



PRESS RELEASE

e-con Systems Inc.

+1 408 766 7503

sales@e-consystems.com

For immediate release

e-con Systems™ Launches 4K SONY STARVIS™ Ultra-low Light USB 2 Camera

SONY STARVIS IMX415 Sensor | USB 2 | 4K Ultra-HD Resolution | UVC Compliant Plug and Play

San Jose and Chennai (Apr 27, 2021) - After the huge success of our recently launched product e-CAM80_CUNX - a MIPI CSI 2 ultra-low light camera based on Sony IMX415 sensor -, e-con Systems™ Inc., a leading embedded camera solutions company brings its UVC compliant USB variant **e-CAM82_USB** to the market. **e-CAM82_USB** is a [4K ultra low light USB 2 camera](#) based on the SONY STARVIS™ IMX415 image sensor with the capability to produce exceptional color images even in absolute darkness (nearly 0 lux). This 4K USB 2 camera has an inbuilt high-performance Image Signal Processor (ISP) that performs all the auto functions (auto white balance, auto exposure). The ISP and sensor have been tuned for achieving excellent image quality under various lighting conditions in both uncompressed UYVY and compressed MJPEG formats. Its interchangeable M12 (S-mount) lens allows customers to choose the lens of choice according to their application needs.

The camera is suitable for applications such as [Kiosks](#), [access control](#), telepresence robots, document reader, and [retail store](#) shelf monitoring. Apart from these, the camera is also ideal for applications that require monitoring a huge area since it provides four times the resolution of 1080p.

“There is a strong demand for a high quality 4K camera solution from the market, especially the retail industry market. Having understood this, e-con has developed the best-in-class 4K USB2.0 camera with the latest IMX415 sensor of Sony STARVIS™ family and brought out the best image quality. This camera will be an ideal camera for wide range of retail and industrial applications

“ said **Ashok Babu, President of econ Systems, Inc.**



Figure:1 e-CAM82_USB - 4K USB Camera

Features and Benefits

- **High Resolution (4K Ultra HD)** - Helps to create content rich image by extracting more information.
- **High-performance ISP** - Helps to bring out best-in-class video output in both uncompressed UYVY and compressed MJPEG formats.



PRESS RELEASE

e-con Systems Inc.

+1 408 766 7503

sales@e-consystems.com

- **Ultra-low Light Performance** - Helps to capture exceptional images even when the target scene has extremely low light or no light.
- **UVC compliant** – Helps to stream device without having to install device driver software manually.

Low Light Images

The color image taken at 0.8 lux using normal camera and e-CAM82_USB are given below.

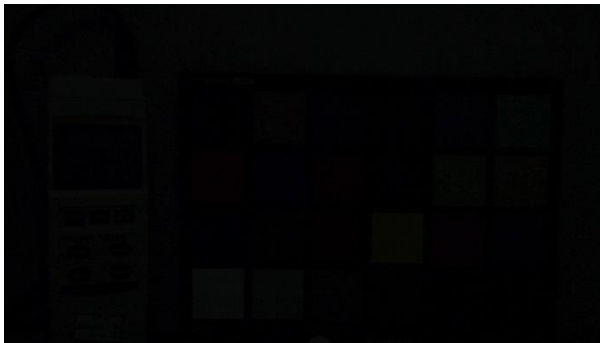


Figure 2: Normal Camera



Figure 3: e-CAM82_USB Camera

Availability

Customers interested in evaluating the 4K USB 2 camera can purchase e-CAM82_USB from e-con Systems™' [online store](#).

Customization Services

e-con systems™ also offer extensive customization services and integration support for e-CAM82_USB if required. If you are looking for any additional features or customization, please contact us at camerasolutions@e-consystems.com.

Watch the Video - <https://www.youtube.com/watch?v=Wgpwfv9ow>



Introducing
e-CAM82_USB

HIGH RESOLUTION USB CAMERA

**SONY STARVIS®
IMX415 Image Sensor**



PRESS RELEASE

e-con Systems Inc.

+1 408 766 7503

sales@e-consystems.com

About e-con Systems™

e-con Systems™ Inc. is a leading embedded camera solutions provider. We have a proven track record of serving customers globally across multiple industries for over 18 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:

e-con Systems™

Mr. Harishankkar

VP – Business Development

sales@e-consystems.com

e-con Systems Inc., +1 408 766 7503

e-con Systems India Pvt. Ltd., +91 44 40105522

Website: www.e-consystems.com

Note: *References to corporate, product or other names may be trademarks or registered trademarks of their respective owners.*