ZKTeco

BL-858M48A-S8 Pro Series
IP camera with face detection and motorized lens, 8MP

· 1/2.7" CMOS sensor, 8MP

· H.265

· Lens 3.2~10.05mm

· IR 80m

· PoE

· Face detection

· P2P Cloud Remote Viewing

· 6kV surge protection

· IP67 protection

| 8MP | 3D DNR | | |
| IP67 | | | |

System overview

The Pro series was developed for projects that require high technology and multiple options of intelligence and video analytics. It has models for high image resolution (4K), alarm interfaces, fisheye lenses and various integrations.

The P2P cloud function is built into each device, enabling more flexible real-time remote viewing and monitoring.

Functions

H.265

H.265 technology is an evolutionary enhancement of traditional H.264; it includes a series of encoding strategies such as dynamic ROI, intelligent 2D and 3D noise reduction, and so on, to deliver high quality videos and significantly save up to 70% of bandwidth and storage.

Protection

With the tough metal case and design, Lite series IP cameras with IP67 rating can resist water and dust for a long time.

With 10% input voltage tolerance, the cameras can work safely under extreme or unstable power conditions.

With a working temperature range of -30°C to 60°C, the cameras can adapt to a variety of environments external.

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technical parameters

Camera

Model	BL-858M48S-S8	Flash / DDR	1Gb / 2Gb
image sensor	1/2.7" Sony STARVIS CMOS	No. of IR LED	4
Resolution	3840*2160	IR Distance	80m
Lighting	Color: 0.01Lux@F1.6-3.3 (AGC ON) Black/White: 0.001Lux@F1.6-3.3 (AGC ONÿ S/N Ratio		>52dB

Lens

lens type	Motorized	Opening	F1.6-3.3
mounting type	board-in	FOV	36°~107°(h)
Focus	2.8mm~12mm	Optical Zoom	3X

Video

Compression	H.265 / H.264	WDR	DWDR
Resolution	8MP(3840 x 2160) / 5MP (2592 x 1944)/ 4MP (2560x1440)/1080P (1920x1080)/ D1 (720x576) / VGA (620x480) / CIF (352 x 288)	Night Mode/ Day	Yes
Bit Rate Control	CBR / VBR	white balance	Yes
bit rate	4Mbps ~ 8Mbps	defog	AT
multicast	Main Stream: 8MP@25fps/5M@25fps/ 4MP@25fps / 2MP@25fps	noise reduction	2D/3D DNR
	Second Stream : D1@25fps /VGA@25fps / CIF@25fps	Flip	Yes
	Third Stream : CIF@25fps	hallway mode	Yes
motion detection	Yes	HLC	Yes
Digital Zoom	Yes	BLC	Yes
audio compression	G7.11u	ROI	Up to 4 regions
Mask of privacy	Up to 4 regions	anti-flicker	AT

VAT

smart video	face detection

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Network

Protocols	TCP/IP, UDP, HTTP, HTTPS, DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SNMP	Software (VMS)	AntVis 2.0 ZKBioSecurity IVS ZKBioAccess IVS
Interoperability	ONVIF Profile S, SDK, API	Operational system	Windows
Max. of Online Users	5	mobile application	AntView Pro
Browsers	IE / Firefox / Chrome / Safari	P2P Cloud	Yes

Interface

ethernet	1 RJ-45 port (10/100Mbps)	reset button	Yes
Audio I/O	1/1	Micro SD Slot	Yes (Max 128GB)
I/O alarm	2/1	ANR	Yes
RS485	Yes	usb	AT

General

Food	PoE (IEEE802.3af), 12V dc ± 10%	Temp. of operation	-20°C to 55°C
consumption power	<3W	operating humidity	0% to 90%
Protection	IP67	Net weight	0.50kg
dimensions	246*85*76 (mm)	Gross weight	0.64kg

Other information

Camera	Model	Description
8MP camera	BL-858M48S-S8	IP camera with face detection and motorized lens, 8MP

ZKTECO CO.,LTD. www.zkteco.com.br E-mail: comercial.brasil@zkteco.com