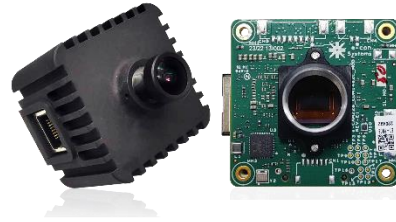**e-con Systems™ launches GigE low light HDR camera based on Sony STARVIS IMX462**

GigE | Ultra-low light | PoE |HDR | Network synchronization | Sony STARVIS

Riverside and Chennai (September 13, 2022) – e-con Systems™, a leading embedded camera company, launches RouteCAM_CU20, an HDR GigE ultra-low light camera with network synchronization capability.

RouteCAM_CU20 is the first product launched in the RouteCAM series – a portfolio of best-in-class GigE cameras from e-con Systems. RouteCAM_CU20 is an OEM HDR camera based on the Sony STARVIS IMX462 sensor that comes with excellent low light and NIR (Near InfraRed) performance. The camera can be easily integrated with all image processing platforms including X86 processors and ARM processors. The GigE interface of this camera ensures reliable transfer of data up to a distance of 100m. This is also a PoE camera that offers the ability to transmit power as well as data over a single GigE interface. Also, it comes with the ONVIF protocol support which allows to integrate this camera with any ONVIF-based system easily.

"e-con Systems being a pioneer of GMSL, MIPI and USB cameras has now forayed into Gigabit Ethernet cameras with the new "RouteCAM series". We see a high demand for OEM cameras with reliable connection, long distance support and at the same time customers want to use the existing infrastructure to lower their product development cost. To address these needs, we have now launched RouteCAM_CU20, a full HD, HDR camera based on Sony STARVIS sensor. With these features, we aim to serve various markets with applications such as Autonomous Mobile Robots, Smart Farming, Patient monitoring, Smart traffic & parking lot management, Autonomous shopping and Telepresence robots.", said RanjithKumar, BU Head-Retail at e-con Systems™.

Key features of RouteCAM_CU20

- **Network synchronization -** To provide synchronized multi camera streaming
- **Customization -** Can be customized including optics, form factor, etc. to meet customers' unique requirements
- **Sony STARVIS IMX462 -** HDR, NIR and ultra-low light capabilities
- **PoE -** Ensure power supply for the camera through data cable itself
- **GigE interface -** Ensures reliable connection to transfer video data up to a distance of 100m
- **H.264/H.265 encoding -** Ensures high-quality video transmission with minimal bandwidth
- **ONVIF protocol support –** Allows to integrate this camera with any ONVIF-based system easily

To know more about these features in detail, click here

Have a look at the introduction video of RouteCAM_CU20.

Watch the video on YouTube: https://www.youtube.com/watch?v=VLsLVl1y2Cw

Availability

Customers interested in evaluating RouteCAM_CU20 can visit our online web store and purchase the product.

Customization and integration support

e-con Systems with its deep expertise and knowledge in various camera interfaces and embedded vision applications provides necessary customization services and end-to-end integration support for RouteCAM_CU20 to meet your application's unique requirements. Please write to us at camerasolutions@e-consystems.com if you are looking for any customization or integration support.

About e-con Systems™

Established in 2003, e-con Systems has grown into a leading OEM camera solution provider with a wide global footprint. We provide end-to-end camera solutions like MIPI camera modules, GMSL cameras, USB

3.1 Gen 1 cameras, stereo cameras, and more. Over the years, we have reimagined how they are used in applications such as retail, medical, industrial, agriculture, smart city, etc.

We are also powered by a strong partner ecosystem including sensor partners, ISP partners, carrier board partners, etc. This enables us to offer end-to-end vision solutions. So far, we have built 250+ product solutions – shipping over 2 million cameras across 90+ countries around the globe.

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