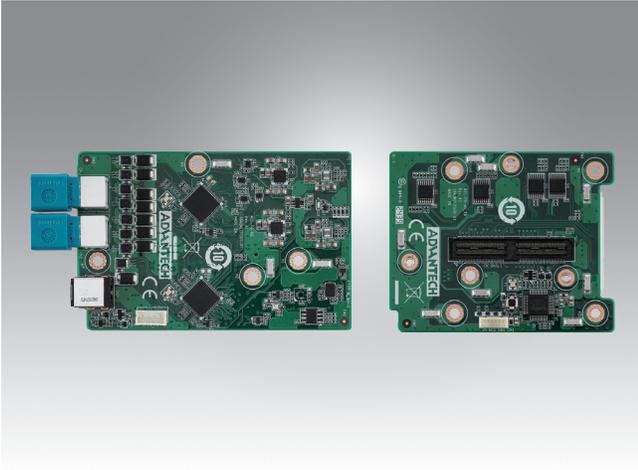


MIC-FG-8G

8-port GMSL2 frame grabber with mini FAKRA



Features

- Supports up to 8 GMSL2 cameras
- Supports external 12 V_{DC} power supply
- Supports up to 4K, 30FPS
- With IMU on card is suitable for industrial robots, multi-camera systems, and production lines applications
- V4I2, Gstreamer, Python support on Linux

Specifications

| | | |
|--------------------|-----------------------------|--|
| GMSL | Compatibility | GMSL2 |
| | Main Chip | MAX96712 |
| | Speed | 6 Gbps (Max. 2.5G/per) |
| | No. of Ports | 8 |
| | Port Connector | Mini Fakra |
| | Video Format | YUV444, YUV422, YUV420 |
| | Bus Interface | MIPI CSI-2, D-Phy V1.2 compliant |
| Power Requirements | Input Voltage | External 12 V _{DC} power supply |
| | Overload Current Protection | Present |
| | Output Power | Power over coax, 12 VDC Max. 6W per channel |
| Environment | Operating Temperature | -10 ~ 60°C (14 ~ 140°F) |
| | Storage Temperature | -20 ~ 80°C (-4 ~ 176°F) |
| | Operating Humidity | 5 ~ 95% RH |
| Mechanics | Dimensions (L x W x H) | Main board: 60 x 92 x 1.6 mm Daughter board: 60 x 74.4 x 1.6 mm |
| | Weight | Main board: 200g Daughter board: 60g |
| Certification | Compliance | FCC CE Class A |

Ordering information

| Part Number | Description | More Info. |
|-----------------|---|--|
| MIC-FG-8G2C1 | 8-port GMSL video capture card with mini FAKRA connectors, board-to-board interface, 8P Bracket | Supports for MIC-732 |
| MIC-FG-8G2C2 | 8-port GMSL video capture card with daughter board, FPC cable, 8P Bracket | Supports for MIC-733/713 |
| 1751000758-01 | Cable Ant.MINI FAKRA B-Z/F FAKRA-Z/M 1x4 BLK 300mm | 1 for 4x GMSL cameras 2 for 8x GMSL cameras |
| XHIT-9NA0654212 | A/D 100-240V 65W 12V C6 DC jack | External power supply |