



PRESS RELEASE

e-con Systems Inc.

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For immediate release

e-con Systems' has launched the 4K Multi-Camera System for NVIDIA TX1/TX2.

Following the great response to the HEX Camera (six synchronized Full HD Camera), e-con Systems has geared-up to release yet another landmark product for NVIDIA TX1/TX2, TRI Camera (Three Synchronized Ultra HD MIPI CSI-2 Camera System)

ST. LOUIS and CHENNAI, India – June 6, 2018 - e-con Systems Inc., NVIDIA's Preferred Partner, a leading embedded camera solution company, today announced the launch of Multiple 4K camera support for NVIDIA Jetson TX1/TX2 - [e-CAM130_TRICUTX2](#). Being a preferred partner of NVIDIA®, e-con Systems is coming up with various camera solution supports for NVIDIA® TX1 and TX2 processors.

e-CAM130_TRICUTX2 is a multiple camera solution for NVIDIA® Jetson TX1/TX2 developer kit that consists of three 13MP 4-Lane MIPI CSI-2 camera board and a base board to interface with the J22 connector on the Jetson TX1/TX2. Each camera is based on the camera module e-CAM137_CUMI1335_MOD, 1/3" AR1335 color CMOS image sensor from ON Semiconductor® and integrated Advance Image Signal Processor (ISP). All these three cameras are connected to the base board using customized Micro-Coaxial cables. To ensure the sturdiness of the system, e-con Systems has designed a very flexible 30cm long Micro-Coaxial cable with connector locks at both ends, allows customers to connect both camera boards and adaptor board with no trouble.

Nvidia Jetson TX1/TX2 has support for three 4-lane MIPI CSI-2 interface. e-CAM137_CUMI1335_MOD can stream uncompressed video 4K @ 30fps. The TRICamera, supports up to 3 simultaneous synchronized 4K @ 30fps streams. That allows wide range of application can be built on top of it. Some of the applications are ADAS, 360-degree camera, Multimedia applications, 3D video recorder, Agricultural application, Drone, Deep learning and so on

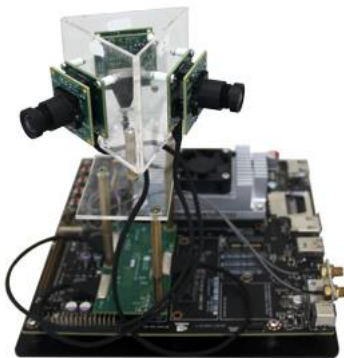


Fig-1: e-CAM130_TRICUTX2 - 4K Multi-Camera System with rig
Connected with NVIDIA Jetson TX1/TX2

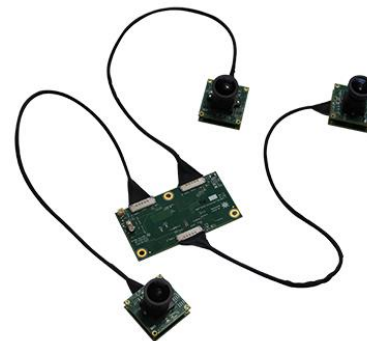


Fig-2: e-CAM130_TRICUTX2 - 4K Multi-Camera System
without rigs

Note: Camera will not be sold with the rig shown in the fig:1

“As a sequel to our Hexcam for NVIDIA TX2 supporting six 1080p video, e-con is happy to launch Tricam based on 4k resolution e-CAM137_CUMI1335_MOD. Customers can use up to three 4k cameras on a single TX2 platform applications demanding high resolution video with an additional flexibility to place these cameras in any orientation based on application requirements.”
said **Ashok Babu**, President of **e-con Systems Inc.**



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Availability

The e-CAM130_TRICUTX2 is currently available for evaluation. Customers interested in evaluating the e-CAM130_TRICUTX2 can order samples from e-con Systems' [online store](#).

For more information, please visit <https://www.e-consystems.com/three-synchronized-4k-cameras-for-nvidia-jetson-tx2.asp> Also, watch the demo video at <https://www.youtube.com/watch?v=kNaZr0mcuJ8>

Customization

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

About e-con Systems

e-con Systems specializes in camera solutions with offerings like camera modules, USB camera modules, camera boards for various microprocessors, camera Device driver development services on Windows/Linux/Android Operating systems, Camera reference design, software ISP, camera customization and camera tuning.

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