



## PRESS RELEASE

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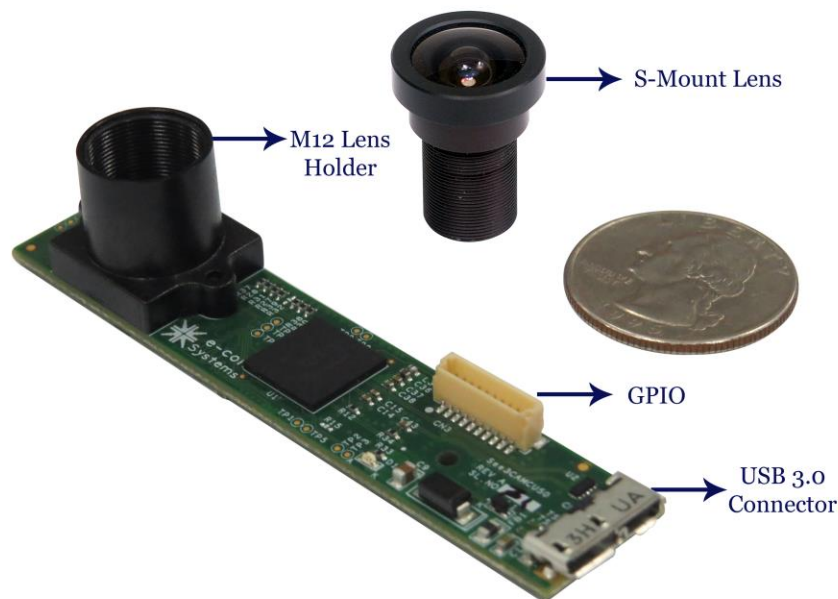
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### For Release Immediate release

#### **e-con Systems Launches USB 3.0 camera with changeable lenses**

*See3CAMCU50 USB 3.0 camera with M12 lens holder allows customer to use a lens of their choice with varying viewing angles.*

ST. LOUIS and CHENNAI, India — Apr 9<sup>th</sup> 2014 — **e-con Systems Inc.**, a leading embedded design services company specializing in the development of advanced camera solutions announces the launch of the [See3CAMCU50](#), part of the See3CAM family of USB3.0 SuperSpeed cameras. The See3CAMCU50 supports the M12 lens mount and customers can choose a lens of their choice. The See3CAMCU50 supports video streaming at resolutions of up to 1080p@30fps and full resolution (2592x1944) @15fps. The UVC compliant camera is plug-and-play in both Windows and Linux. In Windows, the camera is exposed as a DirectShow device and in Linux, as a V4L2 capture source.



**Fig: See3CAMCU50 CMOS USB 3.0 camera with M12 Lens**

The See3CAMCU50 is ideal for customer applications where the flexibility for choosing a lens of their choice is required. See3CAMCU50 can be used in Medical devices like Digital Microscopy, Dermatology, Low Vision Products, Surveillance, Video Analytics, patient monitoring systems etc. Also they can be used for KIOSK, OCR and Video Conferencing.

“We had a number of our customers asking for a higher viewing angle on our flagship product e-CAM51\_USB. The viewing angle requirements ranged from 75 degrees to 150 degrees. The See3CAMCU50 allows the customer not only the flexibility to choose a wide-angled lens of their choice but also combines the advantage with the USB 3.0 functionality.” said Mr.Ashok Babu, President, e-con Systems Inc. “The See3CAMCU50 based on e-con’s own USB UVC Stack, e-con can also offer customized versions of the See3CAMCU50 camera as per customer requirements”, he added.



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The See3CAMCU50 is a 5.0 MP UVC-compliant USB 3.0 Super Speed camera with the S-mount (M12 board) lens holder. It is based on the 1/4" OV5640 CMOS image sensor from Omni Vision Inc., The See3CAMCU50 can stream HD @60fps (720p60) and Full-HD @30fps (1080p30) in compressed MJPEG mode and uncompressed 720p30 and 1080p15 YUV422 formats, through the USB3.0 interface which supports about 5Gbps bandwidth. See3CAMCU50 can stream the full 5MP resolution compressed MJPEG video streaming at around 15fps for high resolution imaging applications. See3CAMCU50 is also backward compatible with USB 2.0 High Speed host ports.

e-con Systems' sample Linux and Windows applications uses the standard UVC protocol to access the camera controls. The e-CAMView, sample Windows DirectShow based sample video viewer application enables controls such as supports brightness, contrast, hue, saturation, sharpness control, white balance etc.

### Availability

The See3CAMCU50 is readily available. Customers interested in evaluating the See3CAMCU50 can order samples from e-con Systems' [online Webstore](#). Customers have the option to buy the See3CAMCU50 with or without the lens.

### Customization services

Customers, who are interested in customizing See3CAMCU50 can contact e-con Systems directly with their requirements. Customers who have a lens and would need lens correction services while using the See3CAMCU50 can contact e-con Systems. Please write to [sales@e-consystems.com](mailto:sales@e-consystems.com) for further enquiries.

For more information, please visit the [5-megapixel USB Camera](#) page.

### About See3CAM

See3CAM is the new series of UVC compliant USB 3.0 Cameras from e-con Systems, that are "plug and play" on Windows and Linux. See3CAM USB 3.0 Camera does not require additional device drivers and work with the standard Windows (DirectShow) and Linux (V4L2) software.

The See3CAM's USB 3.0 SuperSpeed connectivity enables it to capture images at 720p (HD) @60fps. These simple and cost-effective USB 3.0 Camera series solves the problem of implementing high quality video and image capture in applications such as Machine vision, barcode detection on moving objects and object tracking. e-con Systems provides customization services around these cameras to meet specific customer requirements. See3CAM are also backward compatible with USB 2.0 host

For more information, please visit [www.e-consystems.com/See3CAM-USB-3-Camera.asp](http://www.e-consystems.com/See3CAM-USB-3-Camera.asp)

### About e-con Systems

e-con Systems specializes camera solutions with offerings like camera modules, USB camera modules, camera Device driver development services on Operating systems like Android/WinCE, Camera reference design, Software ISP, camera customization services and camera tuning services.

### For more information please contact:

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