

# GMSL/GMSL2 Repeater

## GMSL/GMSL2 Repeater

### GENERAL DESCRIPTION

GMSL / GMSL2 Repeater is designed by SENSING Technology Co.,Ltd., which can realize one GMSL input and one GMSL output, so as to extend the transmission distance. Or which can realize one GMSL2 input and one GMSL2 output, so as to extend the transmission distance.



### KEY PARAMETERS

Transport Protocol	GMSL2
Number of Input Port	See Page2
Number of Output Port	See Page2
Input Interface	1*GMSL2
Output Interface	1*GMSL2
Data Rate Supported	1.5Gbps, 3Gbps, 6Gbps
Support Resolution	Up to 3840*2160
Output synchronization accuracy	< 10us
Power Supply	Yes
Connector	Fakra Z type
Operating temp. range	-40~+85°C
Dimensions	L:87.5mm, W: 70.6mm, H:20mm
Color	Black
Weight	<150g

### Features

- Lossless data transmission
- Low latency/ Microsecond level
- Low insert loss
- Suitable for various cameras

### Application

- Autonomous Driving
- Video Data acquisition vehicle
- Laboratory



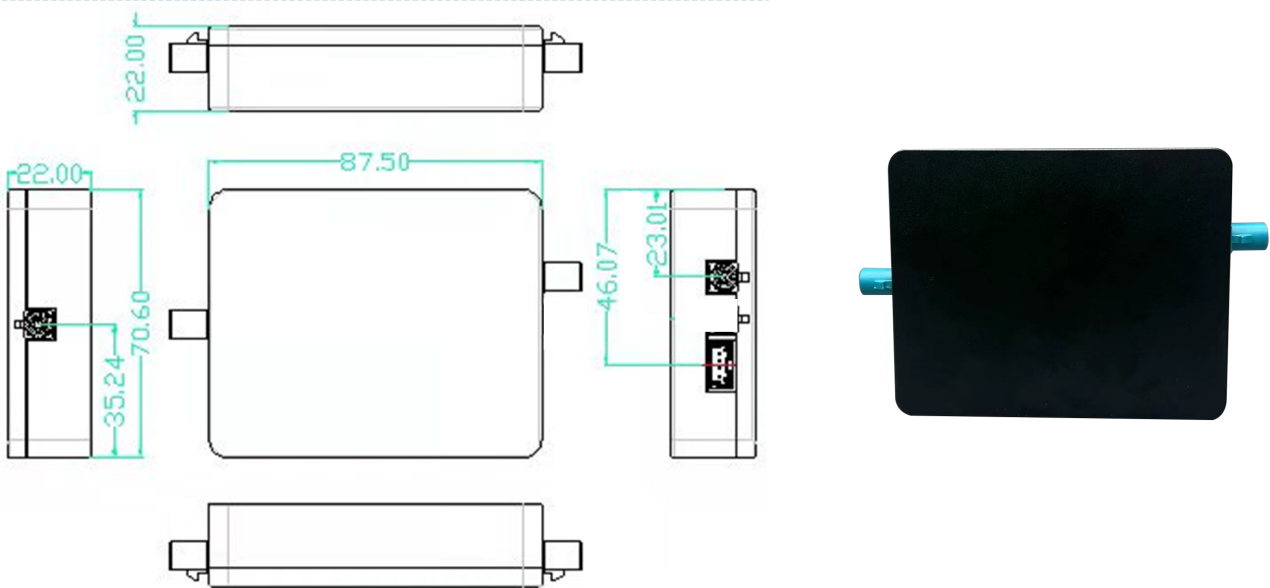


**PRODUCT MODELS**

Model	Input Port	Output Port	Resolution and max fps	Supported serial-izers	Data Rate Supported
SG2-BP0101-GMSL	1CH	1CH	Up to 1920*1080@30fps	MAX96705	1.5Gbps
SG8-BP0101-GMSL2	1CH	1CH	Up to 3840*2160@30fps	MAX9295A	3Gbps, 6Gbps



**DIMENSIONS**



→ **Connection diagram**

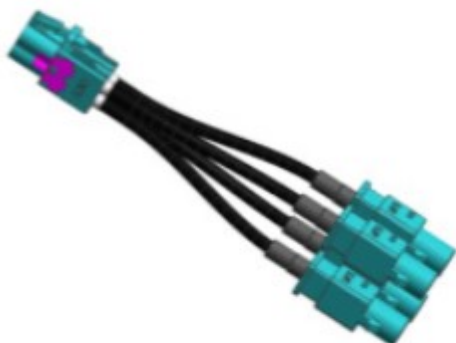




## ACCESSORIES

### → Coaxial Cable

Product Name	Order PN#	Specification
Mini-fakra Coaxial Cable 4-in-1 (TE)	T4JC-JS-ZZZZ-0500A	Mini-fakra, 4 in 1, 0.5m, Female to Female
Mini-fakra Coaxial Cable 4-in-1(Rosenberg)	R4PC-JS-ZZZZ-0500L	Mini-fakra, 4 in 1, 0.5m, Male to Female
Mini-fakra Coaxial Cable 4-in-1(Rosenberg)	R4JC-JS-ZZZZ-0500L	Mini-fakra, 4 in 1, 0.5m, Female to Female
Camera coaxial Cable	SG-JSZPSZ2000L	2M, Male to Female, IP67
Camera coaxial Cable	SG-JSZJSZ2000L	2M, Female to Female, IP67
Camera coaxial Cable	SG-JSZPSZ3000L	3M, Male to Female, IP67
Camera coaxial Cable	SG-JSZJSZ3000L	3M, Female to Female, IP67
Camera coaxial Cable	SG-JSZPSZ5000L	5M, Male to Female, IP67
Camera coaxial Cable	SG-JSZJSZ5000L	5M, Female to Female, IP67
Camera coaxial Cable	SG-JSZJSZ7000L	7M, Female to Female, IP67
Camera coaxial Cable	SG-JSZJSZ8000L	8M, Female to Female, IP67
Camera coaxial Cable	SG-JSZPSZL100L	10M, Male to Female, IP67
Camera coaxial Cable	SG-JSZJSZL100L	10M, Female to Female, IP67
Camera coaxial Cable	SG-JSZJSZL120L	12M, Female to Female, IP67
Camera coaxial Cable	SG-JSZJSZL160L	16M, Female to Female, IP67
Camera coaxial Cable	SG-JSZJSZL200L	20M, Female to Female, IP67





# Contact Us

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SKYPE



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