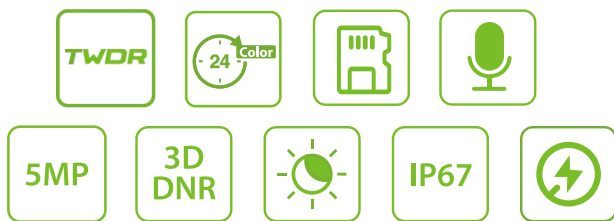


# BS-855P12T-S7-C-MI | Full Color Series

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



- 1/2.7" CMOS sensor
- H.265 triple stream encoding
- 3.6mm 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 camera could adapt to various harsh outdoor environment.

## Technical Parameters

### Camera

Model	BS-855P12T-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	87°
Focal Length	3.6mm	Optical Zoom	N/A

### Video

Compression	H.265 / H.264		WDR	120db True WDR
Resolution	5MP (2592 x 1944) / 4MP (2688 x 1520) 3MP (2304 x 1296) / 1080P (1920 x 1080) / 1.3MP (1280 x 960) / 720P (1280 x 720)		Day / Night	Support
Bitrate Control	CBR / VBR		White Balance	Support
Bitrate	H.265: 4Mbps - 16Mbps H.264: 5Mbps - 20Mbps		Defog	N/A
Multi-Streaming	Main Stream	5MP@25fps/ 4MP@25fps / 3MP@25fps/ 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	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
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### 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 ZKBioSecurity IVS 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	-30°C to 60°C
Power Consumption	<3.7W	Operating Humidity	0% to 90%RH
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-855P12T-S7-C-MI	5MP Full Color Face Detection Bullet IP Camera

**Dimensions (mm)**