

BS-85202B | BioEco Series

2MP Fixed Lens Face Detection Bullet IP Camera













- 1/2.9" 2MP CMOS sensor
- · H.265 dual stream encoding
- · 3.6mm high-quality optical lens
- 30m IR effective range
- Built-in PoE
- Embedded face detection algorithm
- · White/Black list alarm deployment
- Intelligent video analytics available
- · Multiple web browsers supported
- P2P cloud remote viewing by Mobile Application/VMS
- Lightning protection up to 6kV
- IP67 metal casing

System Overview

BioEco Series is a super cost-efficient solution that is powered by cutting-edge technology for crystal clear video monitoring with embedded face detection algorithm, the camera supports White/Black list event alarm deployment in different scenarios. The camera also supports multiple industry-leading Intelligent video analytic functions, such as Face Detection, Line Crossing, Intrusion, Object Left/Lost, Counting for smart event alarms. The P2P cloud function is built-in for every device, allowing more convenient and flexible remote real-time viewing and monitoring.

Functions

H.265

H.265 technology is an evolutionary optimization of traditional H.264; it includes a series of encoding strategies such as dynamic ROI, smart 2D&3D noise reduction, and so on, for delivering high-quality videos, and significantly saving up to 70% bandwidth and storage.

Protection

With the precise mechanical and rugged metal casing design, IP cameras of the BioEco series rated IP67 could stand against water and dust for a long time.

With 10% of input voltage tolerance, the cameras could work safely under extreme or unstable power conditions.

With a working temperature range from -30°C to 60°C, the cameras could adapt to a variety of harsh outdoor environments.

Technical Parameters

| Camera | | | | | |
|----------------------------|--|--|------------------------|---------------|--|
| Model | BS-852O22B | | Flash / DDR | 128Mb / 512Mb | |
| Image Sensor | 1/2.9" CMOS | | IR LED No. | 2 | |
| Effective Pixels | 1920*1080 | | IR Distance | 30m | |
| Min. Illumination | Color: 0.08Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(AGC ON) | | S/N Ratio | >52dB | |
| Lens | | | | | |
| Lens Type | Fixed | | Aperture | F2.0 | |
| Mount Type | Board-in | | FOV | 87° | |
| Focal Length | 3.6mm | | Optical Zoom | N/A | |
| Video | | | | | |
| Compression | H.265 / H.264 | | WDR | DWDR | |
| Resolution | 1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720) | | Day / Night | Support | |
| Bitrate Control | CBR/VBR | | White Balance | Support | |
| Bitrate | H.265:1536Kbps-4Mbps H.264:1792Kbps-4Mbps | | Defog | Support | |
| Multi-Streaming | Main stream | 1080P@25fps / 960P@25fps / 720P@25fps | Noise Reduction | 2D/3D DNR | |
| | Sub stream | D1@25fps / VGA@25fps / CIF@25fps | Mirror/Flip | Support | |
| | Third Stream | N/A | Corridor Mode | Support | |
| Motion Detection | Support | | HLC | N/A | |
| Digital Zoom | Support | | BLC | Support | |
| Audio Compression | G7.11u | | ROI | 4 areas | |
| Privacy Mask | 5 areas | | Anti-flicker | Support | |
| IVA | | | | | |
| Intelligent Video | Face Detection / Line Crossing / Intrusion / Object Left / Lost / Counting / Video Tampering | | | | |
| Facial Detection | | | | | |
| Face Templates | N/A | | Face Quality Filtering | Support | |
| Face Detected per Frame | | 30 | Detection Area | User-defined | |
| Detected Face Size | 80x | 80~300x300 Pixels | Capture Response | ≤1s | |

| Network | | | | | | |
|--|---|---------------------|--|--|--|--|
| Protocol | TCP/IP, UDP, HTTP, DHCP, RTSP, NTP Management Software (VMS) | | AntarVis 2.0 ZKBioSecurity IVS BioAccess IVS | | | |
| Interoperability | ONVIF Profile S, SDK, API | Operation System | Windows | | | |
| Max. Online Users | 3 | Mobile APP | AntarView Pro | | | |
| Web Browser | IE / Firefox / Chrome / Safari | P2P Cloud Service | Support | | | |
| Note: Video streaming is not available for Firefox/Chrome/Safari | | | | | | |
| Interface | | | | | | |
| Ethernet | 1 RJ-45 port (10/100Mbps) | Reset Button | N/A | | | |
| Audio I/O | N/A | Micro-SD Slot | N/A | | | |
| Alarm I/O | N/A | ANR | N/A | | | |
| RS485 | N/A | USB | N/A | | | |
| General | | | | | | |
| Power Supply | PoE (IEEE802.3af), DC 12V±10% | Working Temperature | -30°C ~ 60°C | | | |
| Power Consumption | <3W | Working Humidity | 10% ~ 90% | | | |
| Ingress Protection | IP67 | Net Weight | 0.26kg | | | |

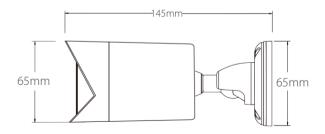
Order Information

Dimensions (L*W*H)

| Camera | Model | Description |
|------------|------------|---|
| 2MP Camera | BS-852O22B | 2MP Fixed Lens Face Detection Bullet IP Camera |

Gross Weight

Dimensions (mm)





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145 * 65 * 65 (mm)

0.37kg