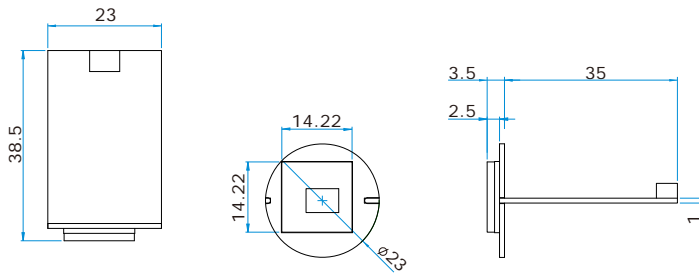


Board Type



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



MX-B8823

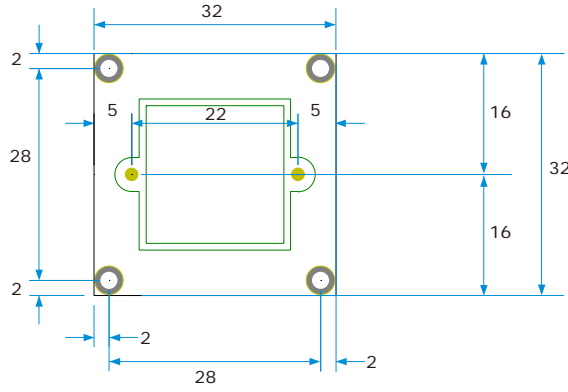


Normal low light camera

Ordering information

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

Board Type



unit : mm (±0.5)

Feature

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

Specification

Model	MX-B8832	MX-B7732
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	360mA-max(DC 5V) ; 150mA-max(DC12V)	
Dimension (mm)	32 x 32 mm	



MX-B8832-7818

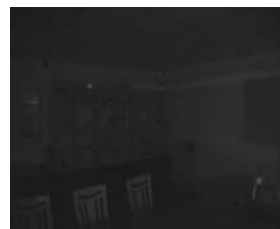
Ordering information

Model	Image sensor	Filter	Frame rate
MX-B8832-7818	1/2" CMOS Color	B/W(AR filter)	5 - 30 fps
MX-B7732-7818	1/2" CMOS B/W	Color(YR filter)	

0.0 Lux










MX-B8832



Normal low light camera

Mobile digital video recorder + Camera

Order information (Various DVR can connect to MISUMI's camera as below:)

Image							
Model	MP-VRM203HD	MP-300E	MP-400E	MP-455E	MP-600SD	WF-AV100	WF-AV200
Display	N/A	2.5" TFT	2.5" TFT	2.5" LTPS TFT	3.5" touch screen TFT	N/A	N/A
External Memory	support up to SDHC 64GB	support up to SDHC 32GB	support up to SDHC 128GB	support up to SDHC 32GB, Built-in flash memory 128 MB	support up to SDHC 32GB	support up to SDHC 64B	support up to SDHC 64B
Function	1.Self-timer Mode, 2.PreviewOSD displaying icons , 3.Setup REC. , 4.Normal REC. , 5.Loop overwrite REC. 6.Motion detect, 7.Snapshot	1.PreviewOSD displaying icons , 2.Schedule REC. , 3.Normal REC. , 4.Loop overwrite REC. 5.IR Remote control 6.Snapshot 7.monitor sleep mode	1.PreviewOSD displaying icons , 2.Schedule REC. , 3.Normal REC. , 4.Loop overwrite REC. 5.IR Remote control 6.Snapshot 7.monitor sleep mode	1.PreviewOSD displaying icons , 2.Schedule REC. , 3.Normal REC. , 4.Snapshot, 5.monitor sleep mode	1.PreviewOSD displaying icons , 2.Schedule REC. , 3.Normal REC. , 4.Loop overwrite REC. 5.IR Remote control, 6.Motion detect, 7.Snapshot 8.monitor sleep mode	1.Normal REC.	1.Normal REC.
Compression	H.264	H.264	H.264	MPEG4	MPEG4	H.264	H.264
Video Input	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)	analog signal input (NTSC/PAL)
Video Input Interface	Ø2.5mm phone plug	Ø2.5mm phone plug	Ø2.5mm phone plug	Mini 4 pin(female)	Ø2.5mm phone plug	Ø2.5mm phone plug	Ø2.5mm phone plug
File format	(.mov), (.jpg)	(.avi), (.jpg)	(.avi), (.jpg)	(.wav/.mp3/.asf/.wma), (.jpg)	(.avi), (.jpg)	(.avi)	(.avi)
Video resolution	HD 720p / max 30 fps	D1 720x480	D1 720x480	VGA 640 x 480	D1 720x480	D1 720x480	D1 720x480
Photo resolution	HD 720p	D1 720x480	D1 720x480	VGA 640 x 480	VGA 640 x 480	N/A	N/A
Date and time stamping	Support	Support	Support	Support	Support	Support	Support
WiFi function	N/A	N/A	N/A	N/A	N/A	Support	Support
App/Apk	N/A	N/A	N/A	N/A	N/A	Android / IOS	Android / IOS
Battery	N/A	NP-60 (1030mAh)	NP-60 (1030mAh)	NP-60 (1030mAh)	NP120 (2000mAh)	N/A	1100mAh
Power input/charging	5V/520mA	5V	5V	5V	5V	5V	5V
Dimension(mm)	32x68	63.5(L)x95.5(H)x21(W)	63.5(L)x95.5(H)x21(W)	63.5(L)x95.5(H)x21(W)	93(L)x70(H)x28(W)	54.5(L)x28(H)x10(W)	73(L)x36.6(H)x12(W)