



Connect Tech

ALLIED VISION MIPI CAMERA BOARD

FOR NVIDIA® JETSON AGX XAVIER™

PART NUMBER: JCB005

The Allied Vision MIPI Camera Board is the vision solution that NVIDIA Jetson projects have been waiting for.

Empowering rapid integration of up to 6x Allied Vision MIPI CSI-2 sensors to Jetson AGX Xavier applications. This Camera Board enables rapid development and deployment of solutions utilizing Allied Vision Alvium 1500 C and 1800 C series sensors without the need of additional hardware or software components. Easy integration to the Rogue and Rogue-X Carrier Boards facilitates a flawless transition to field deployment.



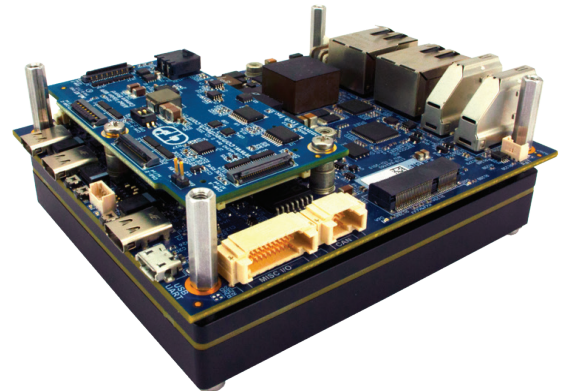
The Allied Vision MIPI Camera Board connects 6x 2-lane or 4x 4-lane MIPI CSI-2 cameras directly to this tiny footprint adapter. The Camera Board easily attaches to the Rogue and Rogue-X Carrier Boards through the camera expansion header connector.

FEATURES

- ✓ Easy application integration with BSP supporting Allied Vision included with Rogue and Rogue-X Carriers
- ✓ +12V power supplied through the Camera Expansion header
- ✓ Industrial-grade operating temperature: 40°C to +85°C (-40°F to +185°F)
- ✓ Tiny footprint: 75mm x 40.2mm (2.95" x 1.58")

SPECIFICATIONS

Size	75mm x 40.2 mm (2.95" x 1.58")
Connector	1x High Density Connector Camera Board will mate to the Camera Expansion Header on the Rogue or Rogue-X Carrier Board
Camera Inputs	Up to 6x MIPI CSI-2 (4x 4-lane or 6x 2-lane)
Allied Vision Sensor Support	1500 C and 1800 C Series Alvium MIPI CSI sensors
Camera Input Connectors	6x FH55-22S-0.5SH Hirose Connectors
Power	Can be directly powered from Camera Expansion Header or External +12V Input
Operating Temperature	-40°C to +85°C (-40°F to +185°F)
Weight	19g (0.67oz)
Warranty and Support	1 Year Warranty and Free Technical Support



 Allied Vision

RoHS

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