

# BS-858M12/13K

Starlight/WDR 8MP IR Bullet Network Camera



- 1/1.8" 8MP Sony Starvis Sensor
- H.265+ dual-stream encoding
- IR Effective Range 10~20m
- High Quality Optical Lens 3.6mm/6mm Optional
- IVA (Smart Function) Supported
- Multiple Web Browser Supported, IE/Safari/Chrome/Firefox
- P2P Cloud Function By Mobile App (AntarView Pro)
- Lightning Protection Up to 6KV
- IP67 Ingress Protection
- Built-in PoE



## System Overview

W series 8MP IP cameras are high-end project solution which is powered by Starlight, true WDR smart H.265+ and advanced cutting-edge Sony sensor for video monitoring.

It delivers crystal clear images and supports industry-leading IVA smart event alarm

Cloud function is built-in for every single device, which is more convenient and flexible for real time and remote viewing.

## Functions

### H.265+

Delivering high quality video with up to 70% lower bandwidth. H.265+ is the optimized evolution of H.265 and traditional H.264.

The Smart H.265+ includes a series of encoding strategy like Dynamic ROI, smart 2D&3D noise reduction.

### IVA (Intelligent Video Analysis)

It allows detecting multiple object behaviors, like Face Detection, Tripwire, Intrusion, Objects Detection, Target Counting etc.

### Protection

With precise mechanical and rugged casing design, it stands against water and dust with industrial IP67 rank.

Support  $\pm 30\%$  input voltage tolerance, it could work safely in extreme unstable power condition.

With working temperature range  $-30^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ , it works well in a variety of harsh outdoor environments.

## Technical Parameters

### Camera

Model	BS-858M12K	BS-858M13K	Flash/DDR	128MB/256MB
Image Sensor	1/1.8" 8MP Sony Starvis Sensor		S/N Ratio	More than 52dB
Min. Illumination	0.06Lux/F1.6(color) 0 Lux with IR on		IR Distance	10~20m
Effective Pixels	3840(H)* 2160(V)		IR LED No	1

### Lens

Focal Length	3.6mm	6mm	FOV	87°	55°
Aperture	F1.6				

### Video

Compression	H.265+/H.265/H.264	WDR	120dB
Resolution	8MP(3840x2160)/1080P(1920x1080)/1.3M(1280x960)/720P(1280x720)/D1(704x576)/CIF(352x288)	Day/Night	Auto(ICR)/Color/B/W
Bit Rate Control	CBR/VBR	White Balance	Supported
Bit Rate	16Kbps-32Mbps	Defog	Supported
Streaming	Dual stream	Noise Reduction	3D DNR
Frame Rate	Main stream: 3840x2160@15fps Sub stream: 704x576(1~25/30fps)	Mirror	Supported
Digital Zoom	12x	Flip	Supported
Audio Compression	G.711u	BLC	Supported
		ROI	Support 4 fixed region for main stream and sub stream separately
		Anti-flicker	Supported
		Privacy Mask	4 Areas

### Alarm & Audio

Video Detection	Motion Detection, Video Shelter	IVA	Face Detection/Tripwire/Intrusion/Object Left/Missing/Target Counting /Sound Detection/Fire Detection/Scene Change/VQD
Audio	N/A		

### Network

Ethernet	1 RJ-45 port(10/100Mbps)	Web Browsers	IE/Firefox/Chrome/Safari
Protocols	TCP/IP, UDP, HTTP, IGMP, ICMP, DHCP, RTP/RTSP/DNS, DDNS, FTP, NTP, PPPoE, UPNP, SMTP, SNMP	VMS	AntarVis 2.0
Onvif	Onvif Profile S	Mobile App	AntarView Pro
Max. Online Users	5	Platform	Mac OS/ Windows/IOS/Android

### General

Working Temperature	-30℃~+60℃	Ingress Protection	IP67
Working Humidity	10~90%	Dimensions	160.3 (L)*63.4 (W)*64.5 (H)mm
Power Supply	PoE, IEEE802.3af	Net Weight	0.3KG
	DC12V±10%	Gross Weight	0.45KG
Power Consumption	<3W		

## Ordering Information

Type	Part Number	Description
8MP Camera	BS-858M12K	8MP Network Camera(3.6mm Lens)
	BS-858M13K	8MP Network Camera(6mm Lens)

## Dimensions (mm)

