

INDUSTRIAL PRODUCT DATASHEET

Sensing SG3S-ISX031C-GMSL2F 3MP GMSL2 Camera

The Sensing SG3S-ISX031C-GMSL2F 3MP GMSL2 Camera combines GMSL2 connectivity, wide 190° FOV, built-in ISP, HDR, and external trigger to support ADASimaging, BEVdetection, and robotics.

SKU	UPDATED	PRICE
101090101	2026-09-07 02:57:10	\$459.00(Excl. VAT)



Overview



The Sensing SG3S-ISX031C-GMSL2F 3MP GMSL2 Camera features a GMSL2 interface with Fakra-Z connector, 190-degree horizontal FOV, built-in ISP outputting uncompressed 3MP 8-bit YUV422 data at 30fps, HDR support, and external trigger for synchronization among multiple cameras. It is designed for ADASimaging, BEVdetection, and robotics applications.

Key Features

- **GMSL Interface** Equipped with Fakra-Z connector and GMSL2 protocol, this camera is ideal for robotics and automotive applications
- **Wide FOV** Provides 190-degree Horizontal FOV that is suitable for surround vision purposes
- **Built-in ISP** Provides built-in ISP that outputs uncompressed 3MP 8-bit YUV422 format data at 30fps
- **HDR support** Provides high dynamic range imaging for different lighting scenarios
- **External trigger** Supports external trigger of camera and synchronization among multiple cameras

Product Gallery

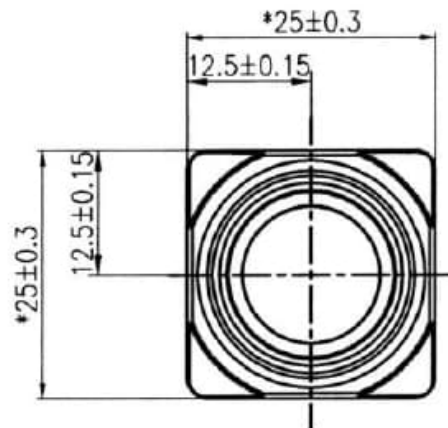




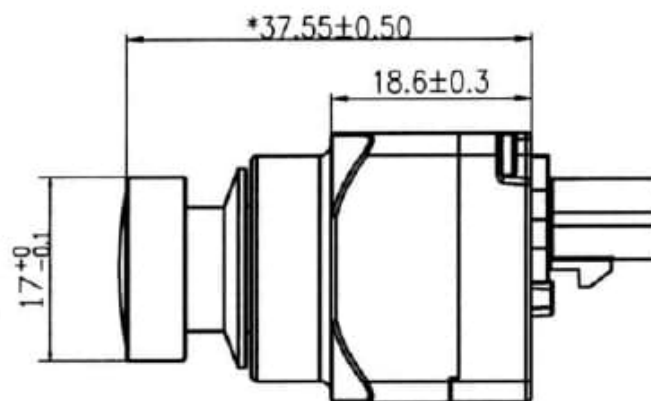
Specification

Product	SG3S-ISX031C-GMSL2F-H190XA
Voltage	9V ~ 16V (Power Over Coaxial)
Operating Temperature	-40°C~85°C
Mechanical Dimension	25mm x 25mm x 18.6mm
Communication Interface	GMSL2
HFOV	196 degree
VFOV	154 degree

Hardware Overview



Front View



Side View

Compliance & Logistics

HSCODE	8525891900
USHSCODE	8525895050
UPC	
EUHSCODE	8517600000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/SG3S-ISX031C-GMSL2F-p-6245.html>
- [Datasheet](#)
- [Github](#)

Seeed Technology Co.,Ltd.

9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676

Web: www.seeed.cc

Shop: www.seeedstudio.com