

# 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















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°C to 60°C, the cameras could adapt to various harsh outdoor environments.

## **Technical Parameters**

Model   BS-855P12C-S7-C-MI   Flash / DDR   128Mio / TGb     Image Sensor   1/7.8°CMOS   IR LED No.   4     Effective Pixels   7560*1970   IR Distance   70m     Min. Illumination   Color. 0.01Lux@F1.0   S/N Ratio   552dB     Lens   Vertical Pixels   7560*1970   IR Distance   70m     Min. Illumination   Color. 0.01Lux@F1.0   S/N Ratio   552dB     Lens   Vertical Pixels   7560*1970   Ratio   7500   85°     Focal Length   3.6mm   Optical Zoom   N/A     Video   Video   Vertical Pixels   7500 / 38Mic / 2364   7480 / 7480 / 7480   7480 / 7480   7480 / 7480   7480 / 7480   7480 / 7480 / 7480   7480 / 7480 / 7480   7480 / 7480 / 7480   7480 / 7480 / 7480   7480 / 7480 / 7480   7480 / 7480 / 7480   7480 / 7480 / 7480   7480 / 7480 / 7480 / 7480   7480 / 7480 / 7480 / 7480   7480 / 74	Camera						
Image Sensor		DC 055D12C C7 C MI		Flach / DDR	128Mb / 1Gb		
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           SMP(2560x1907) / 4MP (2688 x 1520) / 3MP (2304 x 1290) / 1080P (1920 x 1080) / 1280 x 1080) / 1280 x 1080 x 108							
Min. Illumination         Color: 0.01Lox@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         WDR         DWDR           Compression         H.265 / H.264         WDR         DWDR           SMP(2560x1920) / 4MP (2688 x 1520) / 3MP (2304 x 1296) / 1080P (2304 x 1296)         Day / Night         Support           Resolution         SMP(2560x1920) / 4MP (2688 x 1520) / 3MP (2304 x 1296)         Day / Night         Support           Bitrate Control         CBR / VBR         White Balance         Support           Bitrate Control         H.265 / 4MPops - 16MIpbs H.264 / 5MPops - 20Mbps MPops - 20Mbps         Noise Reduction         2D/3D DNR           SMP@25fpx / Main Stream 3MP@25fpx / 960P@25fpx         Noise Reduction         2D/3D DNR           Multi-Streaming         Dia 25fpx / VGA@25fpx         Noise Reduction         2D/3D DNR           Motion Detection         Support         BLC         Support           Motion Detection         Support         BLC <td< th=""><td>_</td><td colspan="2"></td><td></td><td>·</td></td<>	_				·		
Lens Type	Effective Pixels				2011		
Lens Type	Min. Illumination	Color: 0	0.01Lux@F1.0	S/N Ratio	>52dB		
Mount Type         Board-in         FOV         85°           Focal Length         3.6mm         Optical Zoom         N/A           Video           Compression         H.265 / H.264         WDR         DWDR           SMP(2560x1920) / AMP (2688 x 1520) / 3MP (2304 x 1296) / 10800 / 10800 / 10800 x 1080) / 10800 x 10800	Lens						
Pocal Length   3.6mm	Lens Type		Fixed	Aperture	F1.0		
Video         Compression         H.265 / H.264         WDR         DWDR           SMP(2560x1920) / 4MP (2688 x 1520) / 3MP (2304 x 1296) / 1080P (1920 x 1080) / 1080P (1920 x 1080P x	Mount Type		Board-in	FOV	85°		
Compression	Focal Length		3.6mm	Optical Zoom	N/A		
SMP(2560x1920) / 4MP (2688 x 1520) / 3MP (2304 x 1296) / 1080P (1920 x 1080) / 1.3MP (1280 x 960) / 720P (1280 x 720)	Video						
Resolution         3MP (2304 x 1296) / 1080P (1920 x 1080) / 1080P (1920 x 1080) / 1080P (1920 x 1080) / 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         SMP@25fps / 4MP@25fps / Me@25fps / Main Stream 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps         Noise Reduction         2D/3D DNR           Sub Stream         D1@25fps / VGA@25fps / CIF@25fps         Mirror/Flip         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         TCP/IP, UDP, HTTP, HTTPS,DHCP, RTSP, DDNS, NTP, PPPOE, UPNP, SMTP, RTMP         AntarVis 2.0 ZKBioSecurity MS ZKBioAccess IVS           Interoperability         ONVIF Profile S, SDK, API         Operation System         Windows           Max. Online Users         3         Mobile APP         AntarView Pro	Compression		H.265 / H.264	WDR	DWDR		
Bitrate	Resolution	3MP (2304 x 1296) / 1080P (1920 x 1080) /		Day / Night	Support		
H.264: 5Mbps - 20Mbps    Main Stream   SMP@25fps / Me@25fps / 1080P@25fps / 960P@25fps / 960P@25fps / 720P@25fps	Bitrate Control			White Balance	Support		
Main Stream 3MP@25fps/1080P@25fpsNoise Reduction2D/3D DNRMulti-StreamingSub Stream D1@25fps / YGA@25fps / CIF@25fpsMirror/FlipSupportThird Stream 1920X1080@25fpsCorridor ModeSupportMotion DetectionSupportHLCSupportDigital ZoomSupportBLCSupportAudio CompressionG7.11uROI4 areasPrivacy Mask5 areasAnti-flickerSupportIVAIntelligent VideoFace DetectionNetworkProtocolTCP/IP, UDP, HTTP, HTTPS, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, RTMPManagement Software (VMS)ZKBioSecurity IVS ZKBioAccess IVSInteroperabilityONVIF Profile S, SDK, APIOperation SystemWindowsMax. Online Users3Mobile APPAntarView Pro	Bitrate			Defog	Support		
Sub Stream D1@25fps / VGA@25fps / CIF@25fps	Multi-Streaming		3MP@25fps/ 1080P@25fps		2D/3D DNR		
Motion Detection  Support  BLC  Support  Audio Compression  G7.11u  ROI  4 areas  Privacy Mask  5 areas  Anti-flicker  Support  IVA  Intelligent Video  Network  Protocol  TCP/IP, UDP, HTTP, HTTPS, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, RTMP  Interoperability  ONVIF Profile S, SDK, API  Operation System  Management Software (VMS)  Mobile APP  AntarView Pro		Sub Stream		Mirror/Flip	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 Software (VMS)  Interoperability ONVIF Profile S, SDK, API Operation System Windows  Max. Online Users 3 Mobile APP AntarView Pro		Third Stream	1920X1080@25fps	Corridor Mode	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  Interoperability  ONVIF Profile S, SDK, API  Management Software (VMS)  Operation System  Windows  Max. Online Users  Mobile APP  AntarView Pro	Motion Detection	Support		HLC	Support		
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 Software (VMS)  Interoperability ONVIF Profile S, SDK, API Operation System Windows  Max. Online Users 3 Mobile APP AntarView Pro	Digital Zoom	Support		BLC	Support		
Intelligent Video  Network  Protocol  TCP/IP, UDP, HTTP, HTTPS, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, RTMP  Interoperability  ONVIF Profile S, SDK, API  Management Software (VMS)  Operation System  Windows  Max. Online Users  Mobile APP  AntarView Pro	Audio Compression	G7.11u		ROI	4 areas		
Intelligent Video       Face Detection         Network       Network         Protocol       TCP/IP, UDP, HTTP, HTTPS,DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, RTMP       Management Software (VMS)       ZKBioSecurity IVS ZKBioAccess IVS         Interoperability       ONVIF Profile S, SDK, API       Operation System       Windows         Max. Online Users       3       Mobile APP       AntarView Pro	Privacy Mask	5 areas		Anti-flicker	Support		
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	IVA						
ProtocolTCP/IP, UDP, HTTP, HTTPS,DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, RTMPManagement Software (VMS)AntarVis 2.0 ZKBioSecurity IVS ZKBioAccess IVSInteroperabilityONVIF Profile S, SDK, APIOperation SystemWindowsMax. Online Users3Mobile APPAntarView Pro	Intelligent Video	ntelligent Video Face Detection					
Protocol  ICP/IP, UDP, HTTP, HTTPS, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, RTMP  Software (VMS)  ZKBioSecurity IVS ZKBioAccess IVS  Onvil Profile S, SDK, API  Operation System  Max. Online Users  Mobile APP  AntarView Pro	Network						
Max. Online Users 3 Mobile APP AntarView Pro	Protocol				ZKBioSecurity IVS		
	Interoperability	ONVIF Profile S, SDK, API		Operation System	Windows		
Web Browser         IE / Firefox / Chrome / Safari         P2P Cloud Service         Support	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°C to 60°C
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)





