



# MB-108-USB

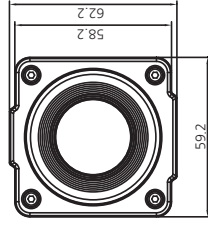
## USB 3.1 Gen 1 Interface



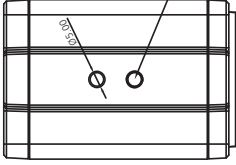
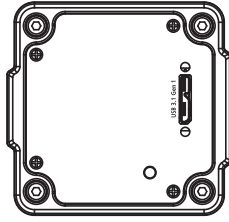
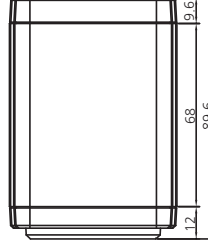
### Features

- USB 3.1 Gen 1 Interface
- 1/3" 2MP CMOS Image Sensor
- 10x Optical Zoom(5.1~51mm) & 32x Digital Zoom
- Full HD Video Output up to 1080p60
- Uncompressed & lossless video transmission
- Supports Video transmission, camera power supply and serial communication with one USB cable

### Dimensions



Unit : mm



MODEL	MB-108-USB								
<b>CAMERA</b>									
Image Sensor	1/3" Panasonic CMOS Sensor								
Total Pixels	1,981(H) x 1,268(V) = 2.55M Pixels								
Effective Pixels	1,944(H) x 1,212(V) = 2.36M Pixels								
Video Format	1080p/60(50)fps, 1080p/30(25)fps, 720p/60(50)fps, 720p/30(25)fps								
Min. Illumination	0.5 lux /DSS 0.125 lux								
BW	0.1 lux /DSS 0.025 lux								
S/N Ratio	more than 50dB (AGC off)								
Video Output	USB 3.1 Gen 1								
<b>LENS</b>	<b>10x</b>								
Lens Type	10x Day & Night Zoom Lens								
Zoom Ratio	Optical x10, Digital x32 Zoom								
Focal Length	f = 5.1mm ~ 51mm								
Aperture Ratio	F1.6 (wide) ~ F1.8 (tele)								
Angle Of View (D, H, V)	<table border="1"> <tr> <td>WIDE</td> <td>68°</td> <td>54°</td> <td>31°</td> </tr> <tr> <td>TELE</td> <td>6.7°</td> <td>4.9°</td> <td>4.0°</td> </tr> </table>	WIDE	68°	54°	31°	TELE	6.7°	4.9°	4.0°
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<b>CAMERA FUNCTIONS</b>									
Camera Title	ID / Title / Zoom Ratio / System Message								
Day & Night	Auto / Day / Night / Ext-in								
WDR/BLC	OFF / WDR / BLC								
ACE	Off / Low / Middle / High								
DNR	Auto / Off / Low / Middle / High								
Defog	Off / On (Auto / Manual)								
HLC	Off / On / Night Only								
Motion Detection	Off / On (3 points)								
Privacy Mask	Off / On (24 points)								
Digital Slow Shutter	Off / x2 / x4 (x8 : 60 or 50 fps mode only)								
Gain Control	Off / On								
White Balance	Auto / One Push / Manual / Indoor / Outdoor								
Shutter Speed	1/30(25) ~ 1/30,000 sec								
E.Zoom	Off / MAX x2 ~ x32								
Digital Flip	Off / H / V / H&V								
<b>GENERAL</b>									
Power Source	DC5V±10% (from USB 3.1 port)								
Power Consumption	800mA								
Operating Temperature	-10°C ~ +50°C / 0% ~ 90% RH								
Dimensions	59.2(W) x 62.2(H) x 85.6(D) mm								
Weight	0.35kg								

