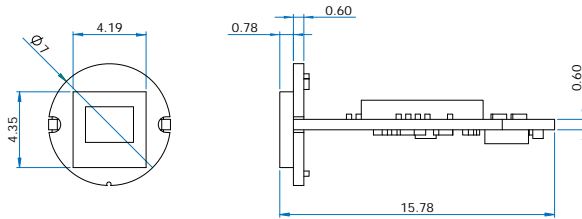


**Board Type**



**Feature**

- High Sensitivity!
- High Performance & Super low light.
- 450 TV lines
- Compact size

**Specification**

unit : mm (±0.5)

Model	MX-B7407K	MX-B7407
Video system	EIA-NTSC / CCIR-PAL	
Number of effective pixels	640 x 480	
Image sensor	1/5" Hybrid Sensitivity CMOS B/W	
Resolution(TV Lines)	450 TV Lines	
S/N Ratio	38 [dB]	
Max Dynamic Range	71 [dB]	
Sensor scan mode	progressive scan	
Minimum illumination	0.03 Lux / 50IRE, 15 fps	
Sensitivity	8.2 [V/Lux.sec]	
Frame Rate	15fps	15fps or 30fps
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	
LED	optional	
Storage temperature	-30 to 60 Degree C	
Working temperature	-10 to 45 Degree C	
Power source	Camera input: DC 5~12V	
Power current	80 mA(max)-DC12V	
Dimension (mm)	Ø7 x 15.78 mm	

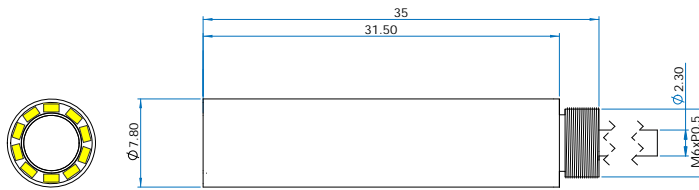


**Ordering information**

Hybrid Sensitivity Series	Model	Frame rate	LED	Output	Lens		
MX-	<b>B7407KW-</b>	15fps	none	3 wires	<b>2B</b>	2.69mm/F2.0 (71°)	
	<b>B7407KLW-</b>		white LED x 4		<b>2V</b>	2.83mm/F3.9 (68°)	
	<b>B7407W-</b>	15fps or 30fps	none		<b>3E</b>	3.0mm/F2.4 (65°)	
	<b>B7407LW-</b>		white LED x 4		<b>3H</b>	2.92mm/F2.2 (66°)	
	<b>T7408K-</b>	15fps	none		cable to 4 pin (male)	<b>3K</b>	2.8mm/F3.9 (68°)
	<b>T7408KL-</b>		white LED x 4			<b>3M</b>	3.4mm/F2.8 (58°)
	<b>T7408-</b>	15fps or 30fps	none			<b>3TC</b>	3.5mm/F3.5 (57°)
	<b>T7408L-</b>		white LED x 4			<b>3TF</b>	3.5mm/F3.5 (57°)
						<b>3W</b>	2.84mm/F3.9(68°)
						<b>3X</b>	3.4mm/F2.8(58°)
			<b>43F</b>	4.3mm/F2.0 (47°)			
			<b>6F</b>	6.0mm/F4.4 (34°)			

click to other NUM.

**Tube Type**



**Feature**

- High Sensitivity!
- High Performance & Super low light.
- 450 TV lines
- Compact size

**Specification**

unit : mm (±0.5)

Model	MX-T97408LK	MX-T97408L
Video system	EIA-NTSC / CCIR-PAL	
Number of effective pixels	640 x 480	
Image sensor	1/5" Hybrid Sensitivity CMOS B/W	
Resolution(TV Lines)	450 TV Lines	
S/N Ratio	38 [dB]	
Max Dynamic Range	71 [dB]	
Sensor scan mode	progressive scan	
Minimum illumination	0.03 Lux / 50IRE, 15 fps	
Sensitivity	8.2 [V/Lux.sec]	
Frame Rate	15fps	15fps or 30fps
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	
Built-in Lens	4.3mm F2.0	
LED	IR 940nm x 10 (White LED, IR 850nm -optional)	
Storage temperature	-30 to 60 Degree C	
Working temperature	-10 to 45 Degree C	
Power source	Camera input: DC 5~12V	
Power current	80 mA(max)-DC12V	
Dimension (mm)	Ø7.8x 35 mm	

■ with camera and LED power switch










**Ordering information**

Hybrid Sensitivity Series	Model	Frame rate	LED	Output	Lens	
MX-	<b>B7407KW-</b>	15fps	none	3 wires	<b>2B</b>	2.69mm/F2.0 (71°)
	<b>B87407KLW-</b>		IR 940nm x 10		<b>2V</b>	2.83mm/F3.9 (68°)
	<b>B97407KLW-</b>		IR 940nm x 10		<b>3E</b>	3.0mm/F2.4 (65°)
	<b>B7407W-</b>	15fps and 30fps	none		<b>3H</b>	2.92mm/F2.2 (66°)
	<b>B87407LW-</b>		IR 850nm x 10		<b>3K</b>	2.8mm/F3.9 (68°)
	<b>B97407LW-</b>		IR 940nm x 10		<b>3M</b>	3.4mm/F2.8 (58°)
	<b>T7408K-</b>	15fps	none	cable to 4 pin (male)	<b>3TC</b>	3.5mm/F3.5 (57°)
	<b>T87408KL-</b>		IR 850nm x 10		<b>3TF</b>	3.5mm/F3.5 (57°)
	<b>T97408KL-</b>		IR 940nm x 10		<b>3W</b>	2.84mm/F3.9(68°)
	<b>T7408-</b>	15fps and 30fps	none		<b>3X</b>	3.4mm/F2.8(58°)
	<b>T97408L-</b>		IR 940nm x 10		<b>43F</b>	4.3mm/F2.0 (47°)
	<b>T97408L-</b>		IR 940nm x 10		<b>6F</b>	6.0mm/F4.4 (34°)

## 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)