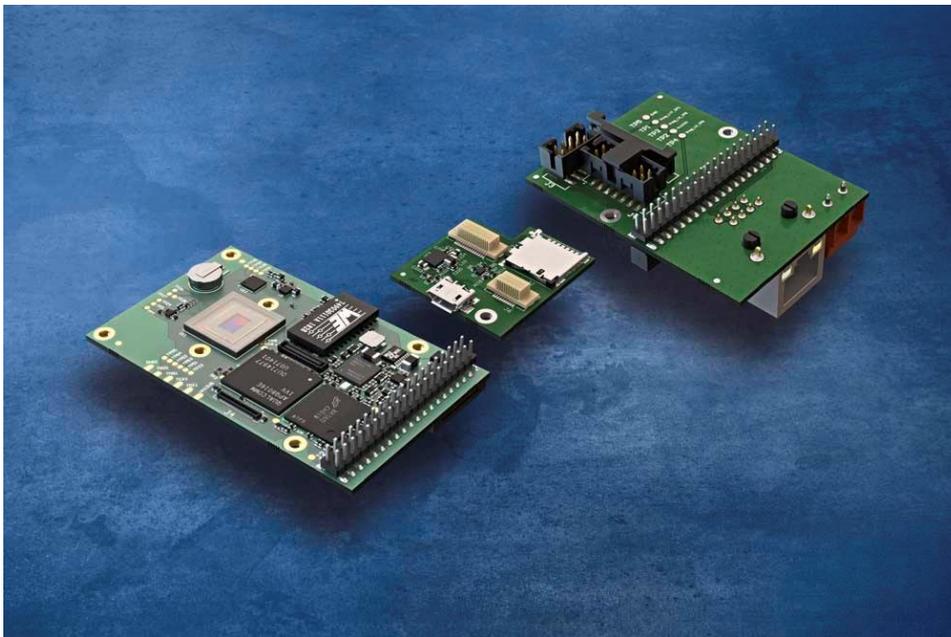


Press Release

New embedded vision systems with quad-core processors

Vision Components premiered the first prototype of its latest generation of embedded vision systems offering a substantial performance boost: The onboard quad-core processor, Qualcomm's Snapdragon 410, is clocked at 1.2 GHz. The board camera VC DragonCam features a Gbit Ethernet interface, 12 GPIOs, 1 GB RAM, and 16 GB flash memory. Two optional add-on boards provide the embedded system with an SD card slot and more interfaces: serial interface, I²C, RS232, DSI, RJ45 Ethernet adapter, and power interface. Vision Components integrates high-end CMOS sensors, starting with Sony Pregius IMX 296, which features a resolution of 1440 x 1080 pixel and 60 fps frame rate. More image sensors will follow shortly. Customers can place inquiries for the new cameras as of now; delivery will commence in Q1/2020. As with all VC cameras, the manufacturer guarantees long-term availability. This makes the freely programmable embedded systems with a Linux operating system ideal for any OEM design and for industrial serial production in particular.



Caption: More power, more interfaces, more memory: the new embedded cameras feature a quad-core processor and can be extended by connecting boards with SD card slots and various interfaces

Image/s: quad-core_vc_cam__sd_card__interface_board Characters: 1041

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About Vision Components

Vision Components is a leading international manufacturer of embedded vision systems. The freely programmable cameras with powerful onboard CPUs perform image processing tasks on their own without the need for an additional computer. Vision Components offers OEMs versatile Linux-based embedded systems for 2D and 3D image processing, supplied as board cameras or in protective casings. These are complemented by a growing range of ultracompact MIPI camera boards, which connect to a variety of different CPU boards. In addition, Vision Components offers software libraries and develops customized solutions on request. The team of experts can draw on extensive knowledge and over 20 years of experience with imaging applications. The company based in Ettlingen in southwestern Germany was founded in 1996 by Michael Engel, the inventor of the first industrial-grade intelligent camera. More world premieres followed, including the world's first intelligent vision sensors and the first-ever embedded 3D laser profiler. Today, Vision Components has sales offices in the United States and Japan and works with local partners in over 25 countries to provide consistent customer focus and readily available expertise throughout the world.

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