

# ES-35J11/12B | P series

5MP IR Eyeball Analog Camera



- 1/2.5" 5MP COMS
- AHD/TVI/CVI/CVBS Video Output
- IR Effective Range 10~20m
- High Quality Optical Lens 2.8mm/3.6mm Optional
- Lightning Protection up to 6KV
- IP67 Ingress Protection



## System Overview

P series HD analog camera adopts advanced 4-in-1 ISP and 1/2.5" image sensor, featured by the excellent image details with wide FOV, compact design with unique 1-key installation base. It offers built-in UTC function to switch the signal output flexibly among the 4 popular formats. 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 through RG59/RG6 coaxial cables respectively.

### Smart IR

P series is designed with smart IR function to avoid 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 4-in-1 Technology

P series is built-in with advanced 4-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/CVBS. 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, it stands against water and dust with industrial IP67 rank.

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

With working temperature range 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-35J11B	ES-35J12B	Effective Pixels	2592(H)*1944(V)
Image Sensor	1/2.5" 5MP COMS		S/N Ratio	More than 52dB
Scanning System	Progressive		IR Distance	10~20m
Min. Illumination	0.01Lux/F2.0(color) 0 Lux with IR on		IR LED No.	1

### Lens

Focal Length	2.8mm	3.6mm	FOV	89°	85°
Aperture	F2.0				

### Video

Video Output	AHD/TVI/CVI/CVBS	Defog	Supported
Resolution	20fps@5MP	AGC	Supported
OSD Menu	Supported	Day/Night	Auto(ICR)/Manual
BLC	Supported	White Balance	Supported
WDR	120dB	Noise Reduction	2D/3D DNR

### General

Working Temperature	-30°C~+60°C	Ingress Protection	IP67
Working Humidity	10~90%	Dimensions	Ø85.65x95mm
Power Supply	DC12V±10%	Net Weight	0.25KG
Power Consumption	<3.2W(IR cut off)	Gross Weight	0.28KG

### Ordering Information

Type	Part Number	Description
5MP Camera	ES-35J11B	5MP Analog Camera(2.8mm Lens)
	ES-35J12B	5MP Analog Camera(3.6mm Lens)

### Dimensions (mm)

