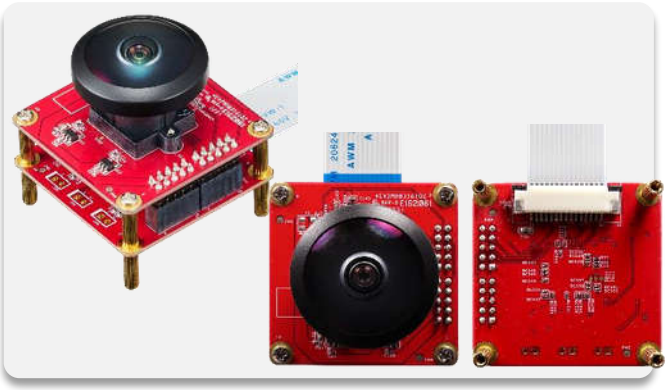
# EV2M-GOM1

## MIPI Fixed Focus Camera Module

Preliminary



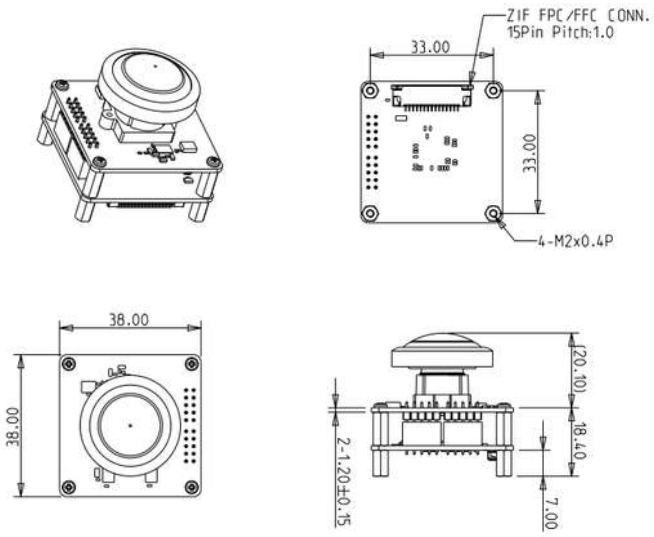
## Features

- Max. Resolution: 1920 x 1080 @ 30fps
- ISP inside, fisheye De-warping
- Platform Support: Nvidia Jetson Nano
- Complies with CE/FCC Class A

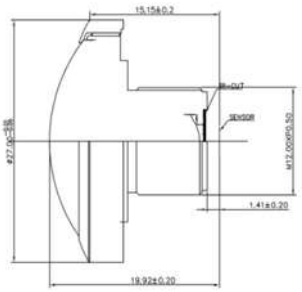
| Resolution | FPS (MIPI 2 lanes) |
|---|---|
| 1920 x 1080 (FHD) | 30 |

## Mechanical Drawing

### Mechanical Drawing




### Lens Specification



| Items | Specification |
|---|---|
| F no. | 2.1 |
| Focal length | 1.1mm |
| Lens structure | 4G2P |
| Mount | M12*P0.5 |

## Specifications

| | |
|---|---|
| Max. Resolution | 1920 x 1080 (2MP)@ 30fps |
| Output I/F | MIPI 15pins (2 lanes) |
| Power Consumption | Approximate 1.6W |
| Dimension (WxLxH) | 38 x 38 x 45mm |
| Operating Temp. | -30°C ~ +70°C (main chip spec.) |
| CMOS Sensor | Onsemi AR0330 |
| Sensor Size | 1/3” |
| Pixel Size | 2.2um |
| Lens Type | Fixed focus (M12) |
| Lens FOV | 230° |
| Platform Support | Nvidia Jetson Nano |

## Order information

**EV2M-GOM1-MUCA-C1**
MIPI Fixed Focus Camera Module


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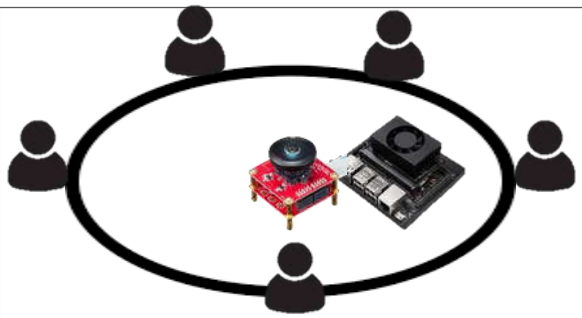
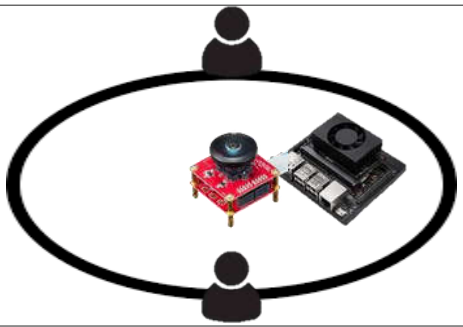
April 21, 2023

# EV2M-GOM1

## MIPI Fixed Focus Camera Module

Preliminary

Several fisheye De-warping mode to fulfill different applications.

| | | |
|---|---|---|
| Mode A |  |  |
| Mode B |  |  |
| Mode C |  |  |


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De-warping



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