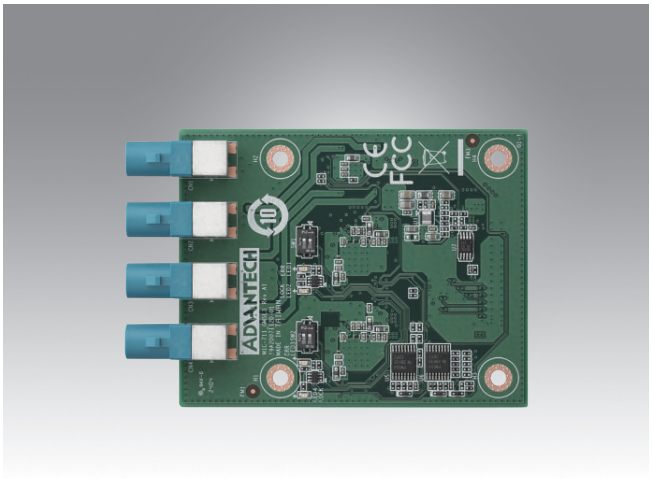
MIC-FG-4G

4-port MIPI interface GMSL Video Capture Card



Features

- Support 4ch GMSL camera
- Supports up to 4K, 30fps, quad channel
- MIPI 4 Lane compliant
- Power Over Coax
- V4l2, Gstreamer, Python support on Linux

Specifications

GMSL	Compatibility	GMSL2
	Speed	6 Gbps
	No. of Ports	4
	Port Connector	Fakra
	Video Format	YUV422, YUV420
	Bus Interface	MIPI CSI-2, D-Phy V1.2 compliant
Power Requirements	Input Voltage	12 Vdc direct from MIPI bus
	Overload Current Protection	Present
	Output Power	Power over coax, 12 VDC Max. 6W per channel
Environment	Operating Temperature	0 ~ 75°C (32 ~ 122°F)
	Storage Temperature	-20 ~ 80°C (-4 ~ 176°F)
	Operating Humidity	5 ~ 95% RH
Mechanics	Dimensions (W x D)	60 x 75 mm
	Weight	200g
Certification	Compliance	FCC CE Class A
Supported Platforms		Jetson AGX Orin platform (MIC-733) Jetson Orin NX platform (MIC-711, MIC-712, MIC-713)

Ordering information

Part Number	Description	Main Chip
MIC-FG-4G2C2	4-port MIPI interface GMSL2 Video Capture Card	MAX9296A

Packing List

Part Number	Description	Quantity
MIC-FG-4G	4-port GMSL Video Capture Card	1
19G20071100-01	FPC cable for GMSL board	1

Optional

Category	Part Number	Description	Quantity
cable	1751000805-01	RF Cable FAKRA-Z/F FAKRA-Z/F KS302 BLK L15M	by camera quantity

All product specifications are subject to change without notice.