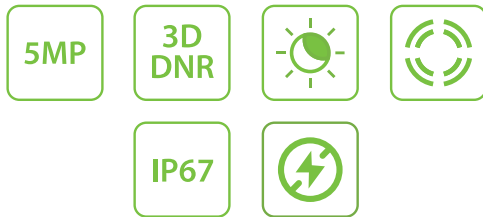


DL-855P28B | BioPro Series

5MP Starlight Motorized Lens Facial Recognition Dome IP Camera



- 1/2.8" 5MP Sony STARVIS CMOS sensor
- H.265+ triple-stream encoding
- High quality optical lens: 2.8~12mm
- 30m IR effective range
- Built-in PoE
- An embedded facial recognition algorithm
- Capacity of 2,000 face templates in the camera
- White/Black-list alarm deployment
- Intelligent video analytics available
- Multiple web browsers supported
- Remote viewing with mobile application or VMS
- Lightning protection up to 6KV
- IP67 metal casing

System Overview

Powered by Sony STARVIS's sensor providing excellent night vision, couple with true WDR and cutting-edge technology, the BioPro series of 5MP starlight IP cameras is a professional project-oriented solution for ideal images and video surveillance in indoor and outdoor environments from day to night.

With embedded facial recognition algorithm, cameras of the BioPro series could accurately capture and compare the acquired face data with face templates stored in the database. It also supports White/Black list event alarm deployment in different scenarios.

The BioPro series also offers multiple industry-leading Intelligent video analytic functions, such as Face Detection, Line Crossing, Intrusion, Object Left/Lost, Counting, for smart event alarms.

Cloud function is built-in for every device which is more convenient and flexible for remote real-time viewing. The BioPro series 5MP IP cameras also supports registration of face templates remotely from the mobile Application AntarView Pro which provides great convenient user experience.

Functions

H.265+

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

Protection

With its precise mechanical and rugged metal casing design, IP cameras of the BioPro 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 | DL-855P28B | Flash / DDR | 1Gb / 4Gb |
| Image Sensor | 1/2.8" SONY CMOS | IR LED No. | 4 |
| Effective Pixels | 2592*1944 | IR Distance | 30m |
| Min. Illumination | Color: 0.01Lux@F1.4-F2.8 (AGC ON) B/W: 0.001Lux@F1.4-F2.8 (AGC ON) | S/N Ratio | >52dB |

Lens

| | | | |
|--------------|------------|--------------|-----------|
| Lens Type | Motorized | Aperture | F1.4-F2.8 |
| Mount Type | Board-in | FOV | 40°~98° |
| Focal Length | 2.8mm-12mm | Optical Zoom | 3X |

Video

| | | | |
|-------------------|---|-----------------|-----------|
| Compression | H.265+ / H.265 / H.264 | WDR | TWDR |
| Resolution | 5MP (2592 × 1944)/4MP (2592 × 1520) / 3MP (2304 × 1296) / 1080P (1920 × 1080) / 1.3MP (1280 × 960) / 720P (1280 × 720) | Day / Night | Support |
| Bitrate Control | CBR / VBR | White Balance | Support |
| Bitrate | 16Mbps ~ 20Mbps | Defog | N/A |
| Multi-Streaming | Main Stream: 5M@25fps / 4MP@25fps / 3MP@25fps / 2MP@25fps | Noise Reduction | 2D/3D DNR |
| | Sub Stream: 720P@25fps / D1@25fps / VGA@25fps / CIF@25fps | Mirror/Flip | Support |
| | Third Stream: 720P@25fps / D1@25fps / VGA@25fps / CIF@25fps | Corridor Mode | Support |
| Motion Detection | Support | HLC | Support |
| Digital Zoom | Support | BLC | N/A |
| Audio Compression | G7.11u | ROI | 4 areas |
| Privacy Mask | 5 areas | Anti-flicker | Support |

IVA

| | |
|-------------------|---|
| Intelligent Video | Facial Recognition / Line Crossing / Intrusion / Object Left / Lost / Counting / Video Tampering / Fire Detection / Abnormal Sound / VQA |
|-------------------|---|

Facial Recognition

| | | | |
|-------------------------|------------------------|------------------------|--------------|
| Face Templates | 2,000 | 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, DDNS, NTP, PPPoE, UPnP, SMTP | Management Software (VMS) | AntarVis 2.0 ZKBioSecurity IVS BioAccess IVS |
| Interoperability | ONVIF Profile S, SDK, API | Operation System | Windows |
| Max. Online Users | 5 | 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 | 1/1 | 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), DC12V±10% | Working Temperature | -30°C ~ 60°C |
| Power Consumption | <3W | Working Humidity | 10% ~ 90% |
| Ingress Protection | IP67 | Net Weight | 0.50kg |
| Dimensions | Φ102 * 93.2 (mm) | Gross Weight | 0.70kg |

Order Information

| Camera | Model | Description |
|------------|------------|--|
| 5MP Camera | DL-855P28B | 5MP Starlight Motorized Lens Facial Recognition Dome IP Camera |

Dimensions (mm)

