

BS-31A11M | EZ series

720P Plastic IR Bullet Analog Camera



- 1/4" 720P CMOS
- AHD/TVI/CVI Video Output
- IR Effective Range 10~20m
- High Quality Optical Lens 2.8mm
- IP66 Ingress Protection



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 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

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, it stands against water and dust with industrial IP66 rank.

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

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

Technical Parameters

Camera

| | | | |
|-------------------|---|------------------|----------------|
| Model | BS-31A11M | 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 | 12 |

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 | 160(L)*56(W)*70(H)mm |
| Working Humidity | 10~90% | Net Weight | 0.15KG |
| Power Supply | DC12V±10% | Gross Weight | 0.25KG |
| Power Consumption | <3.2W(IR off) | | |

Ordering Information

| Type | Part Number | Description |
|-------------|-------------|--------------------------------|
| 720P Camera | BS-32A11M | 720P Analog Camera(2.8mm Lens) |

Dimensions (mm)

