

Avnet Silica expands its embedded vision solutions portfolio through EMEA-wide partnership with Allied Vision

Collaboration with camera module manufacturer includes complete set of mainline drivers in the Linux kernel

Brussels, Belgium, 7th May 2024 – [Avnet Silica](#), an Avnet company (NASDAQ: [AVT](#)), today announced it is welcoming [Allied Vision](#), manufacturer of high-quality industrial camera modules and lenses, into its linecard as an EMEA-wide franchise. The agreement provides customers with complementary support for varied needs, from optics over cameras to image processing on embedded SoCs, through Avnet Silica's EMEA Software and Services team.

Allied Vision's strategic positioning in Germany enables Avnet Silica customers to leverage short lead times and swiftly meet market demands, offering a variety of image sensors in one unified housing and driver API. The supplier demonstrates its commitment to high quality manufacturing through active sensor and lens alignment, enhancing image quality and streamlining data processing. Moreover, compliance with ISO 13485 medical certification underscores Allied Vision's dedication to international standards for medical devices, building trust with customers, and opening new market opportunities.

Avnet Silica Software and Services EMEA's mainline driver for Alvium cameras has been integrated and accepted into the Linux kernel. "The mainline driver's availability for our Alvium platform marks an extremely important milestone, not only for the cooperation between Allied Vision and Avnet Silica, but also for all users. This driver ensures optimal compatibility with current and future embedded vision solutions and simplifies the integration of Alvium cameras into Linux and ARM platforms," said Torben Maschmann, Director Software & Quality Assurance, Allied Vision.

"We are delighted to welcome Allied Vision as a supplier," added Michael Roeder, Senior Manager, Avnet Silica Software and Services EMEA. "Maintaining the Windows and Linux drivers by Avnet Silica not only offers our customers a one-stop-shop for integration and prototyping support and end-to-end vision consulting, but also ensures optimal compatibility and an actively maintained, seamless evaluation and prototyping ecosystem for all our major SoC franchises, such as AMD, NXP and Renesas. We look forward to providing customers with the best consulting services, bring-up, and development support."

The addition of Allied Vision as a supplier also benefits customers interested in adopting Avnet Embedded module solutions and want to profit from the Software & Services EMEA enablement for Avnet Embedded boards. Allied Vision camera modules are an ideal complement to embedded image processing devices based on models by Avnet Embedded, ensuring product development and deployment efficiency. Additionally, through Allied Vision, Avnet Silica now supports customers' requests for lenses and image sensors outside its linecard, such as Sony sensors.

The partnership was launched during embedded world 2024, where Avnet Silica featured demonstrations of Allied Vision's GMSL2 Alvium camera on Windows 10 IoT and an NXP i.MX8MPlus running mainline Linux. Additionally, visitors could discover the benefits of Avnet Silica and Allied Vision's collaboration by attending a series of seminars which focus on the selection of cameras and module-based prototyping with Allied Vision and Avnet Embedded module solutions. Due to the success a webinar series will follow.

More details on Allied Vision's camera solutions are available through Avnet Silica at <https://my.avnet.com/silica/manufacturers/m/allied-vision/>.

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About Avnet Silica

Avnet Silica is the European semiconductor specialist division of Avnet, one of the leading global technology distributors, and acts as the smart connection between customers and suppliers. The distributor simplifies complexity by providing creative solutions, technology and logistics support. Avnet Silica is a partner of leading semiconductor manufacturers and innovative solution providers over many years. With a team of more than 200 application engineers and technical specialists, Avnet Silica supports projects all the way from the idea to the concept to production. Avnet Silica is a regional business unit of Avnet, (NASDAQ: AVT) with European headquarters in Belgium (Avnet Europe BV). For more information, visit www.avnet-silica.com

About Avnet

As a leading global technology distributor and solutions provider, Avnet has served customers' evolving needs for an entire century. We support customers at each stage of a product's lifecycle, from idea to design and from prototype to production. Our unique position at the center of the technology value chain enables us to accelerate the design and supply stages of product development so customers can realize revenue faster. Decade after decade, Avnet helps its customers and suppliers around the world realize the transformative possibilities of technology. Learn more about Avnet at www.avnet.com.

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