

# ZM-L1244-9AB



1/3" Sony CMOS Image sensor(Global shutter)  
2048 × 1536  
60/50 fps(TBA), 30/25 fps  
Color: 0.03 Lux @ (F1.7, AGC ON), BW: 0Lux (IR LED)  
Optical 10x Digital 32x(TBA)  
256 zoom/focus presets(TBA)

## System

**Product** LVDS

## Image Sensor

**Sensor** 1/3" Sony CMOS Image sensor(Global shutter)  
**Total pixels** 2,064(H) x 1,592(V) = 3.28M Pixels  
**Effective pixels** 2,064(H) x 1,522(V) = 3.20M Pixels  
**Resolution** 2048 × 1536  
**Frame Rate** 60/50 fps(TBA), 30/25 fps  
**Min. illumination** Color: 0.03 Lux @ (F1.7, AGC ON), BW: 0Lux (IR LED)

## Lens

**Zoom Ratio** Optical 10x Digital 32x(TBA)  
**Focal Length** f = 4.8mm ~ 40.8mm  
**Aperture ratio** F1.7(wide) ~ F3.1(tele)  
**Angle Of View** H : 62°(W) ~ 7.6°(T)  
V : 36.4°(W) ~ 4.4°(T)  
D : 69.2°(W) ~ 8.6°(T)  
**Min. Distance** 1m(Wide), 2m(Tele)  
**Iris** DC auto iris(TBA)  
**IR Cut Filter** on / off

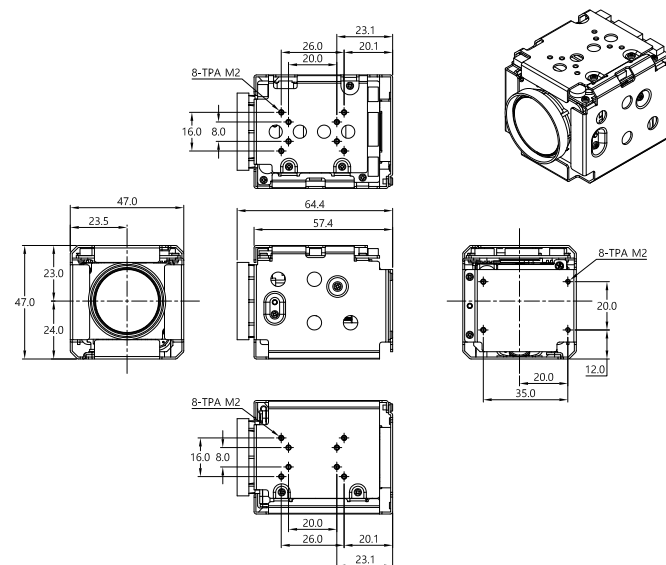
## Function

<b>Control Mode</b>	Auto / Manual / Zoom Trigger / One Push
<b>Presets</b>	256 zoom/focus presets(TBA)
<b>Day &amp; Night</b>	Auto, Day, Night, Ext-in
<b>D&amp;N Levels</b>	10 levels (without Ext-in)
<b>Electronic Shutter Speed</b>	1/25(30)/1/50(60) ~ 1/5000
<b>White Balance Modes</b>	Auto, Manual (3 steps or more)
<b>Exposure Modes</b>	Auto / Iris. Priority / Shut. Priority / Manual
<b>Gain control</b>	Auto / Manual
<b>WDR</b>	Off / On(TBA)
<b>BLC</b>	Off / On
<b>HLC</b>	Off / On
<b>DNR</b>	2D & 3D
<b>Defog</b>	N/A
<b>DIS</b>	Off / On(TBA)
<b>Mirror</b>	Off, Vertical Flip, Horizontal Flip, H+V Flip (180 degree rotation)
<b>Privacy Mask</b>	Max 8 Zones
<b>Motion detection</b>	32 × 18 cell / AI motion detection(TBA)
<b>Output Format</b>	BT.1120 16-bit YCbCr via LVDS(single or dual)
<b>OSD</b>	support
<b>System Mode</b>	NTSC / PAL

## General

<b>External devices</b>	1x D&N input(Ext-in) 1x PWM output(lighting control) 2x UART
<b>External Storage</b>	Micro SD (TBD)
<b>Power Supply</b>	12V
<b>Power consumption</b>	TBD
<b>Storage Temperature</b>	-20°C ~ +60°C (Humidity < 90%RH, Non-condensing)
<b>Operating Temperature</b>	-10°C ~ +50°C (Humidity < 90%RH, Non-condensing)
<b>Dimension</b>	47 × 47 × 64.4 (WxHxD)
<b>Weight</b>	TBD
<b>Certifications</b>	NA

## Dimension



\*TBD : To be Determined / \*TBA : To be Added