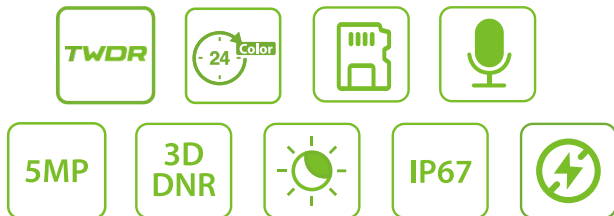


# BS-855P11T-S7-C-MI | Full Color Series

## 5MP Full Color Face Detection Bullet IP Camera with micro-SD slot



- 1/2.7" CMOS sensor
- H.265 triple stream encoding
- 2.8mm high-quality optical lens
- 120 db true WDR
- White light range 20m
- Built-in PoE & Microphone
- Built-in micro-SD card slot (support max. 256GB)
- An embedded face detection algorithm
- Multiple web browsers supported
- P2P cloud remote viewing by Mobile Application/VMS
- Lightning protection up to 6kV
- IP67 metal casing

### System Overview

ZKTeco's full-color series camera empowers by the cutting edge F1.0 large aperture lens and warm white LED illuminators, presenting a high-quality color image with rich details in complete darkness conditions. This full-color series camera promises to deliver precise identification and upgrades the function with an embedded micro-SD card slot, supporting maximum 256GB. The 5MP full-color series also offers multiple industry-leading face detection for smart face deployment alarms. Moreover, the P2P cloud function is built-in for every device, enhancing convenience and flexibility for remote real-time viewing

### Functions

#### Full-color & Starlight

It adopts an F1.0 large aperture lens and a 1/2.7" high-performance GalaxyCore sensor. With a higher amount of absorbed light and an advanced image processing algorithm, the camera presents an impressive low-light performance with an exceptional balance between noise reduction and the blur of moving objects. In addition, with four pieces of warm white LED illuminators, the camera can provide a colorful and vivid image in complete darkness.

#### 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 significantly saving up to 70% bandwidth and storage.

#### Micro-SD Card Slot

The models which are built-in with a micro-SD card slot enable installing a micro-SD card with a maximum 256GB capacity. This micro-SD card slot brings great convenience for the portable short time video recording. In addition, the ANR function helps to keep the video data safer when a sudden or temporary network interruption circumstance occurs.

#### Protection

With its precise mechanical and rugged metal casing design, IP cameras of the Full Color 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 various harsh outdoor environment.

## Technical Parameters

### Camera

|                   |                                |                      |             |
|-------------------|--------------------------------|----------------------|-------------|
| Model             | BS-855P11T-S7-C-MI             | Flash / DDR          | 128Mb / 1Gb |
| Image Sensor      | 1/2.7"CMOS                     | White Lights No.     | 4           |
| Effective Pixels  | 2592*1944                      | White Light Distance | 20m         |
| Min. Illumination | Color: 0.0001Lux@F1.0 (AGC ON) | S/N Ratio            | >52dB       |

### Lens

|              |          |              |      |
|--------------|----------|--------------|------|
| Lens Type    | Fixed    | Aperture     | F1.0 |
| Mount Type   | Board-in | FOV          | 110° |
| Focal Length | 2.8mm    | Optical Zoom | N/A  |

### Video

|                   |                                                                                                                                |                                                                               |                 |                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|----------------|
| Compression       | H.265 / H.264                                                                                                                  |                                                                               | WDR             | 120db True WDR |
| Resolution        | 5MP(2560x1920) / 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: 4Mbps - 16Mbps<br>H.264: 5Mbps - 20Mbps                                                                                 |                                                                               | 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      | 5 areas                                                                                                                        |                                                                               | Anti-flicker    | Support        |

### IVA

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

### Face Detection

|                         |                      |                        |              |
|-------------------------|----------------------|------------------------|--------------|
| Face Templates          | N/A                  | Face Quality Filtering | Support      |
| Face Detected per Frame | 5                    | Detection Area         | User-defined |
| Detected Face Size      | 80x80~300x300 Pixels | Capture Response       | ≤200ms       |

**Network**

|                      |                                                                          |                           |                                                      |
|----------------------|--------------------------------------------------------------------------|---------------------------|------------------------------------------------------|
| Protocol             | TCP/IP, UDP, HTTP, HTTPS, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, RTMP | Management Software (VMS) | AntarVis 2.0<br>ZKBioSecurity IVS<br>ZKBioAccess IVS |
| Interoperability     | ONVIF, SDK, API                                                          | Operation System          | Windows                                              |
| Maximum 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 | Built-in Mic for audio in | Micro-SD Slot | Support (max. 256GB) |
| Alarm I/O | N/A                       | ANR           | Support              |
| RS485     | N/A                       | USB           | N/A                  |

**General**

|                    |                             |                       |              |
|--------------------|-----------------------------|-----------------------|--------------|
| Power Supply       | PoE, DC 12V±10%             | Operating Temperature | -20°C ~ 55°C |
| Power Consumption  | <3.7W                       | Operating Humidity    | 0% ~ 90%     |
| Ingress Protection | IP67                        | Net Weight            | 0.40kg       |
| Dimensions (L*W*H) | 180.80 * 75.30 * 66.20 (mm) | Gross Weight          | 0.52kg       |

**Order Information**

| Camera     | Model              | Description                                    |
|------------|--------------------|------------------------------------------------|
| 5MP Camera | BS-855P11T-S7-C-MI | 5MP Full Color Face Detection Bullet IP Camera |

**Dimensions (mm)**