



PRESS RELEASE

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[For immediate release](#)

e-con Systems launches 2MP Monochrome global shutter USB camera

e-con Systems' new [See3CAM_20CUG](#), 2MP, 3.0 μm global shutter USB 3.1 Gen 1 SuperSpeed Camera with NIR sensitivity

St. Louis and Chennai (May 06, 2020): e-con Systems Inc., a leading embedded camera solution company, today announced the launch of [See3CAM_20CUG](#), **2 MP Monochrome global shutter USB 3.1 Gen1 superspeed Camera**. It is based on OmniVision's **OV2311** image sensor with 3 μm x 3 μm pixel with OmniPixel®3-GS technology. It has S-mount (M12) lens holder which allows customers to choose and use the lens according to their requirement. It is a Plug-and-Play camera (UVC compliant) for Windows and Linux.

See3CAM_20CUG can capture images at very **high frame rate (HFR)** 2MP at 60fps, VGA at 180fps and QVGA at 280fps, which helps to minimize the distracting effects while capturing fast moving objects and produce much smoother images, with greater details in a scene. The **High Near-Infrared** Capabilities helps to produce exceptional image quality beyond visible light region. Both high frame rate and high NIR make it suitable for accurate eye tracking applications and smartly powering driver monitoring systems.



Fig:1 See3CAM_20CUG – 2MP global shutter monochrome USB3.1 Gen1 Camera

“Our See3CAM_20CUG camera brings out the advantages of global shutter high frame-rate image capture, excellent NIR sensitivity and ease-of-use USB UVC in a single package. This 2MP See3CAM_20CUG camera module will be an ideal camera for applications such as DMS, eye tracking and other tracking applications where NIR imaging and global shutter performance are the important drivers” said Mr. Ashok Babu, President of econ Systems Inc.



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Sample Application

e-con Systems provides sample Windows applications, e-CAMView, and Linux application, QtCAM that uses the standard UVC protocol to access the camera controls. The e-CAMView, a DirectShow based image viewer application from e-con Systems enables controls such as Gain, Exposure, Saturation, Brightness, Contrast, and various other controls. QtCAM - Open source Linux camera software application enables capturing and viewing video from devices supported by Linux UVC driver and also works with any V4L2 compatible device

Availability

The **See3CAM_20CUG** is currently available for evaluation. Customers interested in evaluating the product can order samples from e-con Systems' online store. For more information, please visit [2MP Global Shutter Camera](#). Also, watch the demo video.

Demo-1: [Eye Tracking Vision Experience Just Got More Reliable and robust](#)

Demo-2: [Make Your Driver Monitoring System Safer and Smarter](#)

[Getting Started with See3CAM_20CUG](#)

[Introduction See3CAM_20CUG](#)

Customization Services

If you are interested in customizing the **See3CAM_20CUG** or for any additional features, please contact camerasolutions@e-consystems.com

About e-con Systems

e-con Systems 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.

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