

EL-35J281 | P series

5MP IR Eyeball Analog Camera



- 1/2.7" 5MP Sensor
- AHD/TVI/CVI/CVBS Video Output
- IR Effective Range 20~30m
- High Quality Motorized Lens 2.8~12mm
- Lightning Protection up to 6KV
- IP67 Ingress Protection



System Overview

P series HD analog camera adopts advanced 4-in-1 ISP and 1/2.7" image sensor, featured by the excellent image details. 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°C to $+60^{\circ}\text{C}$, it works well in a variety of harsh outdoor environments.

Technical Parameters

Camera

Model	EL-35J28I	Effective Pixels	2592(H)*1944(V)
Image Sensor	1/2.7" 5MP Sensor	S/N Ratio	More than 52dB
Scanning System	Progressive	IR Distance	20~30m
Min. Illumination	0.01Lux/F1.4(color) 0 Lux with IR on	IR LED No.	2

Lens

Focal Length	Motorized 2.8~12mm	FOV	46°~104°
Aperture	F1.4		

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

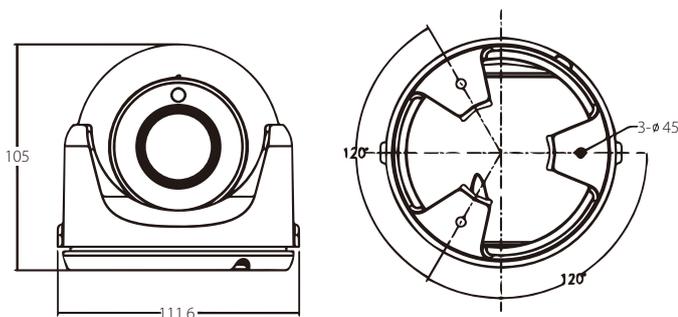
General

Working Temperature	-30°C~+60°C	Ingress Protection	IP67
Working Humidity	10~90%	Dimensions	Φ111.6*105mm
Power Supply	DC12V±10%	Net Weight	0.4KG
Power Consumption	<3.2W(IR cut off)	Gross Weight	0.64KG

Ordering Information

Type	Part Number	Description
5MP Camera	EL-35J28I	5MP Analog Camera(2.8-12mm Lens)

Dimensions (mm)



More details