

BOX MB-51Z6 Series

Multiple Streams Ultra High Definition Box IP Camera



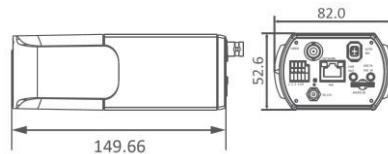
network MB-51ZZ6 series Multiple Streams Ultra High Definition Box IP Cameras utilize SONY high class CMOS sensor, offering up to 4k2k resolution in real-time frame rate, that provides extraordinary image without losing any movement.

With state-of-the-art encoding SOC, Z6 is capable of streaming 8MP resolution real-time, 6MP resolution real-time with 720P real-time sub stream or 2MP 120 frames per second. Multiple Region of Interest (ROI), 3D Noise Reduction are also supported for different application scenarios. Furthermore, with all powerful function mentioned above, Z6 only requires maximum 8.5W power consumption which saves a lot of expenses for users.

Besides flexible software features, Z6 is built-in with Auto Back Focus (ABF) function. User can simply adjust focus by clicking control buttons on webpage that makes focus adjustment easier under 8MP resolution and also provide the ability for remote focus tuning after installation.

Key Features

- 8MP / 6MP / 2MP Progressive Scan CMOS Sensor
- Ultra HD 4k2k @ 30fps or 6MP @ 30fps + 720P @ 30fps or 2MP @ 120fps
- Specific ARM for Analytics Hardware Acceleration
- Quad Streams Compression- H.264 Baseline / Main / High Profile + MJPEG
- Multiple and Dynamic ROI Windows
- Auto Back Focus (ABF)
- 3D Motion Compensated Noise Reduction (MCTF)
- Text Overlay and Privacy Masks
- microSD Support
- BNC analog output
- Triple Power Support- PoE / DC12V / AC24V
- ONVIF Profile S Conformance
- RS 485 Support*



Unit: (mm)

MB-51Z6 Series - Ultra High Definition Box IP Camera

Camera	MB-51Z4SF-6	MB-51Z4SA-6	MB-51Z4SB-6	
Image Sensor	1/1.7" Sony Progressive CMOS	1/1.8" Sony Progressive CMOS	1/1.9" Sony Progressive CMOS	
Effective Pixels	8M	6M	2M	
Minimum Illumination	0.05 lux @F1.8 (Color) 0.005 lux @F1.8 (B/W)	0.04 lux @F1.8 (Color) 0.002 lux @F1.8 (B/W)	0.02 lux @F1.8 (Color) 0.001 lux @F1.8 (B/W)	
Shutter Speed	1 - 1/10000 sec.			
Operation				
Multiple Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese			
Image Setting	Backlight Compensation	On / Off (w/ Motion Compensation)		
	White Balance	Manual / AWB / ATW / One Push		
	Noise Reduction	3DNR / 2DNR / ColorNR		
	Wide Dynamic Range	On / Off		
	Privacy Mask	On / Off		
	Brightness	Manual		
	Exposure	Auto / Manual		
	Sharpness	Manual		
	Contrast	Manual		
	Saturation	Manual		
	Hue	Manual		
	Digital Zoom	Support		
	Privacy Mask Type	Color		
Event Setting	TCR	Auto / Day / Night / Smart		
	IR Threshold	Adjustable Levels		
	Motion Detection	On / Off / By Schedule		
	Tampering Alarm	On / Off / By Schedule		
	Network Failure Detection	By Schedule / On / Off		
	Audio Detection	On / Off		
Audio	Two-way Audio	Line in / Line Out		
	Compression	G.711 / G.726 / AAC / LPCM		
Auto Back Focus	Support			
Network				
Interface	RJ-45, 1Gbps Ethernet			
Video Compression	MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile			
Video Streaming	Single	H.264 4K2K (3840x2160) @25/30fps	H.264 6M (3072x2048) @25/30 fps	H.264 1920x1080 @100/120 fps
	Dual	H.264 4K2K (3840x2160) @20fps + H.264 1080P @20fps or H.264 1080P @50/60 fps + H.264 1080P @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	H.264 6M (3072x2048) @25/30 fps + 720P @25/30fps or H.264 1080P @50/60 fps + H.264 1080P @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	H.264 1080P @50/60 fps + H.264 SXGA @50/60 fps or H.264 1080P @50/60 fps + H.264 1080P @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG
	Quad	H.264 1080P @50/60 fps + H.264 SXGA @25/30 fps + H.264 720P @25/30 fps + H.264 D1 @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG		
Video Resolution	H.264	4K2K (3840 x 2160) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	6M (3072 x 2048) / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QVGA
	MJPEG	Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA		
Video Windows under ePTZ	4			
Video Analytic Engine	Edge Embedded (Camera Side)			
Protocol	ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF			
Security	HTTPS / IP Filter / IEEE 802.1X			
Alarm	Input	1 Set 5V 10kΩ pull up		
	Output	1 Set		
		Photo Relay Output 300V DC/AC		
Event Notification	HTTP / FTP / SMTP			
Micro SD	microSDXC 64GB support			
Supported Web Browser	Internet Explorer (6.0+) / Chrome / Firefox / Safari			
User Account	20			
Password Levels	User and Administrator			
Mechanical				
Lens Mounting	CS Mount			
LED Indicator	Power / Link / ACT			
Connectors	Iris Control	DC Iris / P-Iris*		
	Alarm	DC Iris		
	Power	4 Pin Terminal Block, Pitch 3.5 mm		
	Ethernet	DC jack or 2pin Terminal Block		
	Analog Video	RJ-45		
	Audio	1.0 Vp-p / 75 Ω, BNC		
RS-485*	Line in / Line Out			
	N/A / D+, D-		N/A	
General				
Operating Temperature	-10°C - 50°C (14° - 122° F)			
Humidity	10% - 90%, No Condensation			
Dimension	149.66 x 79.73 x 52.57 mm (L x W x H) w/o Lens			
Weight	395g (0.87 lb) w/o lens			
Power Source	DC 12V / AC 24V / PoE			
Power Consumption	max 8.5W			
Regulatory	CE / FCC			

Product specification and availability are subject to change without notice.



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