EV3F-ZSM1-RXCF

GMSL2 3MP Fixed Focus Camera Module

HIGHLIGHT FEATURES

- GMSL2™ Interface, 3MP @60fps (Max. Resolution)
- Supports HDR, LFM, ISP, and IP69K Housing
- Dynamic Range : 120dB
- Lens FOV (D / H / V) : 80° / 64° / 41°
- Platform Support : NVIDIA Jetson Orin, Raspberry Pi
- Complies with CE / FCC Class A

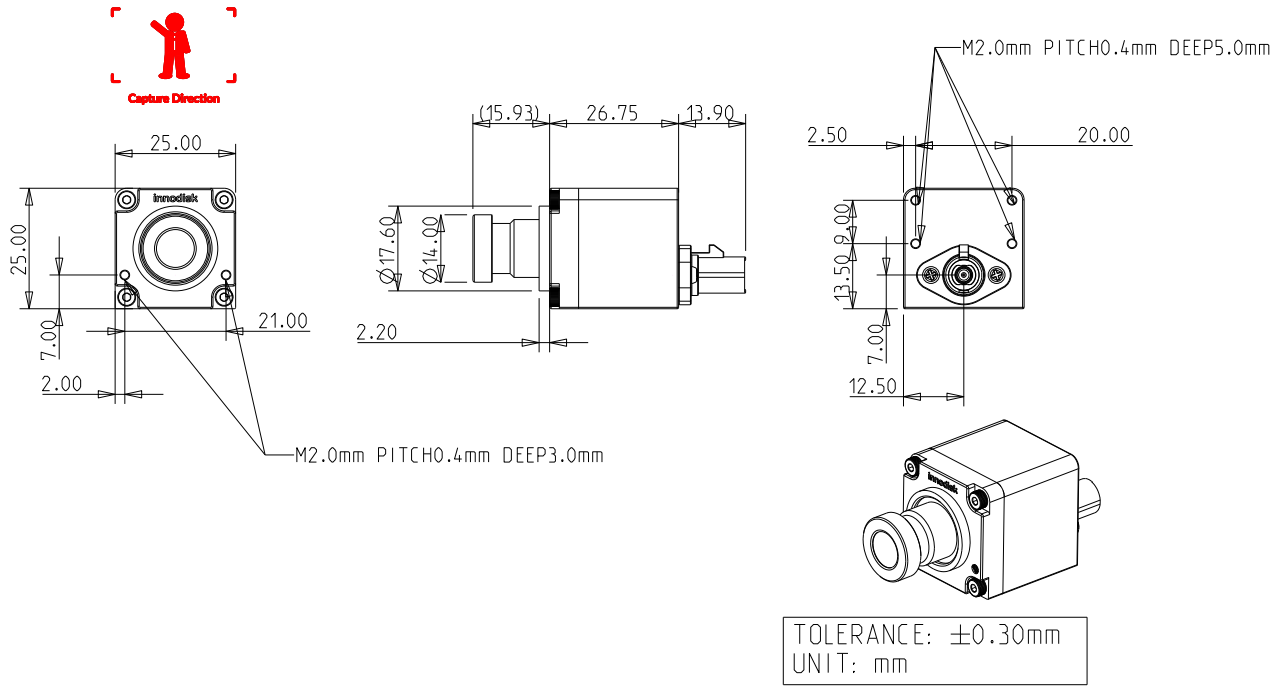
SPECIFICATIONS

Model Name	EV3F-ZSM1-RXCF
Module Type	GMSL2 3MP Fixed Focus Camera Module
Resolution (Max.)	3MP
Frame Rate (Max. Resolution)	60fps
Output I/F	GMSL2
Sensor	SONY ISX031
Serializer	MAX9295A
Shutter	Rolling
Video Format	YUV422
Power Consumption	Approximate 1.2W (YUV422 @Max. Resolution)
Operating Temperature	-40°C ~ 85°C
Sensor Size	1/2.42”
Pixel Size	3µm
Chroma Type	Color
Lens Type	Fixed Focus (M12)
Dimension (W x L x H/mm)	25 x 25 x 57
Lens FOV (D / H / V)	80° / 64° / 41°
Platform Support	NVIDIA Jetson Orin, Raspberry Pi
Housing	IP69K Housing
Features	LFM, HDR
Warranty	2 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
EV3F-ZSM1-RXCF-41	GMSL2 3MP 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 1536	60 / 50 / 30 / 25fps	N/A
1920 x 1080	60 / 50 / 30 / 25fps	N/A
1280 x 960	60 / 50 / 30 / 25fps	N/A
1280 x 720	60 / 50 / 30 / 25fps	N/A

PLATFORM SUPPORT

Platform	Processor
NVIDIA Jetson	Jetson AGX Orin Jetson Orin NX Jetson Orin Nano
Raspberry Pi	Raspberry Pi 5

LENS SPEC.

Items	Specification
F No.	1.7
Focal Length	5.49mm
Lens Structure	6G
Mount	M12 x P0.5 (S-Mount)

CABLE APPEARANCE

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