

BL-852038S | BioEco Series

2MP Motorized Lens Face Detection Bullet IP Camera



- 1/2.9" 2MP CMOS sensor
- H.265 dual stream encoding
- High quality optical lens: 3.35~10.05mm
- 50m 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 | BL-852038S | Flash / DDR | 128Mb / 512Mb |
| Image Sensor | 1/2.9" CMOS | IR LED No. | 2 |
| Effective Pixels | 1920*1080 | IR Distance | 50m |
| Min. Illumination | Color: 0.1Lux@F1.2 (AGC ON) B/W: 0.001Lux@F1.2 (AGC ON) | S/N Ratio | >52dB |

Lens

| | | | |
|--------------|----------------|--------------|-----------|
| Lens Type | Motorized | Aperture | F1.7~F3.0 |
| Mount Type | Board-in | FOV | 38°~101° |
| Focal Length | 3.35mm~10.05mm | Optical Zoom | 3X |

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 | 80x80~300x300 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 | 1/0 | 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 | 0.50kg |
| Dimensions (L*W*H) | 246 * 85 * 76 (mm) | Gross Weight | 0.64kg |

Order Information

| Camera | Model | Description |
|------------|------------|--|
| 2MP Camera | BL-852O38S | 2MP Motorized Lens Face Detection Bullet IP Camera |

Dimensions (mm)

