

## ● BS1224K

## KEY FEATURES



- Resolution: 4K(3840X2160), 1080p
- Zoom: 10X, Digital Zoom
- Video Output: IP
- IR Illumination: 40 meters Adaptive
- Environmental: IP67
- Power: AC 24V, POE 80W
- ONVIF Compliant

## DESIGN



- Double sided coating on optical glass with dust and water resistant properties.
- High definition coating to allow increased penetration of light.



- Hardened metal alloy casing shape are ideal for extreme weather condition use.
- Extra vertical 15° tilt angle gives greater view of upper area.



- IP67 rating for protection against moisture and dust
- Corrosion resistant treated housing for salt spray environment use.
- Built in Heater-Blower for minimizing possible effects of condensation under severe temperature changes.



- Built in Pressure Equalization to protect internal components and motor performance under extreme conditions.

## FUNCTIONALITY

- IP video resolution supports MP 4K(3840x2160)/30, 1080p/30. Video Output: IP (H.264/H.265), Triple video streaming.
- True WDR: 120dB
- Tail-Cable Type A provides additional features: Alarm Input/Output, RS485(Not Activated), Audio In/Out, CVBS video. 3D Positioning
- IR Illumination: 40 meters Adaptive
- 2.8 to 12mm Digital Zoom



Tail-Cable Type N



Tail-Cable Type A

# Product Specification

|                              |   |
|------------------------------|---|
| <b>Model No.</b>             | <b>BS1224K</b>  |
| <b>Camera</b>                | <b>10X</b>  |
| Image Sensor                 | 1/1.7" CMOS 4MP   |
| Lens                         | 2.8 to 12mm, 10X Digital Zoom   |
| Horizontal Angle of View     | 59.6°(W)~3.9°(T)  |
| Aperture                     | F1.5(W)~F3.4(T)   |
| Min. Illumination            | 0.025 lux(F1.5, AGC ON, Color), 0.0025 lux(F1.5, AGC ON, B/W)   |
| Shutter Speed                | 1/6~1/8000s   |
| Focus                        | Auto, Push  |
| White Balance                | Auto, Manual  |
| Exposure                     | Auto,Manual,Shutter/Iris Priority Star Light ( Night Vision with Color  |
| Day/Night                    | YES   |
| Backlight Compensation       | YES, 120db  |
| WDR                          |   |
| Privacy Zone Masking         | YES   |
| Defog                        | YES   |
| Motion Detection             | YES,  |
| Noise Reduction              | 2D/3D   |
| S/N Ratio                    | ≥50db   |
| <b>Mechanical</b>            |   |
| Pan Movement                 | (Zoom Adaptive Speed Range: 0.1°~150°/S )   |
| Tilt Movement                | Vertical:+90° to -15° (Zoom Adaptive Speed Range: 0.1°~90°/S) (optional )                                     |
| Preset Position              | 255 ( Preset Speed: 150°/S) ( Optional)   |
| Home Position                | YES   |
| Cruise                       | Support up to 8 different path movements (optional)   |
| Environmental                | Outdoor/Indoor, IP67, Corrosion Resistant Treated Housing   |
| Infrared                     | The adaptive infrared can be synchronized with different zoom angle. Illumination distance is up to 40Meters. |
| <b>Network</b>               |   |
| Video Compression            | MJPEG,H.264, H.265  |
| Resolution/Frame Rate        | 4.0MP(3072X1728)30/25; 2560*2048p:30/25; 2560*1920P30/25;   |
| Protocols                    | L2TP,IPv4,IGMP,ICMP,ARP,TCP,UDP,DHCP,PPPoE,RTP,RTSP,QoS,DNS,DDNS,NTP,FTP,UPnP,HTTP,SNMP,SIP                   |
| Multi-stream                 | 3 data stream function will satisfy various bandwidth, frame rates and storage requirements in real time      |
| Audio Compression            | AAC-LC Broadband Audio Encoding   |
| OSD                          | Customized OSD  |
| Compatible Integration       | ONVIF 2.4   |
| <b>Interface</b>             |   |
| Network                      | 10M/100M/1000M Base-TX Ethernet, RJ45   |
| Video: Analog (Tail-Cable A) | 1XBNC   |
| Audio I/O (Tail-Cable A)     | Input: Impedance 35kΩ, Amplitude 2V [p-p]; Output: Impedance 600kΩ, Amplitude 2V [p-p]                        |
| Alarm I/O (Tail-Cable A)     | Alarm Input X1, Alarm Output 1X1  |
| Control (Tail-Cable A)       | RS485 (Not Activated)   |
| Edge Storage                 | Micro SD, Up to 128GB (Optional)  |
| <b>General</b>               |   |
| Operating Temperature        | -40°C to +60°C  |
| Operating Humidity           | 80% Suitable for Use  |
| Power Input                  | AC 24V, PoE 80W Ready ( PoE 80W Injector needed, optional)  |
| Power Consumption            | 10W ( Close IR ) 20W ( Open IR )  |
| Dimension                    | Φ210×333mm  |
| Weight                       | 1.8kg   |
| Rain Wiper                   |   |

## ORDER INFORMATION

- BS1224K (IP)
- PoE 80W Power Injector sold seperately. Model number:BL-PP80
- Tail-Cable Type N camera (model without A) is available for special order.

All models and specifications are subject to change without notice.