A11A | EZ series

## 720P Plastic IR Eyeball Analog Camera



- 1/4" 720P CMOS
- AHD/TVI/CVI Video Output
- IR Effective Range 10~20m
- High Quality Optical Lens 2.8mm



## System Overview

EZ Series 720P HD analog camera adopts advanced 3-in-1 ISP and 1/4" image sensor, featured by the excellent image details with wide FOV. It offers built-in UTC function to switch the signal output flexibly among the 3 popular technologies. It's ideal solution for SMB solution with high cost-performance ratio and simple installation.

## Functions

### Long Distance Transmission

Powered by leading HD Videoloss technology, it supports up to 500m/800m transmission via RG59/RG6 coaxial cables respectively.

### Smart IR

EZ series is designed with smart IR function to avoid of the IR LED overexposure when object/people is getting closer to the camera in the night, ensuring the light intensity is changing proportionally with the distance between camera and objects.

### Advanced 3-in-1 Technology

EZ series 720P HD analog camera is built-in with advanced 3-in-1 technology, it's equipped with UTC chipset on board which could support to adjust HD analog signal output flexibly, such as AHD/TVI/CVI. It's the final solution for true plug-n-play to work with any brand of HD analog DVR seamlessly.

### Protection

With precise mechanical and rugged casing design.

Support  $\pm 30\%$  input voltage tolerance, it could work safely in extreme unstable power condition.

With working temperature ranging from  $-30^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ , it works well in a variety of harsh outdoor environments.

## Technical Parameters

### Camera

Model	ES-31A11A	Effective Pixels	1280(H)* 720(V)
Image Sensor	1/4" 720P CMOS	S/N Ratio	More than 52dB
Scanning System	Progressive	IR Distance	10~20m
Min. Illumination	0.1Lux/F2.4 (color) 0 Lux with IR on	IR LED No.	10

### Lens

Focal Length	2.8mm	FOV	63°
Aperture	F2.4		

### Video

Video Output	AHD/TVI/CVI	AGC	Supported
Resolution	25/30fps@720P	Day/Night	Auto(ICR)/Manual
OSD Menu	Supported	White Balance	Supported
BLC	N/A	Noise Reduction	2D DNR
WDR	DWDR		

### General

Working Temperature	-30°C~+60°C	Dimensions	Φ93x70mm
Working Humidity	10~90%	Net Weight	0.13KG
Power Supply	DC12V±10%	Gross Weight	0.2KG
Power Consumption	<3.2W(IR off)		

### Ordering Information

Type	Part Number	Description
720P Camera	ES-31A11A	720P Analog Camera(2.8mm Lens)

### Dimensions (mm)

