



PRESS RELEASE

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For immediate release

e-con Systems Launches 4K MIPI Camera for Raspberry Pi 4 to speed up the time to market

ultra-HD | 4K resolution | AR1335 CMOS sensor | Raspberry Pi 4

San Jose and Chennai (Nov 10, 2020): e-con Systems Inc., a leading embedded camera solutions company, today announced the launch of **e-CAM130_CURB**, [13 MP Raspberry Pi 4 MIPI camera](#), a reliable solution leveraging the latest version of Raspberry Pi to help industries accelerate their journey to market with an easily deployable camera module. e-CAM130_CURB houses **e-CAM137A_CUMI1335_MOD**, a 13 MP [4K camera module](#) with an S-mount lens holder. This high quality 4k camera module is based on AR1335 CMOS image sensor from ON Semiconductor® and has a dedicated high-performance Image Signal Processor (ISP). e-CAM130_CURB uses MIPI-CSI2 Interface to plug into Raspberry Pi 4 Kit and is supported by embedded Linux and Android. It provides throughputs capable of streaming video data of HD @ 60 fps and 4K @ 15 fps with maximum image transfer rate.

This [high-resolution 13MP Raspberry Pi camera](#) has an ability to extract more information to create a content rich image. Its built-in image signal processor (ISP) helps to offload image processing tasks and reduces CPU usage. It's interchangeable M12(S-mount) lens allows customers to choose a lens of their choice according to their application needs. The uncompressed 4K streaming capabilities minimizes the computation load on the platform which is suitable for running a video analytic application. With capability to stream 4K at 15fps and Full HD at 60fps. e-CAM130_CURB is the perfect fit for Raspberry Pi to run applications that require high resolution imaging.

Features and benefits:

- 13MP 4K AR1335 CMOS sensor
- MIPI CSI-2 interface
- On board Imaging Signal Processor (ISP)
- Uncompressed HD @ 60 fps and 4K @ 15 fps
- Supports embedded linux and Android
- Plug and play with Raspberry Pi 4 Kit

“With the official support of our most popular 13MP camera module for Raspberry Pi 4, we are excited to place our 13MP and other cameras in the hands of people all over the world for their imaging-based development activities. The most ubiquitous Raspberry Pi platform is augmented with our embedded camera modules with long term supply commitment from e-con Systems. This will benefit both the serious product developers and maker community with a reliable partner for their long term camera module supply” **said Ashok Babu, President of e-con Systems, Inc.**



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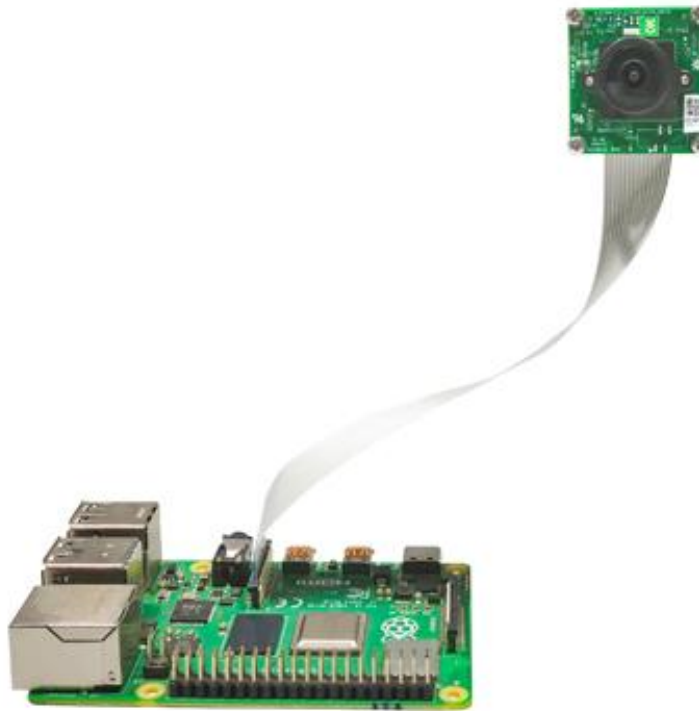


Fig:1 e-CAM130_CURB, 13MP MIPI camera connected with Raspberry Pi 4

The camera is supported by e-con's open-source V4L2 compliant camera driver which customers can modify as per their requirements. The firmware running on the camera module configures the CMOS image sensor and ISP and communicates with the Raspberry Pi 4 kit using e-con's standard command control protocol over I2C interface. e-con's software package contains some sample applications allowing our customers jumpstart their application development on Raspberry Pi 4 developer kit immediately

e-con Systems always goes the extra mile to help their customers with their product integration and deployment efforts. With the new Raspberry Pi camera, it intends to do the same. Be it for prototype the product idea, or taking a novel product to market, e-con systems will make integrating its state-of-the-art cameras with Raspberry Pi fast and smooth.

Availability

Customers interested in evaluating 13MP MIPI camera with Raspberry Pi 4 developer kit can purchase the [e-CAM130_CURB](#) from e-con Systems' [online store](#).

Customization Services

e-con systems also offers customization services for e-CAM130_CURB if needed. Customers who need any additional features or customization can contact camerasolutions@e-consystems.com.



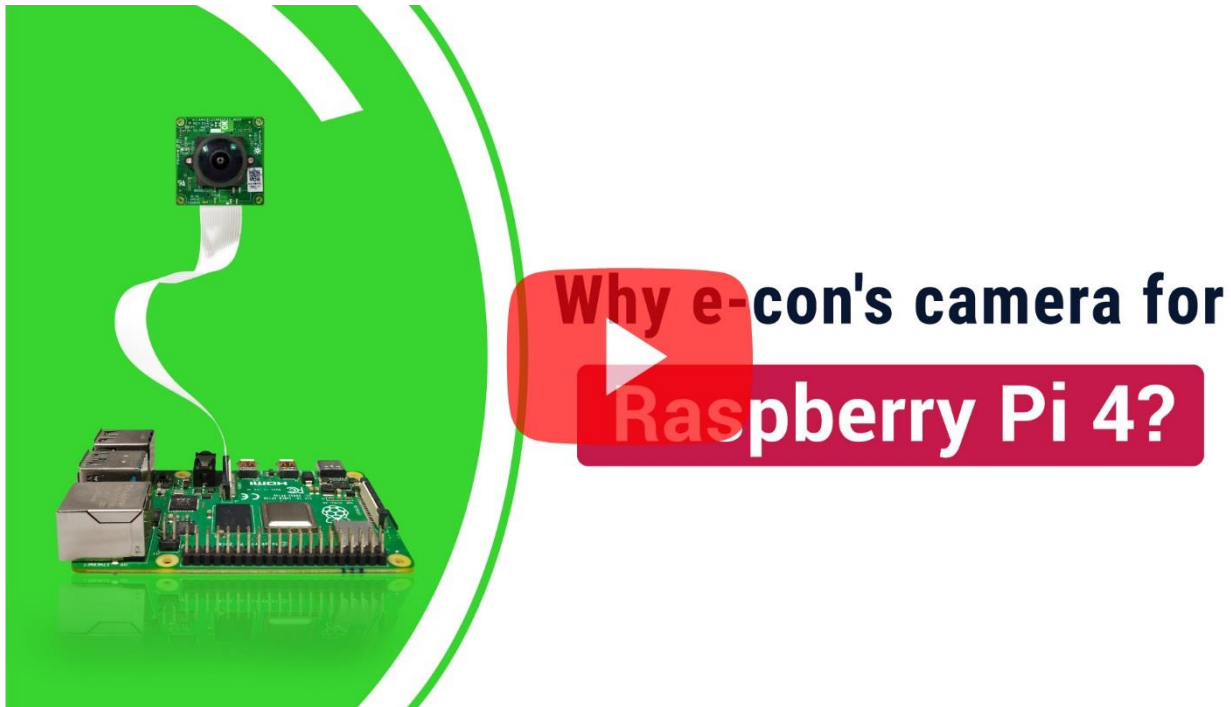
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Watch the video: <https://www.youtube.com/watch?v=N8bxLc1Cchw>



About e-con Systems

e-con Systems Inc. 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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