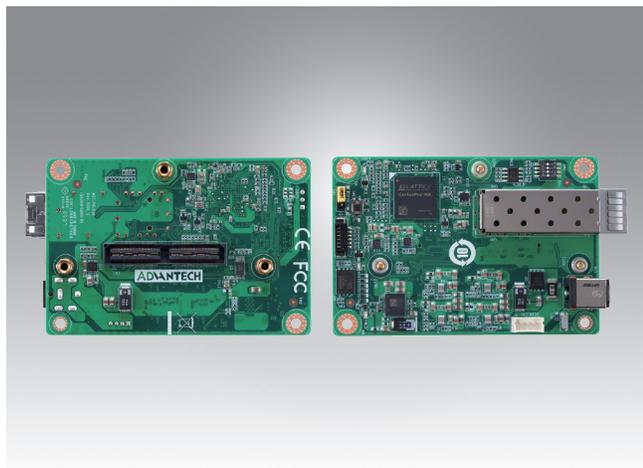


MIC-FG-HSB

The Sensor-over-Ethernet converter board powered by FPGA



Features

- Support MIPI camera converter board /8P GMSL board
- Supports up to 4K, 30FPS camera
- Ultra-Low Latency Real-Time Data Processing
- Direct Sensor Data Streaming to GPU Memory
- V4I2, Gstreamer, Python support on Linux

Specifications

Process	Main Chip	LFCPNX-100-9CBG256C FPGA
I/O	Ethernet	1 x 10 Gigabit Ethernet SFP+
Expansion	BtB connector	120pin BtB connector for MIPI / GMSL board
Power	Power Supply	Power input: 12V
	Power Type	DC jack / internal pin header
Environment	Operational Temperature	-10 ~ 60 °C with 0.7 m/s air flow
	Operating Humidity	95% @ 40 °C (non-condensing)
	Vibration	3 Grms @ 5 ~ 500 Hz, random, 1 hr/axis
Mechanical	Dimensions (W x D x H)	60 x 90mm
	Weight	0.5kg
Tool kit		Holoscan SDK

Ordering information

Part Number	Description
MIC-FG-HSBA1	the Holoscan Sensor Bridge main board with FPGA

Optional

Part Number	Description
1700026907-01	Internal power cable for MIC-FG-8G2C1
989200HSB02	4ch MIPI camera converter board
MIC-FG-8G2C1	8CH GMSL2 frame grabber with mini FAKRA
96PSA-A84W12V1-4	A/D 100-240V 84W 12V C6 DC jack