



Feature

- High Sensitivity!
- High Performance & Super Low Light.
- ECO Friendly
- Star Light Camera
- Without Infrared !

Specification

unit : mm (±0.5)

Model	MX-B8823	MX-B7723
Video system	NTSC / PAL	EIA / CCIR
Number of effective pixels	768 x 582 (NTSC/EIA & PAL/CCIR)	
Image sensor	8.2mm(1/2") CCIQIII color	8.2mm(1/2") CCIQIII B/W
Resolution(TV Lines)	480 TV Lines	550 TV Lines
S/N Ratio	48.0 [dB]	
Max Dynamic Range	69 [dB]	
Shutter Type	Electronic Rolling	
Minimum illumination	0.01 lux / F1.2 83 IRE	
Responsivity@550nm	13.6 [V/Lux.sec]	
Frame Rate	5~30 fps	
Horizontal sync frequency	NTSC/EIA -15.734kHz , PAL/CCIR - 15.625kHz	
Vertical sync frequency	NTSC/EIA - 60Hz , PAL/CCIR - 50Hz	
Gamma consumption	0.45	
Video output	1Vp-p , 75ohm composite	
Storage temperature	-30 to 60 Degree C	
Working temperature	-10 to 45 Degree C	
Power source	Camera input: DC 5~12V	
Power current	420mA-max(DC 5V) ; 170mA-max(DC12V)	
Dimension (mm)	(D)23 x 38.5 mm	



MX-B8823



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Normal low light camera

Ordering information

Model	Image sensor	LED	Lens	Type
MX-B8823-7818	1/2" CMOS Color	N/A	7.8mm/F1.8	Board type
MX-B7723-6018	1/2" CMOS B/W	N/A	6.0mm/F1.8	
MX-B8823L-7818	1/2" CMOS Color	white LED	7.8mm/F1.8	
MX-B7723L-6018	1/2" CMOS B/W	white LED	6.0mm/F1.8	
MX-B87723L-6018	1/2" CMOS B/W	IR 850nm LED		
MX-B97723L-6018	1/2" CMOS B/W	IR 940nm LED		
MX-T8823-7818	1/2" CMOS Color	N/A	7.8mm/F1.8	Tube type
MX-T7723-6018	1/2" CMOS B/W	N/A	6.0mm/F1.8	
MX-T8823L-7818	1/2" CMOS Color	white LED	7.8mm/F1.8	
MX-T7723L-6018	1/2" CMOS B/W	white LED	6.0mm/F1.8	
MX-T87723L-6018	1/2" CMOS B/W	IR 850nm LED		
MX-T97723L-6018	1/2" CMOS B/W	IR 940nm LED		