BS-852O12T-S5-C-MI │ Full Color Series
2MP Full Color Bullet IP Camera with micro-SD slot

- 1/2.9" 2MP CMOS sensor
- H.265 dual stream encoding
- 3.6mm high-quality optical lens
- White light range 20m
- Built-in PoE & microphone
- Built-in micro-SD card slot (support max. 256GB)
- Multiple web browsers supported
- P2P cloud remote viewing by Mobile Application/VMS
- Lightning protection up to 6kV
- IP67 metal casing

24 Color | | |

2MP | **3D DNR** | | **IP67** |

System Overview

ZKTeco's full-color series camera presents a high-quality color image with rich details even in total darkness, powered by the cutting edge F1.0 large aperture lens and warm white LED illuminators. Moreover,it is promising to deliver accurate identification round-the-clock. The P2P cloud function is built-in for every device, enhancing the remote real-time viewing function.

Functions

Full-color & Starlight
This full-color camera series adopts an F1.0 large aperture lens and a 1/2.9" high-performance 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. Also, the four pieces of warm white LED illuminators, it can provide a colorful and vivid image in total 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, innovative 2D&3D noise reduction for delivering high-quality videos, and significantly saving up to 70% bandwidth and storage.

Micro-SD Card Slot
The camera embedded with a micro-SD card slot supports installing a micro-SD card with up to 256GB capacity. Also, the camera brings great conveniences for the portable short-time video recording. For example, the ANR function helps keep the video data safer when a sudden or temporary network interruption occurs.

Protection
With a precise mechanical and rugged metal casing design, this full color IP camera series attained IP67 rating, which means the camera has a high grade of water resistance and dust protection.
With 10% of input voltage tolerance, the cameras could work safely under extreme or unstable power conditions. Also, with a working temperature range from -30℃ to 60℃, the cameras could adapt to various harsh outdoor environment.
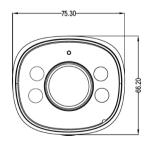
Technical Parameters

Camera

Model	BS-852O12T-S5-C-MI	Flash / DDR	16Mb / 512Mb
Image Sensor	1/2.9" CMOS	IR LED No.	4
Effective Pixels	1920*1080	IR Distance	20m
Minimum Illumination	Color: 0.0001Lux@F1.0 (AGC ON)	S/N Ratio	≥52dB

Lens

Lens Type	Fixed	Aperture	F1.0
Mount Type	Board-in	FOV	85°
Focal Length	3.6mm	Optical Zoom	N/A

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: 128Kbps - 6Mbps H.264: 128Kbps - 6Mbps		Defog	N/A
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	Support
Digital Zoom	Support		BLC	Support
Audio Compression	G7.11u		ROI	4 areas
Privacy Mask	4 areas		Anti-flicker	N/A

IVA

Intelligent Video	N/A

Facial Detection

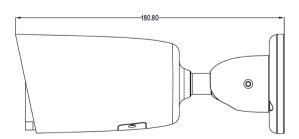|			
Face Templates	N/A	Face Quality Filtering	N/A
Face Detected per Frame	N/A	Detection Area	N/A
Detected Face Size	N/A	Capture Response	N/A

Network

Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, NTP	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℃ to 60℃
Power Consumption	<3.7W	Operating Humidity	0% to 90%RH
Ingress Protection	IP67	Net Weight	0.4kg
Dimensions (L*W*H)	180.80 * 75.30 * 66.20 (mm)	Gross Weight	0.52kg

Order Information

Camera	Model	Description
2MP Camera	BS-852O12T-S5-C-MI	2MP Full Color Bullet IP Camera

Dimensions (mm)