PRESS RELEASE
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e-con Systems has launches the most awaited Multiple 4K Stream support for NVIDIA AGX Xavier.

After the successful launches of NVIDIA TX1/TX2 cameras, e-con Systems (The NVIDIA's official preferred partner for Jetson platforms) has launched the four Synchronized 4K MIPI CSI-2 Cameras for NVIDIA AGX Xavier.

ST. LOUIS and CHENNAI, India – January 24, 2019 - e-con Systems Inc., a leading embedded camera solution company, today announced the launch of e-CAM130_CUXVR, Multiple 4K camera support for NVIDIA Jetson AGX Xavier Developer kit. e-CAM130_CUXVR is mutli-camera solution that has upto four e-CAM137_CUMI1335_MOD, based on 1/3.2 inch AR1335 CMOS image sensor from ON Semiconductor.

With NVIDIA Jetson AGX Xavier kit, you can easily create and deploy end-to-end AI robotics applications. Since it's powered by the new NVIDIA Xavier processor, you now have more than 20X performance and 10X energy efficiency of its predecessor, the NVIDIA Jetson TX2, that will open up ways for applications which are beyond our imaginations.

NVIDIA Jetson AGX Xavier has support for 4x 4 lane MIPI CSI-2 interface.e-CAM137_CUMI1335_MOD can stream uncompressed video 4K @ 30fps. The e-CAM130_CUXVR, supports up to 4 simultaneous synchronized 4K @ 30fps streams.

*Fig-1: **e-CAM130_CUXVR** - Four 4 lane MIPI 4K Cameras for NVIDIA Jetson AGX Xavier*

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"We are excited with the launch of our highly successful 13MP camera e-CAM137_CUMI1335_MOD for NVIDIA Jetson Xavier platform. With the capability of capturing synchronous 4k video from four camera modules, this solution allows our customers to fully leverage the huge computation power of NVIDIA Jetson Xavier platform." said **Ashok Babu**, President of **e-con Systems Inc**.

e-CAM137_CUMI1335_MOD is based on 1/3.2' AR1335 image sensor with an on-board high-performance Image Signal Processor chip (ISP) that performs all the Auto Functions (Auto White Balance, Auto Exposure control, etc) in addition to complete Image Signal Processing functions. It comes with S-Mount lens holder to support wide range of Lenses.

Availability

The e-CAM130_CUXVR is currently available for evaluation. Customers interested in evaluating the e-CAM130_CUXVR can purchase order samples from e-con Systems' online store.

For more information, please visit https://www.e-consystems.com/nvidia-cameras/jetson-agx-xavier-cameras/four-synchronized-4k-cameras.asp
Also, watch the demo video at https://www.youtube.com/watch?v=nC1cnxHqjpM

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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