

ES-34F11/12J

4MP Plastic 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



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

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

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

Technical Parameters

Camera

| | | | | |
|-------------------|---|-----------|------------------|-----------------|
| Model | ES-34F11J | ES-34F12J | 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 C ~+60 C | Ingress Protection | N/A |
| Working Humidity | 10~90% | Dimensions | Φ92x78mm |
| Power Supply | DC12V±10% | Net Weight | 0.15KG |
| Power Consumption | <3.2W(IR cut off) | Gross Weight | 0.2KG |

Ordering Information

| Type | Part Number | Description |
|------------|-------------|-------------------------------|
| 4MP Camera | ES-34F11J | 4MP Analog Camera(2.8mm Lens) |
| | ES-34F12J | 4MP Analog Camera(3.6mm Lens) |

Dimensions (mm)

