PRESS RELEASE
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For immediate release

e-con Systems launches 5MP Monochrome USB 3.1 SuperSpeed Camera

ST. LOUIS and CHENNAI (**Sep 18, 2019**): e-con Systems Inc., a leading camera solutions company, today announced the launch of **See3CAM_CU55M**, a 5 MP Monochrome USB 3.1 Gen 1 SuperSpeed Camera. With a 1/2.5" **AR0521** CMOS image sensor from ON Semiconductor®, backed by 2.2µm x 2.2µm pixel BSI technology, this camera produces monochrome images of exceptional quality.
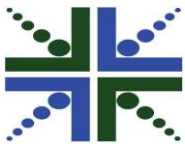
See3CAM_CU55M includes a high level of SNR, which guarantees low noise in all conditions. Its **Near Infrared (NIR)** responsivity ensures amazing image quality in a variety of lighting conditions. See3CAM_CU55M also comes with HD video playback that provides disruption-free streaming capabilities. It is a perfect fit for industries such as Iris and Biometric Authentication, Digital Microscopy, Biomedical Diagnostic Equipment, Barcode Recognition and others.

Fig:1 See3CAM_CU55M - 5MP Monochrome USB 3.1 Gen 1 Camera

"See3CAM_CU55M is e-con's monochrome counterpart of its successful See3CAM_CU55 camera and it generates excellent images in both visible and Near Infra-red regions", said Mr. **Ashok Babu**, President of e-con Systems Inc. "With its low noise and excellent image quality, this will be an ideal camera for applications such as iris recognition, NIR imaging, driver monitoring, digital microscopy etc.," he added.

The latest Monochrome member of the See3CAM family of USB 3.1 Gen 1 SuperSpeed camera products also comes with S-mount lens holder and a reversible plug and play Type-C connector interface. Supported by native UVC drivers of Windows and Linux Operating Systems (OS), it is a UVC compliant camera and does not require any drivers to be installed on the PC.

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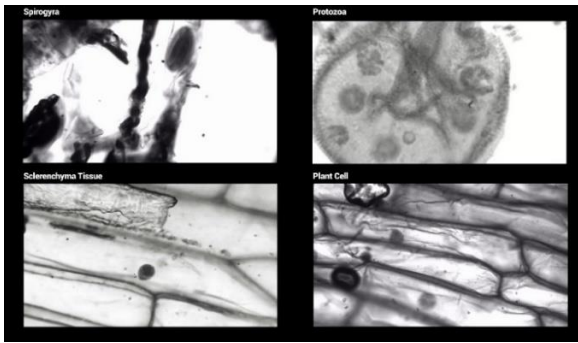+1 408 766 7503
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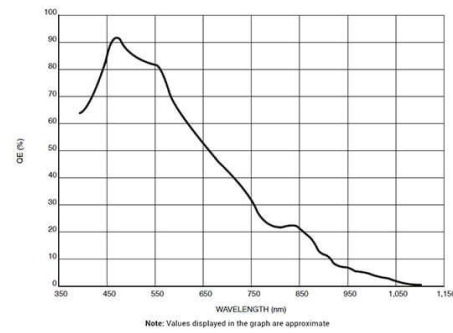Fig: 2 Microscopy Image of Samples

Fig: 3 Quantum Efficiency

Availability:

The **See3CAM_CU55M** 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 https://www.e-consystems.com/ar0521-monochrome-usb-nir-camera.asp.

Demo Videos:

Digital Microscope Demo: https://www.youtube.com/watch?v=lyy2jzuATRc
IRIS Detection with Monochrome Camera Demo: https://www.youtube.com/watch?v=GQ1jzS2MxMY

Customization Services:

If you are interested in customizing the **See3CAM_CU55M** or for any additional features, please contact camerasolutions@econsystems.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 15 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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