PRESS RELEASE
e-con Systems Inc.
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e-con Systems launches SurveilsQUAD - Synchronized Multi-camera System for NVIDIA AGX Xavier.

As a camera partner of NVIDIA, e-con Systems is introducing more and more camera support for NVIDIA Platforms. This time we came up with SONY STARVIS IMX290 based Synchronized Multi-camera System, SurveilsQUAD.

SAN JOSE and CHENNAI, India – July 10, 2019 - e-con Systems Inc., NVIDIA's Preferred partner, a leading embedded camera solution company, today announced the launch of **SurveilsQUAD** for NVIDIA® Jetson AGX Xavier™ Developer kit and NVIDIA® Jetson™ TX2 Developer kit. This multi-camera system is based on most popular **SONY® STARVIS IMX290 image sensor.** It can produce excellent image quality under various lighting conditions including near darkness.

SurveilsQUAD (e-CAM20_CUXVR) is a multiple camera solution that consists of four 2MP camera board and a base board to interface with the NVIDIA® Jetson AGX Xavier™ Developer Kit. Each camera is based on the e-con's popular camera module **e-CAM21_CUMI290_MOD**, **a SONY® Starvis IMX290 color CMOS image sensor**. This camera uses NVIDIA's on-board Jetson Xavier Image Signal Processor (ISP) to perform all the Auto functions (Auto White Balance, Auto Exposure control). It has S-mount (M12) lens holder which allows customers to choose and use the lens according to their requirement.

With NVIDIA® Jetson AGX Xavier™ and NVIDIA® Jetson™ TX2 kit, you can easily create and deploy end-to-end AI and deep learning applications. The advanced Software development kits based on Neural networks provides enormous opportunities for AI and deep learning application like park lot management, intruder detection, object tracking and so on
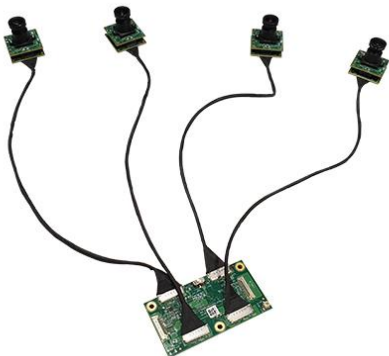

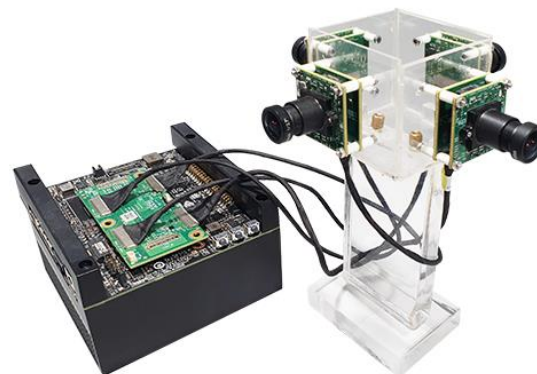Fig:1 **SurveilsQUAD** Synchronized Multi-camera Systems

Fig:2 – **SurveilsQUAD** connected to NVIDIA Jetson Xavier

"Targeted for next generation of AI applications, e-con's latest SurveilsQUAD camera serves as an ideal platform for advanced AI-powered applications", said **Ashok Babu**, President of **e-con Systems Inc**.

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"Customers can leverage the NVIDIA's AI stack to build AI-powered devices based on our SurveilsQUAD camera"

Availability

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

For more information, please visit https://www.e-consystems.com/nvidia-cameras/jetson-agx-xavier-cameras/sony-starvis-imx290-synchronized-multi-camera.asp
Also, watch the demo video at https://www.youtube.com/watch?v=SXM5VSf1uP8

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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