

DL-858V17C-FS | BioUltra Series

4K Fisheye Panoramic IP Camera



- 1/1.7" 8MP SONY CMOS
- H.265/H.264 dual-stream encoding
- IR effective range: 10~20m
- High-quality fish-eye lens
- Multiple web browsers supported
- P2P cloud function with the mobile app AntarView Pro
- Dewarp supported
- Built-in PoE



System Overview

The BioUltra series of 4K fisheye camera is equipped with a panoramic lens and on-board dewarp correction, which is capable of covering the whole surrounding area with a high-quality picture image.

It is an ideal solution for large-scale or open space project sites such as stadiums, shopping malls, or parking lots.

Functions

WDR (Wide Dynamic Range)

Powered by ZKTeco's robust ISP algorithm and the STARVIS sensor, this IP camera could capture excellent picture images at extreme lighting contrast background.

Starlight

To deal with extremely low light challenges, the BioUltra series, equipped with a fisheye camera with industry-leading optical lens and ISP adjustment, could easily handle the situation with a crystal-clear colorful image in super low light down to 0.052lux.

Smart H.265

The camera records high-quality videos with up to 70% bandwidth saving. H.265 is the evolutionary optimization of H.264.

Technical Parameters

Camera

Model	DL-858V17C-FS	Flash / DDR	128Mb / 256Mb
Image Sensor	1/1.7" Sony CMOS	IR LED No.	4
Effective Pixels	3840*2160	IR Distance	10~20m
Min. Illumination	Color:0.1Lux/F1.4 (AGC ON) B/W:0 Lux with IR ON	S/N Ratio	>52dB

Lens			
Lens Type	Fisheye Lens	Aperture	F1.4
Mount Type	N/A	FOV	360°
Focal Length	N/A	Optical Zoom	N/A
Video			
Compression	H.265 / H.264	WDR	TWDR
Resolution	8MP (3840 * 2160) / 1080P (1920 * 1080) / 1.3M (1280 * 960) / 720P (1280 * 720) / D1 (704 * 576) / CIF (352 * 288)	Day / Night	Support
Bitrate Control	CBR / VBR	White Balance	Support
Bitrate	32Kbps - 16Mbps	Defog	Support
Multi-Streaming	Main Stream: 4K@30fps / 5M@30fps / 4MP@30fps / 3MP@30fps / 2MP@30fps	Noise Reduction	2D/3D DNR
	Sub Stream: 720P@30fps / D1@30fps / CIF@30fps	Mirror/Flip	Support
	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	N/A		
Network			
Protocol	TCP/IP, UDP, HTTP, IGMP, ICMP, DHCP, RTP/RTSP, DNS, DDNS, FTP, NTP, PPPoE, UPNP, SMTP, SNMP	Management Software (VMS)	AntarVis 2.0 ZKBioSecurity IVS BioAccess IVS
Interoperability	ONVIF Profile S, SDK, API	Operation System	Windows
Max. Online Users	5	Mobile APP	AntarView Pro
Web Browser	IE / Firefox / Chrome / Safari	P2P Cloud Service	Support
Note: Video streaming is not available for Firefox/Chrome/Safari.			
Interface			
Ethernet	1 RJ-45 port (10/100Mbps)	Reset Button	N/A
Audio I/O	1 in / 1 out	Micro-SD Slot	Support(Max 128GB)
Alarm I/O	1 in / 1 out	ANR	Support
RS485	Support	USB	N/A

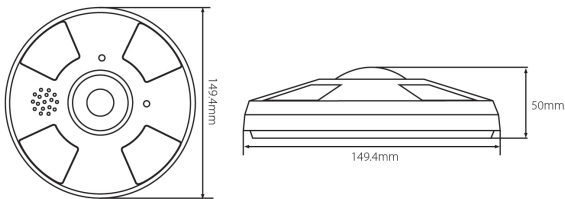
General

Power Supply	PoE (IEEE802.3af), DC 12V±10%	Working Temperature	-10°C ~ 50°C
Power Consumption	<5W	Working Humidity	10% ~ 90%
Ingress Protection	IP66	Net Weight	2.0kg
Dimensions	Φ149.4*50 mm	Gross Weight	2.0kg

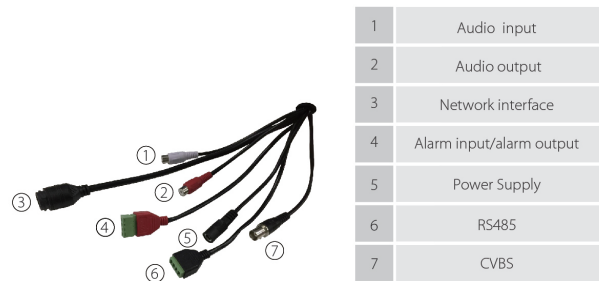
Order Information

Camera	Model	Description
8MP Camera	DL-858V17C-FS	8MP Fisheye IP Camera

Dimensions (mm)



Wire Interface



1	Audio input
2	Audio output
3	Network interface
4	Alarm input/alarm output
5	Power Supply
6	RS485
7	CVBS

