PRESS RELEASE
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For immediate release

e-con Systems Launches Ultra-low Light Camera Based on Sony STARVIS IMX327 Sensor

Ultra-lowlight | High sensitivity | Full HD @ 60fps| Sony STARVIS IMX327 | NVIDIA Jetson AGX Xavier Developer Kit

San Jose and Chennai (Oct 29, 2020): e-con Systems Inc., a leading embedded camera solutions company, today announced the launch of its **e-CAM220_CUMI327_MOD** Full HD MIPI CSI-2 ultra-lowlight camera module and **e-CAM22_CUXVR** camera evaluation kit leveraging the powerful Image Signal Processor (ISP) of NVIDIA® Jetson™ edge AI platform. This full HD camera module is based on 2MP **Sony STARVIS ® IMX327 CMOS sensor** with 2.9-μm pixel size. This camera is empowered with ultra-low light sensitivity, higher signal to noise (SNR) ratio, and uncompressed Full HD streaming at 60 fps. This **high-sensitivity low-light camera** has the capability of capturing both visible and near-infrared images with very low noise even at extremely low lighting conditions or even no light (nearly 0 lux) conditions. It has an s-mount lens holder which allows customers to choose and use the lens according to their applications. Its high dynamic range delivers stunning images even in varying outdoor lighting conditions.

Features:	Applications:
➢ 2MP Sony STARVIS ® IMX327 CMOS sensor ➢ Ultra-lowlight sensitivity ➢ Highly sensitive in visible and near infrared regions ➢ High Signal to noise (SNR) ratio ➢ Good Dynamic Range ➢ Uncompressed Full HD at 60fps	➢ Parking lot management ➢ Smart surveillance ➢ Industrial inspection ➢ Robotic vision ➢ In-vehicle surveillance

"As part of our continuous efforts to bring out the best of imaging technologies to our customers, we are launching our cameras with IMX327 sensor from Sony's STARTVIS family. We support this latest IMX327 sensor on our Hyperyon USB2.0 cameras and MIPI camera modules for NVIDIA Jetson family." **said Ashok Babu, President of econ Systems, Inc.**

To speed up the development process of various applications and to evaluate **e-CAM220_CUMI327_MOD** camera module's capabilities, e-con Systems offers **e-CAM22_CUXVR** camera evaluation Kit, that plugs into the NVIDIA Jetson AGX Xavier developer kit. This **Jetson AGX Xavier camera** evaluations are as easy as plug and play with gstreamer support for streaming and recording functionalities.

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Fig:1 **e-CAM220_CUMI327_MOD**   **Fig 2: e-CAM22_CUXVR – camera with NVIDIA Jetson Xavier**

Availability

Customers interested in evaluating **e-CAM220_CUMI327_MOD** camera module with NVIDIA® Jetson AGX Xavier developer kit can purchase the **e-CAM22_CUXVR** from e-con Systems' **online store**.

Customization Services

e-con systems also offers customization services for e-CAM220_CUMI327_MOD camera module if needed. Customers who need any additional features or customization can contact camerasolutions@e-consystems.com.

Watch the video:

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About e-con Systems

e-con Systems, an NVIDIA Preferred partner, is a leading embedded camera solutions provider. We have a proven track record of serving customers across multiple industries, all over the world for over 16 years. We provide specialized offerings such as 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.

For more information please contact:

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