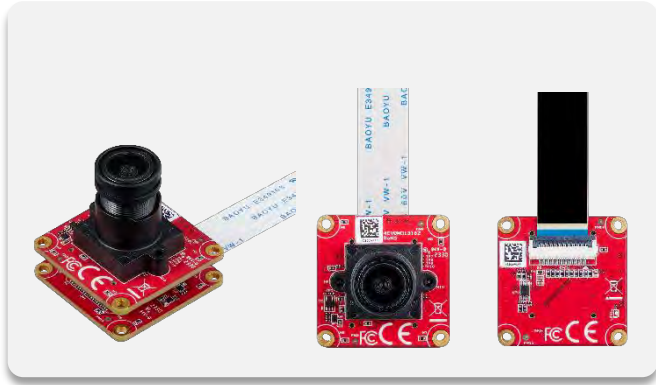


# EVDM-OOM1

Preliminary

## MIPI Fixed Focus Camera Module



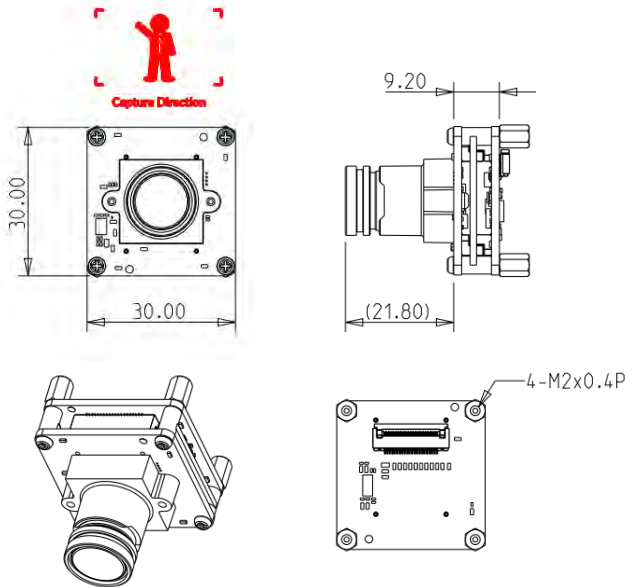
### Features

- Max. Resolution: 4192 x 3120 (13MP) @ 20fps
- ISP inside, pixel binning, HDR
- Platform Support: INTEL, Nvidia Jetson, Xilinx  
(For more information please contact our local sales)
- Complies with CE/FCC Class A

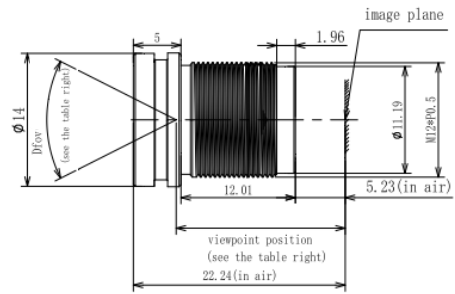
Resolution	FPS (MIPI 4 lanes)
4192 x 3120 (13MP)	20
3840 x 2160 (4K/8MP)	30
1920 x 1080 (FHD)	60

### Mechanical Drawing

Mechanical Drawing



Lens Specification



Items	Specification
F no.	2
Focal length	4mm
Lens structure	1G4P
Mount	M12*P0.5

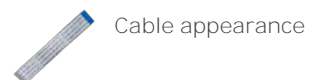
### Specifications

Max. Resolution	4192 x 3120 (13MP)
Output I/F	MIPI 22pins (4 lanes)
Power Consumption	Approximate 1W
Dimension (LxWxH)	30 x 30 x 45mm
Operating Temp.	-30°C ~ +70°C (main chip spec.)
CMOS Sensor	ONSEMI AR1335
Sensor Size	1/3.2"
Pixel Size	1.1um
Lens type	Fixed focus (M12)
Lens D/H/V FOV	91°/71°/52°
Platform Support	INTEL, Nvidia Jetson, Xilinx (For more information please contact our local sales)

22 Pin #	22 Pin Name	Usage/Description
1	GND	Ground
2	CAM_D0_N	CSI Data 0
3	CAM_D0_P	CSI Data 0
4	GND	Ground
5	CAM_D1_N	CSI Data 1
6	CAM_D1_P	CSI Data 1
7	GND	Ground
8	CAM_CK_N	CSI Clock
9	CAM_CK_P	CSI Clock
10	GND	Ground
11	CAM_D2_N	CSI Data 2
12	CAM_D2_P	CSI Data 2
13	GND	Ground
14	CAM_D3_N	CSI Data 3
15	CAM_D3_P	CSI Data 3
16	GND	Ground
17	CAM_PWDN	Camera Power-down
18	CAM_MCLK	Camera Master Clock
19	GND	Ground
20	CAM_SCL	I2C Clock (3.3V)
21	CAM_SDA	I2C Data (3.3V)
22	CAM_3V3	+3.3V

### Order information

EVDM-OOM1-MMC1-C1  
 MIPI Fixed Focus Camera Module (MIPI cable included)  
 7W7000000060  
 MIPI CSI-2 FFC cable, 15cm, 22pins pitch 0.5mm



Cable appearance