SG3-IMX900C-G2G-HSBKIT

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KEY FEATURES

- Support Nvidia Holoscan Platform
- Output Pixel： 2064*1552
- Support different focal length lens
- Output format: RAW format
- Allow customization

Application

- IOT
- Robots
- Medical

Parts list			
Serial number	Product model	quantity	remark
1	SG3-IMX900C-G2G-Hxxx	1	up to 2 cameras at most
2	T4JC-JC-ZZZZ-0500A	1	/
3	SG2A-HOLOSCAN-G2Y-A1	1	/
4	Holoscan Kit	1	/
5	holoscan壳体盖板	1	/
6	M2.5*5	4	/
7	万兆以太网口转RJ45模块	2	/
8	RJ45网线_0.5m	2	/

SG3-IMX900C-G2G-Hxxx

KEY PARAMETERS

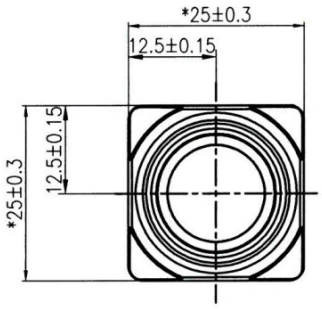
Sensor	SONY 3.2MP IMX900 RGGB
ISP	/
Image Size	1/3.1 inch CMOS
Exposure mode	Global shutter
Output Pixels	2064H*1552V
Pixel Size	2.25um*2.25um
Frame Rate	30fps
HDR Support	Yes
Output data	MIPI/RAW12
Serializer	MAXIM MAX96717G
Camera Interface	GMSL2
Power Supply	9~16V POC
Current	<200mA@12VDC
Connector	Amphenol Fakra（Z Code）
Operating temp. range	-40~+85℃
Dimensions	W: 25mm, L:25mm, H:18.6mm
Weight	<50g



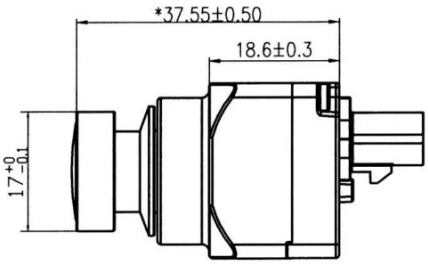
MODEL AND LENS

Model	HFOV	VFOV	F.No	EFL	Max Optical Distortion	Lens Mount
SG3-IMX900C-G2G-H60TA	69.8°	55.4°	F2.2	3.24mm	0.16%	AA
SG3-IMX900C-G2G-H120TA	121.4°	89.2°	F2.2	2.27mm	-73.5%	AA

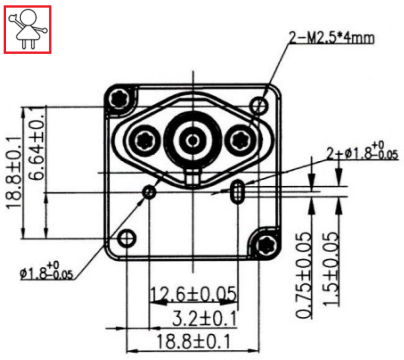
DIMENSIONS



Front View



Side View



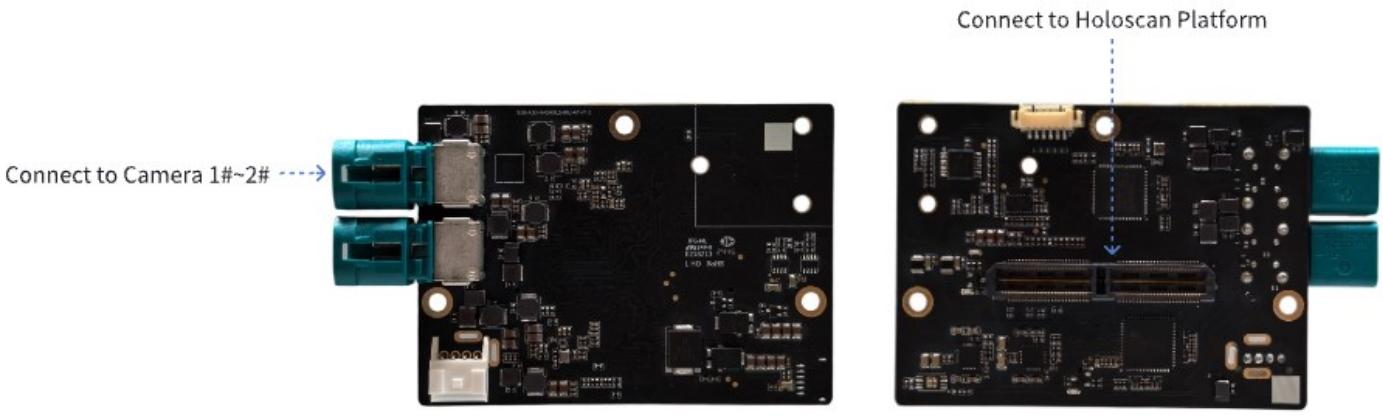
Rear View

Note:

The height of this module varies when matching different lenses. Please refer to 3D digital analog size for details.

This icon indicates the imaging direction is positive.

SG2A-HOLOSCAN-G2Y-A1



HOLOSCAN-KIT



T4JC-JC-ZZZZ-0500A

KEY PARAMETERS

Connector	4 in 1 Mini fakra（Z Code/female） Amphenol Fakra（Z Code/female ）
Length	0.5m
CABLE	RG174L
Operating temp. range	-45℃~85℃

Revision History

Version	Description	Release date
Rev1	First Release	Jun.2025

Contact Us

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