



EVDF-OOM1-RHCF

GMSL2 13MP Fixed Focus Camera Module

HIGHLIGHT FEATURES

- GMSL2 Interface, 13MP @20fps (Max Resolution)
- Support Pixel Binning, HDR, ISP, and IP67 Housing
- Dynamic Range: 69dB
- Lens FOV (D / H / V) : 91° / 71° / 52°
- Platform Support : NVIDIA Jetson Orin
- Complies with CE / FCC Class A

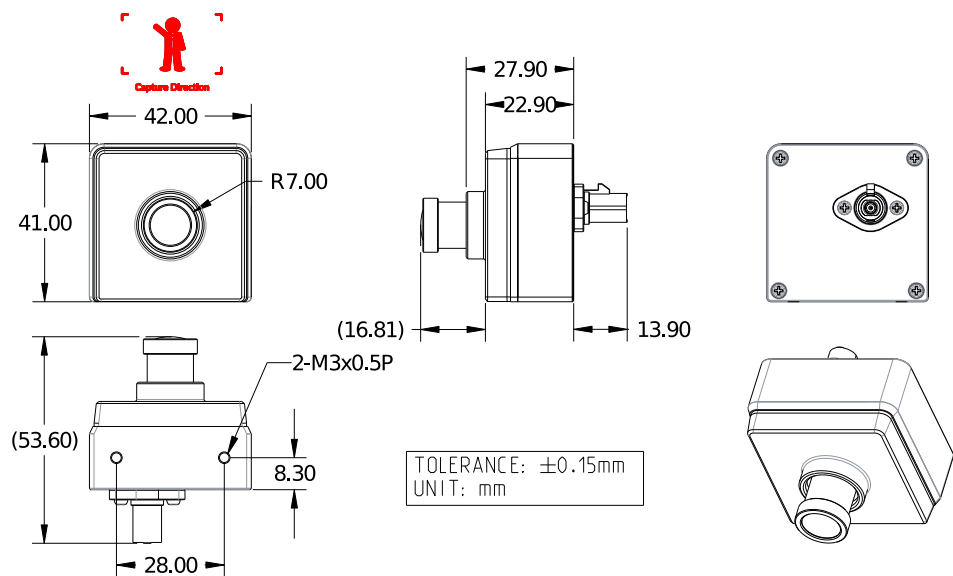
SPECIFICATIONS

Model Name	EVDF-OOM1-RHCF
Module Type	GMSL2 13MP Fixed Focus Camera Module
Resolution (Max.)	13MP
Frame Rate (Max. Resolution)	20fps
Output I/F	GMSL2
Sensor	onsemi AR1335
Serializer	MAX9295A
Shutter	Rolling
Video Format	YUV422
Power Consumption	Approximate 1.5W (YUV422 @Max. Resolution)
Operating Temperature	-30°C ~ 70°C
Sensor Size	1/3.2"
Pixel Size	1.1μm
Chroma Type	Color
Lens Type	Fixed Focus (M12)
Dimension (W x L x H/mm)	42 x 41 x 53
Lens FOV (D / H / V)	91° / 71° / 52°
Platform Support	NVIDIA Jetson Orin
Housing	IP67 Housing
Features	HDR
Warranty	3 Years
Note	For detailed resolution and frame rate combined application, please refer to product datasheet. For more platform support, please contact our local sales.

ORDER INFO.

P/N	Description
EVDF-OOM1-RHCF-31	GMSL2 13MP Fixed Focus Camera Module
7W5000000390	FARKA cable with IP69 waterproof FAKRA connectors length 1 meter
7W5000000400	FARKA cable with IP69 waterproof FAKRA connectors length 3 meter
7W5000000340	FARKA cable with IP69 waterproof FAKRA connectors length 5 meter
7W5000000350	FARKA cable with IP69 waterproof FAKRA connectors length 10 meter
7W5000000360	FARKA cable with IP69 waterproof FAKRA connectors length 15 meter

MECHANICAL DRAWING



RESOLUTION MATRIX

Resolution	YUV422	MJPEG
4192 x 3120	20fps	N/A
4096 x 3120	20fps	N/A
3840 x 2160	30 / 25fps	N/A
2592 x 1944	30 / 25fps	N/A
2560 x 1440	30 / 25fps	N/A
1920 x 1080	60 / 50 / 30 / 25fps	N/A
1280 x 720	100 / 90 / 60 / 50 / 30 / 25fps	N/A
640 x 480	120 / 100 / 90 / 60 / 50 / 30 / 25fps	N/A

PLATFORM SUPPORT

Platform	Processor
NVIDIA Jetson	Jetson AGX Orin Jetson Orin NX Jetson Orin Nano

LENS SPEC.

Items	Specification
F No.	2.0
Focal Length	4mm
Lens Structure	6P
Mount	M12 x P0.5 (S-Mount)

CABLE APPEARANCE

