

BS-32E12K/13K

2MP Low Light IR Bullet Analog Camera



- 1/2.9" 2MP Sony Low light Sensor
- AHD/TVI/CVI/CVBS Video Output
- IR Effective Range 10~20m
- High Quality Optical Lens 3.6mm/6mm Optional
- Lightning Protection Up to 6KV
- IP67 Ingress Protection



System Overview

E series HD analog camera adopts advanced 4-in-1 ISP and 1/2.9" image sensor, featured by the excellent low light 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 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

E 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

E 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°C to $+60^{\circ}\text{C}$, it works well in a variety of harsh outdoor environments.

Technical Parameters

Camera

| | | | | |
|-------------------|---|-----------|------------------|-----------------|
| Model | BS-32E12K | BS-32E13K | Effective Pixels | 1920(H)*1080(V) |
| Image Sensor | 1/2.9" 2MP Sony Low Light 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 | 3.6mm | 6mm | FOV | 85° | 56° |
| Aperture | F2.0 | | | | |

Video

| | | | |
|--------------|------------------|-----------------|------------------|
| Video Output | AHD/TVI/CVI/CVBS | AGC | Supported |
| Resolution | 25/30fps@1080P | 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 | IP67 |
| Working Humidity | 10~90% | Dimensions | 160.3 (L)*63.4 (W)*64.5 (H)mm |
| Power Supply | DC12V±10% | Net Weight | 0.2KG |
| Power Consumption | <3.2W(IR cut off) | Gross Weight | 0.41KG |

Certifications

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

Ordering Information

| Type | Part Number | Description |
|------------|-------------|-------------------------------|
| 2MP Camera | BS-32E12K | 2MP Analog Camera(3.6mm Lens) |
| | BS-32E13K | 2MP Analog Camera(6mm Lens) |

Dimensions (mm)

