

# ES-34F11/12H

4MP IR Eyeball Analog Camera



- 1/3" 4MP Sensor
- 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 1/3" image sensor, featured by the excellent HD image quality, compact design with unique 1-key installation base. It offers built-in UTC function to switch the signal output flexibly among the 4 popular technologies. It's ideal solution for SMB solution with high cost-performance ratio and simplicity for installation.

## Functions

### Long Distance Transmission

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

### Smart IR

P 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 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 extreme unstable power condition.

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

## Technical Parameters

### Camera

Model	ES-34F11H	ES-34F12H	Effective Pixels	2560(H)*1440(V)
Image Sensor	1/3" 4MP Sensor		S/N Ratio	More than 52dB
Scanning System	Progressive		IR Distance	10~20m
Min. Illumination	Color: 0.01Lux@(F1.2, AGC ON), 0 Lux with IR B/W: 0.001Lux@(F1.2, AGC ON), 0 Lux with IR		IR LED No	1

### Lens

Focal Length	2.8mm	3.6mm	FOV	89°	83°
Aperture	F2.0				

### Video

Video Output	AHD/TVI/CVI/CVBS	AGC	Supported
Resolution	25/30fps@4MP	Day/Night	Auto(ICR)/Manual
OSD Menu	Supported	White Balance	Supported
BLC	Supported	Noise Reduction	2D DNR
WDR	DWDR		

### General

Working Temperature	-30℃~+60℃	Ingress Protection	IP67
Working Humidity	10~90%	Dimensions	Φ102x93.2mm
Power Supply	DC12V±10%	Net Weight	0.2KG
Power Consumption	<3.2W(IR cut off)	Gross Weight	0.41KG

### Certifications

CE	EN55032, EN55024, EN61000-3-2, EN61000-3-3	FCC	Part 15 Subpart B, ANSI C63.4-2014
----	--	-----	------------------------------------

## Ordering Information

Type	Part Number	Description
4MP Camera	ES-34F11H	4MP Analog Camera(2.8mm Lens)
	ES-34F12H	4MP Analog Camera(3.6mm Lens)

### Dimensions (mm)

