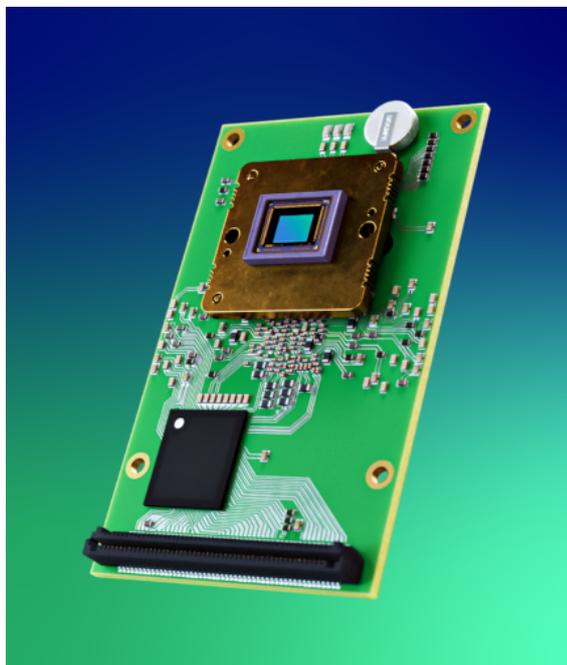


embedded world:

Vision Components unveils all-in-one VC EvoCam with MediaTek processor



Ettlingen, February 18, 2026.

Vision Components is presenting the VCSBC EvoCam for the first time at embedded world, a new generation of all-in-one intelligent board-level cameras featuring the MediaTek Genio 510 processor. Measuring tiny 65 x 40 mm, the camera is equipped with all necessary components for image acquisition and image processing, making the integration of embedded vision even faster and easier. The VC EvoCam camera series is configurable with numerous image sensors and can be individually adapted using interface boards. Additionally, Vision Components shows the new VC MIPI IMX454 Camera Module for multispectral imaging, as well as its VC MIPI Bricks System for plug-and-play vision integration.

www.vision-components.com

www.mipi-modules.com

embedded world Hall 2, Booth 2-551

All-in-one camera with MediaTek Genio 510 processor

The VC EvoCam can be configured with an onboard image sensor or with one or two cable-connected remote-head cameras. Image sensors from the VC MIPI Camera portfolio are available for this purpose; the first VC EvoCam presented at embedded world is equipped with the Sony IMX900 image sensor featuring 3.2 MP resolution and global shutter. The MediaTek Genio 510 Edge AI processor is integrated for direct image processing. It features two ARM Cortex-A78 and four ARM Cortex-A55 cores, an ARM Mali GPU, and an NPU with a performance of 3.2 TOPS. Up to 2 GB of RAM, 16 GB of flash memory, and expandability via SD 3.0 enable the processing and storage of extensive image data. The VC EvoCam is supplied with a customized Debian Linux operating system. Common image processing functions are directly supported and included as demo applications.

Jan-Erik Schmitt, Vice President of Sales at Vision Components, says:

"The VCSBC EvoCam is a all-in-one camera and processing unit, completely integrated on an ultra-compact board. With the MediaTek Genio 510, we choose a processor that combines high computing power with a favorable price-performance ratio. The connection between camera and processor board, drivers, and access to the processing units are

completely prepared. The VC EvoCam is ideally suited for smart devices and various professional and industrial applications. It makes the integration of vision systems faster and easier."

Individual adaptation with interface boards

For integration into devices and applications, the VC EvoCam features a 100-pin board-to-board connector. Signals for interfaces and processor functionalities are made available here, including I/Os, I²C, USB, Ethernet, Video DSI, and PCIe. At the start of volume production in the first half of 2026, a minimalist interface board will be available, featuring power supply, I/Os for trigger and flash, as well as USB and RJ45/LAN. A more extensive interface board will follow shortly as a development kit and for prototyping, routing all connector signals to physical interfaces. Vision Components supports customers in the development of individual interface boards as well as the design-in of the VC EvoCam.

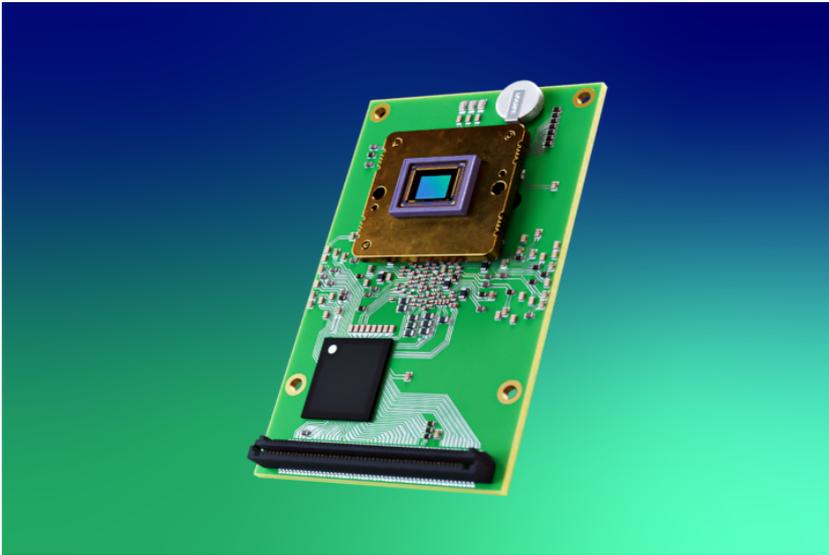
Celebrating 30 Years of VC Smart Cameras

In 2026, Vision Components celebrates its 30th anniversary. In 1996, the company presented the first industrial-grade smart camera, developed by company founder Michael Engel. The VC EvoCam now marks another milestone, with the high computing power of the MediaTek processor, flexibly adaptable for numerous applications, and with a freely programmable Linux operating system for easy and rapid integration.

At embedded world, alongside the new VC EvoCam, Vision Components is showing the new VC MIPI IMX454 Camera Module for multispectral imaging, the VC MIPI Multiview Cam with nine image sensors for customer-specific multiview and multispectral applications, as well as the VC MIPI Portfolio of flexible and industrial-grade cameras with MIPI CSI-2 interface. The components of the VC MIPI Bricks System for plug-and-play vision integration will also be on display. It comprises various cable options and lens holders as well as ready-to-use MIPI CSI-2 Cameras.

Images:

VC-VCSBC-EvoCam_01.png

**Caption:**

As a world first, Vision Components presents the VCSBC EvoCam, an all-in-one intelligent board-level camera with MediaTek processor for even faster and easier embedded vision integration.

About Vision Components

Vision Components is a leading manufacturer of embedded vision systems with over 25 years of experience. The product range extends from versatile MIPI camera modules to freely programmable cameras with ARM/Linux and OEM systems for 2D and 3D image processing. The company was founded in 1996 by Michael Engel, inventor of the first industrial-grade intelligent camera. VC operates worldwide, with sales offices in the USA, Japan, and UAE as well as local partners in over 25 countries.

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