



EV2F-OOM3-RHCF

GMSL2 2MP Fixed Focus Camera Module

HIGHLIGHT FEATURES

- GMSL2™ Interface, 2MP @30fps (Max. Resolution)
- Supports HDR, ISP, and IP67 Housing
- Dynamic Range : 120dB
- Lens FOV (D / H / V) : 72° / 64° / 39°
- Platform Support : NVIDIA Jetson Orin
- Complies with CE / FCC Class A

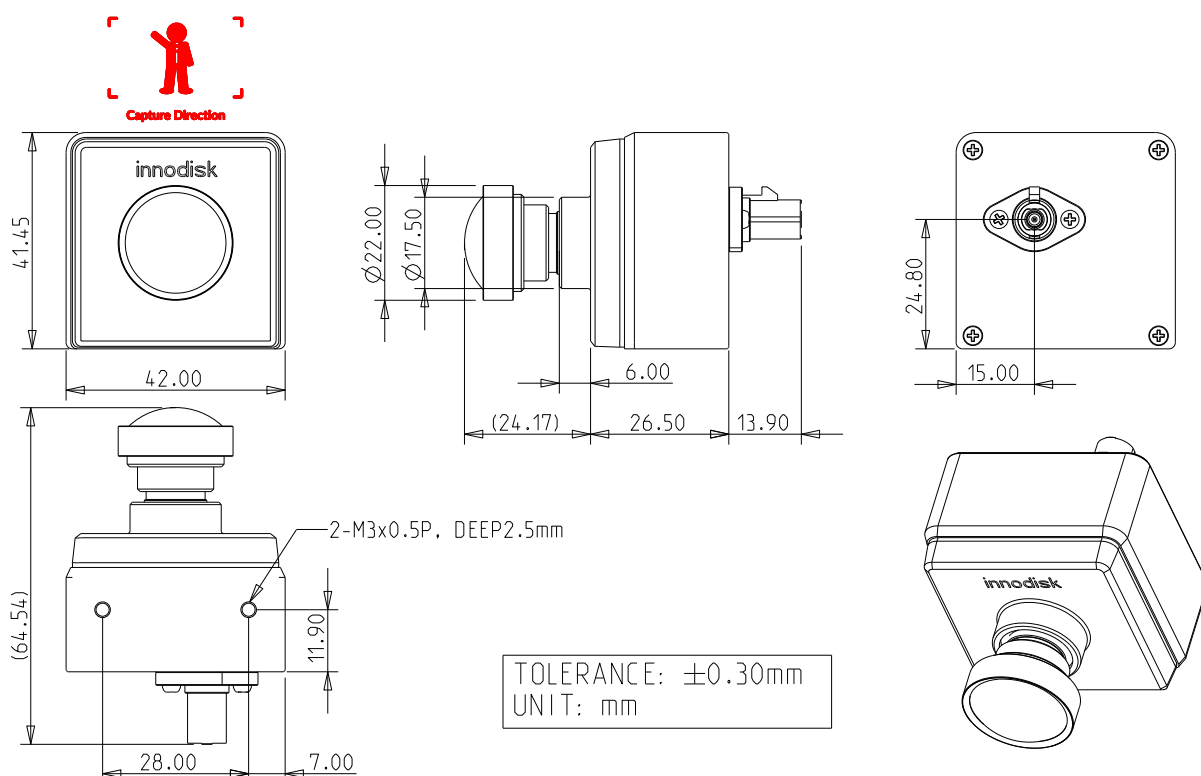
SPECIFICATIONS

Model Name	EV2F-OOM3-RHCF
Module Type	GMSL2 2MP Fixed Focus Camera Module
Resolution (Max.)	2MP
Frame Rate (Max. Resolution)	30fps
Output I/F	GMSL2
Sensor	onsemi AR0246
Serializer	MAX9295A
Shutter	Rolling
Video Format	YUV422
Power Consumption	Approximate 1.2W (YUV422 @Max. Resolution)
Operating Temperature	-30℃ ~ 70℃
Sensor Size	1/4"
Pixel Size	2μm
Chroma Type	Color
Lens Type	Fixed Focus (M12)
Dimension (W x L x H/mm)	42 x 41 x 64
Lens FOV (D / H / V)	72° / 64° / 39°
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
EV2F-OOM3-RHCF-31	GMSL2 2MP Fixed Focus Camera Module
7W5000000390	FAKRA cable 1 meter
7W5000000400	FAKRA cable 3 meter
7W5000000340	FAKRA cable 5 meter
7W5000000350	FAKRA cable 10 meter
7W5000000360	FAKRA cable 15 meter

MECHANICAL DRAWING



RESOLUTION MATRIX

Resolution	YUV422	MJPEG
1920 x 1080	30 / 25fps	N/A
1280 x 720	30 / 25fps	N/A
640 x 480	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	3.05mm
Lens Structure	4G4P
Mount	M12 x P0.5 (S-Mount)

CABLE APPEARANCE

