



PRESS RELEASE

e-con Systems Inc.

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For immediate release

e-con Systems provides Camera Support for Rockchip 96Boards

As a pioneer in OEM camera modules, e-con Systems is introducing camera support for Rockchip RK3399 based 96Boards compliant Rock960 developer kit.

SAN JOSE and CHENNAI, India - January 22, 2020 - e-con Systems Inc., a leading embedded camera solution company, today announced the launch of [e-CAM50 CU96](#), **A lowlight 5MP camera board for 96Boards compliant Rock960 developer kit featuring Rockchip RK3399 processor.** e-CAM50_CU96 is based on OnSemi's 1/2.5" AR0521, a 2.2 µm pixel CMOS image sensor with integrated Image Signal Processor (ISP).

[e-CAM50 CU96](#) is capable of streaming HD (1280 x 720) at 70 fps, FHD (1920 x 1080) at 60 fps and 5 MP (2592 x 1944) at 25 fps in uncompressed (UYVY). The higher Signal to Noise Ratio (SNR) supported by this camera helps to produce clear images without noise and better dynamic range helps in retaining more details in shadows and highlights. Along with these features, the powerful in-built ISP helps to bring out the best-in-class video in uncompressed UYVY format. The camera is also provided with the S-mount (M12) lens holder that enables customers to choose lens from a wide range of options as per their requirement.

The Rock960 platform kit is based on the RK3399 SoC which is a Dual Cortex-A72 + Quad Cortex-A53 CPU, with upto 2 GHz frequency. This board comes with 4GB RAM, 32GB eMMC, USB3.1 type C, HDMI 2.0, 4 lane CSI-MIPI, etc on the 96Boards Consumer Edition Standard form factor.

With Capability to stream 5MP at 25 fps, Rockchip based Rock960 is perfect partner for e-CAM50_CU96 to run application requiring high resolution images. High quality video from e-CAM50_CU96 integrated with Rockchip's powerful multi-core processor enables running of robust vision and image processing applications (Realtime camera vision application eg: Face detection, object identification).

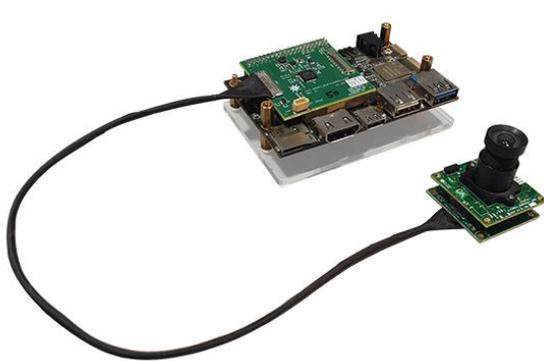


Figure 1: e-CAM50_CU96 with Rock960 Kit



Figure 2: e-CAM50_CU96 camera



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Availability

e-CAM50_CU96 is currently available as Engineering samples for evaluation. Customers interested in evaluating e-CAM50_CU96 can request samples from e-con Systems' [online store](#).

For more information, please visit [5MP Rock960 camera](#). Also, watch the demo video at <https://www.youtube.com/watch?v=LnrZPWTnyxw>.

Customization

Customers can contact sales@e-consystems.com for customization and additional features.

About e-con Systems

e-con Systems specializes in camera solutions with 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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