



PRESS RELEASE

e-con Systems Inc.

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For immediate release

e-con Systems launches 4K MIPI CSI-2 camera support for Toradex's i.MX8 system on modules (SoMs)

"From a bouquet of cameras, customers get to choose a suitable camera for Toradex's i.MX8 SOM for their embedded vision application"

ST. LOUIS, USA and CHENNAI, India – August 05, 2020: e-con Systems Inc, a leading embedded vision camera manufacturer is excited to announce their partnership with Toradex, a leading embedded System on Module provider. Further, e-con Systems has launched a bouquet of MIPI CSI-2 camera module support for Toradex's iMX8 SoM series, Apalis. Among the camera modules would be e-con's flag ship 4Kcamera module, [e-CAM137A CUMI1335 MOD](#). By launching variety of camera modules with different image sensors and various features, e-con Systems enables [Toradex Apalis i.MX8](#) customers to address multiple applications.

e-con Systems' [e-CAM137A CUMI1335 MOD](#) is based on 1/3.2 inch ON Semiconductor's AR1335 high resolution sensor with a pixel array of 4208H x 3120V. The camera module supports a M12 holder which allows the customer to interchange various lenses.

Other than the 4K camera module, the initial launch includes [e-CAM55 CUMI0521 MOD](#), 5MP MIPI CSI-2 camera module based on 1/2.5 inch ON Semiconductor's AR0521 sensor with active pixel array 2592 (H) x 1944 (V). The larger pixel size of AR0521 provides superior low light performance enabling quality imaging systems in varied lighting environments.

In addition, e-con Systems would be soon launching [e-CAM130 MI1335 MOD](#), 4K Autofocus camera module and [e-CAM56 CUMI0521 MOD](#), 5MP MIPI CSI-2 Monochrome module for Toradex's iMX8 SoMs. Also more cameras would be launched soon for [Verdin family of SoMs](#)

"e-con Systems, a pioneer in embedded vision is excited to partner with Toradex, a leading computing solutions provider for embedded industry to launch our bouquet of MIPI CSI-2 camera modules for Toradex computing platforms. Our customers can choose any camera from this bouquet to build and deploy their embedded vision products in no time" said Ashok Babu, President of e-con Systems Inc. "Customers can bring down the time-to-market for their embedded vision products drastically as these cameras are already tuned for image quality and ready for deployment in the field without worrying about camera integration issues for long term supply of cameras", he added.

"Toradex's focus is to make embedded computing easy. We know that good camera support is important for many of our customers. We are pleased to welcome e-con Systems to our proven Partner Network. We worked hand-in-hand to integrate their camera in our Yocto Project-based BSP and [Torizon](#), the easy-to-use industrial Linux platform. For customers, this means these cameras just work and you can focus on your application. e-con provides a wide range of camera modules supporting Image Signal Processing (ISP), this provides much better performance on applications processors without dedicated ISP such as the i.MX 8 and i.MX 8X", said Daniel Lang, CMO, Toradex.

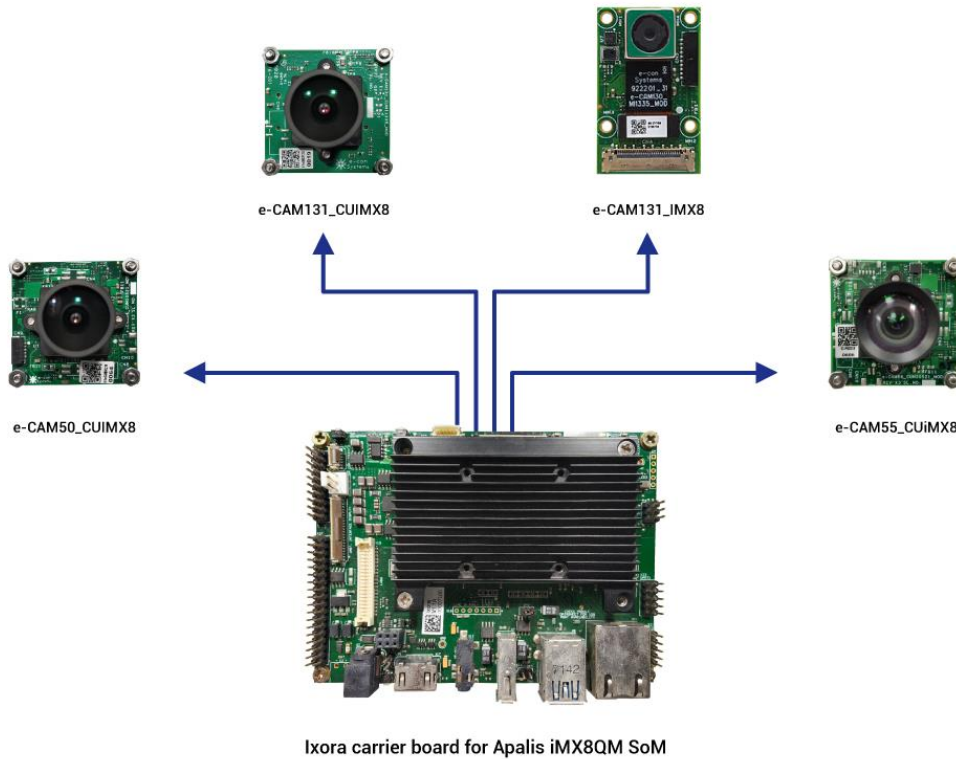


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e-con Systems has integrated the camera drivers with Toradex's [Torizon](#), an open-source software platform with Linux OS. This would provide a smooth out of the box experience for Toradex's existing customers who have bought iMX8 Apalis SoMs.

Availability

Customers can order the following evaluation kits for testing the various camera modules with the Toradex's Apalisi.MX8 SoMs from e-con's [Online store](#).

Eval Kit part number	Camera module	Description	Availability
e-CAM131_CUIMX8	e-CAM137A_CUMI1335_MOD	4K(13MP) M12 fixed focus	Immediate
e-CAM50_CUIMX8	e-CAM55_CUMI0521_MOD	5MP M12 fixed focus	Immediate
e-CAM131_IMX8	e-CAM130_MI1335_MOD	4K (13MP) Autofocus	Soon
e-CAM55_CUIMX8	e-CAM56_CUMI0521_MOD	5MP monochrome fixed focus	Soon

For more information, please visit our product pages [e-CAM137A_CUMI1335_MOD](#) and [e-CAM55_CUMI0521_MOD](#). Also, on the [Toradex website](#).

Also, watch the demo video at <https://www.youtube.com/watch?v=vhnNLIjrbc>



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Customization

Customers interested in customizing can contact sales@e-consystems.com for any customization and additional features.

About e-con Systems

e-con Systems is an embedded vision products company focused on OEM camera products that include USB camera modules, MIPI CSI-2 camera modules with the sole motive to help customers to speed up the time to market. e-con Systems notable contribution has been in the launch of the World's first UVC Compatible USB 3.0 camera.

e-con Systems has close partnerships with Cypress Semiconductor, NVIDIA, Xilinx, Sony, Omnivision, ON Semiconductor/Aptina and Texas Instruments. Founded in 2003, e-con Systems ships camera modules globally to 90 countries in the world including United States, Germany, Belgium, France, UK, Sweden, Netherlands, Canada, Denmark, Finland, Norway, Australia, Japan, South Korea, Singapore etc.

About Toradex

Toradex specializes in embedded computing technology, offering [Arm®-based system-on-modules \(SoMs\)](#), computer-on-modules (CoMs), and customized SBCs. Toradex's pin-compatible CoMs offer scalability and come with free premium support, long-term product availability, and industrial-grade software, including Torizon, an easy-to-use open source embedded Linux distribution. Toradex relies on exceptional engineering, modern infrastructure, and advanced automation to consistently and rapidly deliver the latest and greatest hardware and software to its customers.

Founded in 2003 and headquartered in Horw, Switzerland, the company's network stretches across the globe with offices in the U.S., Vietnam, China, India, Japan, and Brazil. For more information, please visit www.toradex.com. For media queries, please contact lakshmi.naidu@toradex.com.

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