

# Out now: New MIPI CSI-2 adapter boards and CSI-2 driver for Allied Vision's Alvium cameras

Allied Vision releases additional adapter boards and driver for the Alvium CSI-2 camera series

*Stadtroda, Germany, February 24, 2020* – With the release of new MIPI CSI-2 adapter boards and CSI-2 drivers, Allied Vision further extends the possibilities to easily integrate Alvium CSI-2 cameras into embedded systems.

## **CSI-2 adapter boards**

Allied Vision has developed adapter boards for some of the most popular single board computers and carrier boards. Now, three additional adapter boards are available to support the following systems:

- Toradex Ixora Carrier Board
- NVIDIA Jetson TX2 Developer Kit
- NVIDIA Jetson AGX Xavier Developer Kit
- NVIDIA Jetson Nano Developer Kit

## **Great connectivity and easy access**

With these adapter boards and the corresponding drivers, Allied Vision ensures an easy integration, upgrade or exchange of any Alvium CSI-2 camera module in a large number of embedded systems.

<b>Description</b>	<b>Supported Carrier Boards / systems with driver support</b>	<b>Number of camera connectors</b>
Adapter Board CSI-2 Toradex Ixora Carrier	Toradex Ixora Carrier Board with <ul style="list-style-type: none"><li>• Apalis iMX8 Module</li></ul>	1
Adapter Board CSI-2 Nvidia Jetson TX2 / Xavier	<ul style="list-style-type: none"><li>• NVIDIA Jetson TX2 Developer Kit</li><li>• NVIDIA Jetson AGX Xavier Developer Kit</li></ul>	2
Adapter Board CSI-2 RPi / Nvidia Jetson Nano Dev Kit	<ul style="list-style-type: none"><li>• NVIDIA Jetson Nano Developer Kit</li></ul>	1

Together with the already existing Wandboard and Nitrogen Max CSI-2 Adapter Boards for NXP iMX 6, Allied Vision offers a large choice of adapter board and other accessories, such as CSI-2 cables and lenses to ease integration of the Alvium camera platform into different embedded platforms. Design files for the adapters are available as open source design files on GitHub.

#### **CSI-2 driver for NVIDIA Jetson System-on-Modules**

Also available on GitHub are numerous CSI-2 drivers for various Systems on Module (SoMs) and embedded boards. For NVIDIA's Jetson systems, Allied Vision provides a CSI-2 driver that is compatible with various system-on-modules of the Jetson family (Jetson Nano, Jetson TX2 and Jetson AGX Xavier) and the NVIDIA JetPack SDK, regardless of the choice of Alvium camera used. Also for future versions of the JetPack SDK, easy integration is guaranteed without the need for another driver.

In order to enable an easy evaluation and setup for our customers, Allied Vision also provides precompiled kernel for Jetson Nano, TX2, and Xavier on [alliedvision.com](http://alliedvision.com), ready to use SD card image for Jetson Nano and driver sources and installation scripts as well as code examples on [GitHub.com](http://GitHub.com).

**Allied Vision company profile**

For more than 30 years, Allied Vision has been helping people to reach their imaging goals. Allied Vision supplies camera technology and image capture solutions for industrial inspection, medical and scientific imaging, traffic monitoring and many more application areas in digital imaging. With a deep understanding of customers' needs, Allied Vision finds individual solutions for every application, a practice which has made Allied Vision one of the leading camera manufacturers worldwide in the machine vision market.

The company has nine locations in Germany, Canada, the United States, Singapore and China and is represented by a network of sales partners in over 30 countries. Allied Vision is member of the TKH Group.

[www.alliedvision.com](http://www.alliedvision.com)

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