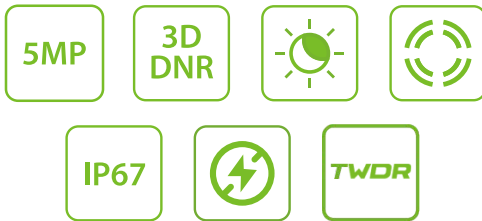


# DL-855P28B-S7 | Pro Series

## 5MP Motorized Lens Face Detection Dome IP Camera



- 1/2.7" CMOS sensor
- H.265 Dual stream encoding
- High quality optical lens: 3.6~10.8mm
- 120 db true WDR
- 30m IR effective range
- Built-in PoE
- An embedded face detection algorithm
- Intelligent video analytics available
- Multiple web browsers supported
- P2P cloud remote viewing by Mobile Application/VMS
- Lightning protection up to 6kV
- IP67 metal casing & IK10

## System Overview

Pro 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 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 greatly saving up to 70% bandwidth and storage.

### Protection

With the precise mechanical and rugged metal casing design, IP cameras of the Pro 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 ~ 60°C, the cameras could adapt to a variety of harsh outdoor environments.

## Technical Parameters

### Camera

|                   |                                                                    |             |             |
|-------------------|--------------------------------------------------------------------|-------------|-------------|
| Model             | DL-855P28B-S7                                                      | Flash / DDR | 128Mb / 1Gb |
| Image Sensor      | 1/2.7" CMOS                                                        | IR LED No.  | 4           |
| Effective Pixels  | 2592*1944                                                          | IR Distance | 30m         |
| Min. Illumination | Color: 0.01Lux@F1.7~3.3 (AGC ON)<br>B/W: 0.001Lux@F1.7~3.3 (IR ON) | S/N Ratio   | >52dB       |

### Lens

|              |              |              |           |
|--------------|--------------|--------------|-----------|
| Lens Type    | Motorized    | Aperture     | F1.7~F3.3 |
| Mount Type   | Board-in     | FOV          | 35°~95°   |
| Focal Length | 3.6mm~10.8mm | Optical Zoom | 3X        |

### Video

|                   |                                                                                                                                  |                                                                               |                 |                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|----------------|
| Compression       | H.265 / H.264                                                                                                                    |                                                                               | WDR             | 120db True WDR |
| Resolution        | 5MP(2592 x 1994) / 4MP (2688 x 1520) /<br>3MP (2304 x 1296) /<br>1080P (1920 x 1080) /<br>1.3MP (1280 x 960) / 720P (1280 x 720) |                                                                               | Day / Night     | Support        |
| Bitrate Control   | CBR / VBR                                                                                                                        |                                                                               | White Balance   | Support        |
| Bitrate           | H.265: 3Mbps - 8Mbps<br>H.264: 3Mbps - 8Mbps                                                                                     |                                                                               | Defog           | N/A            |
| Multi-Streaming   | Main stream                                                                                                                      | 5MP@25fps/ 4MP@25fps /<br>3MP@25fps /1080P@25fps<br>/ 960P@25fps / 720P@25fps | Noise Reduction | 2D/3D DNR      |
|                   | Sub stream                                                                                                                       | D1@25fps / VGA@25fps /<br>CIF@25fps                                           | Mirror/Flip     | Support        |
|                   | Third stream                                                                                                                     | N/A                                                                           | Corridor Mode   | Support        |
| Motion Detection  | Support                                                                                                                          |                                                                               | HLC             | Support        |
| Digital Zoom      | Support                                                                                                                          |                                                                               | BLC             | Support        |
| Audio Compression | G7.11u                                                                                                                           |                                                                               | ROI             | 4 areas        |
| Privacy Mask      | 4 areas                                                                                                                          |                                                                               | Anti-flicker    | Support        |

### IVA

|                   |                |
|-------------------|----------------|
| Intelligent Video | Face Detection |
|-------------------|----------------|

### Facial Detection

|                         |                      |                        |              |
|-------------------------|----------------------|------------------------|--------------|
| Face Templates          | N/A                  | Face Quality Filtering | Support      |
| Face Detected per Frame | 6                    | Detection Area         | User-defined |
| Detected Face Size      | 80x80~300x300 Pixels | Capture Response       | ≤200ms       |

## Network

|                   |                                     |                           |                                                      |
|-------------------|-------------------------------------|---------------------------|------------------------------------------------------|
| Protocol          | TCP/IP,UDP,HTTP,DHCP,RTSP,NTP, RTMP | Management Software (VMS) | AntarVis 2.0<br>ZKBioSecurity IVS<br>ZKBioAccess 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                                              |

## Interface

|           |                           |               |                     |
|-----------|---------------------------|---------------|---------------------|
| Ethernet  | 1 RJ-45 port (10/100Mbps) | Reset Button  | Support             |
| Audio I/O | 1/0                       | Micro-SD Slot | Support (Max 256GB) |
| Alarm I/O | 2/1                       | ANR           | N/A                 |
| RS485     | Support                   | USB           | N/A                 |

## General

|                    |                               |                     |               |
|--------------------|-------------------------------|---------------------|---------------|
| Power Supply       | PoE (IEEE802.3af), DC 12V±10% | Working Temperature | -30°C to 60°C |
| Power Consumption  | <3W                           | Working Humidity    | 10% to 90%    |
| Ingress Protection | IP67,IK10                     | Net Weight          | 0.50kg        |
| Dimensions         | Φ102 * 93.3(mm)               | Gross Weight        | 0.64kg        |

## Order Information

| Camera     | Model         | Description                                      |
|------------|---------------|--------------------------------------------------|
| 5MP Camera | DL-855P28B-S7 | 5MP Motorized Lens Face Detection Dome IP Camera |

## Dimensions (mm)

