ZKTeco

BS-855P12C-S7-C-MI | Full Color Series
5MP Full Color Face Detection Bullet IP Camera

- 1/2.8" CMOS sensor
- H.265 triple stream encoding
- High-quality optical lens: 3.6mm
- White light range 20m
- An embedded face detection algorithm
- Bulit-in PoE&Microphone
- Multiple web browsers supported
- Remote viewing with mobile application or VMS
- Lightning protection up to 6kV
- IP67 metal casing

5MP | **24 Color** | **3D DNR** | | **IP67** |

System Overview

Powered by the cutting edge F1.0 large aperture lens and warm white LED illuminators, ZKTeco's Full Color series camera presents a high-quality color image with rich details even in total darkness conditions. It's promising to deliver authentic identification 24/7.

The Full Color series also offers multiple industry-leading intelligent Face Detection function for smart face deployment alarms.

The P2P cloud function is built-in for every device, much convenient and flexible for remote real-time viewing.

Functions

Full-color & Starlight
It adopts an F1.0 large aperture lens and a 1/2.8" 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. With 4pcs warm white LED illuminators, it can provide a colorful and vivid image even 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, 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 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℃ to 60℃, the cameras could adapt to various harsh outdoor environments.

Technical Parameters

Camera

Model	BS-855P12C-S7-C-MI	Flash / DDR	128Mb / 1Gb
Image Sensor	1/2.8" CMOS	IR LED No.	4
Effective Pixels	2560*1920	IR Distance	20m
Min. Illumination	Color: 0.01Lux@F1.0	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		5MP(2560x1920) / 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	Support
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	1920X1080@25fps	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

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 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	N/A
Audio I/O	Bulit-in Microphone	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), DC 12V±10%	Working Temperature	-30℃ to 60℃
Power Consumption	<3W	Working Humidity	10% to 90%
Ingress Protection	IP67	Net Weight	0.30kg
Dimensions (L*W*H)	171 * 75 * 66 (mm)	Gross Weight	0.45kg

Order Information

Camera	Model	Description
5MP Camera	BS-855P12C-S7-C-MI	5MP Full Color Face Detection Bullet IP Camera

Dimensions (mm)

Top View

Side View