

e-con Systems™ launches New Rugged PoE HDR Camera with Cloud-Based Device Management for Superior Outdoor Imaging

Tags: Outdoor | Industrial grade | PoE camera | GigE | Sony® STARVIS™ 2 | IP67

California & Chennai (Feb 28, 2024): e-con Systems™, a global leader in embedded vision solutions, introduces a [new IP67-rated HDR PoE camera](#)—RouteCAM_CU22, the powerful addition to its high performance Ethernet camera series for tough outdoor conditions. Equipped with the Sony® STARVIS™ 2 IMX662 sensor and superior HDR capability, this Full HD Power over Ethernet (PoE) camera delivers exceptional image quality.

RouteCAM_CU22 camera is compatible with [CloVis Central™](#), an easy-to-use and powerful cloud-based device management platform that remotely manages entire on-field device operations, enabling faster time to market, reduced costs, and enhanced application success rates. The camera has been qualified for Road Vehicles Standards such as ISO 16750, ISO 20653:2013, and more. These standards ensure its ability to withstand extreme temperatures and guarantee durability and resilience for outdoor deployment in any environments with an IP67 rating.



Figure: RouteCAM_CU22 Outdoor PoE Camera

The camera's advanced built-in ISP dynamically adjusts exposure time and white balance, ensuring accurate color reproduction and optimal performance in low-light scenarios. This [GigE HDR camera](#) boasts the ability to stream compressed 1080p video at up to 60 fps with low latency.

With such comprehensive features, this camera proves to be an ideal solution for various applications, including Autonomous vehicles, Smart traffic, Patient monitoring, Parking lot management, and Surround view systems.

"RouteCAM_CU22 epitomizes excellence in HDR PoE camera technology, delivering superior image quality and resilience in challenging outdoor conditions. As we push the boundaries of innovation, e-con Systems introduces [CloVis Central™](#), a cloud-based device management platform for the RouteCAM_CU22 camera, redefining the way you interact with your cameras. Along with this platform, RouteCAM_CU22 stands out from the series for its industrial-grade temperature support, IP67 rating, and ultra-low-light sensor, making it an ideal solution for a wide range of outdoor applications." said Suresh Madhu, Head of Product Marketing at e-con Systems.



Sony Starvis 2 IMX662 Lowlight GigE HDR Camera

Availability

For evaluating the capabilities of the RouteCAM_CU22, please visit the [online web store](#) and purchase the product.

Customization and integration support

e-con Systems, with its deep expertise in and knowledge of various camera interfaces, provides the necessary customization services and end-to-end integration support for [RouteCAM_CU22](#). It ensures that unique application requirements can be easily met. If you are looking for any customization or integration support, please write to us at camerasolutions@e-consystems.com.

About e-con Systems™

e-con Systems™ designs, develops, and manufactures OEM cameras. With 20+ years of experience and expertise in embedded vision, it focuses on delivering vision and camera solutions to industries such as retail, medical, industrial, agriculture, smart city, etc. e-con Systems' wide portfolio of products includes Time of Flight cameras, MIPI camera modules, GMSL cameras, USB 3.1 Gen 1 cameras, stereo cameras, GigE cameras, low light cameras, etc. Our cameras are currently embedded in over 350+ customer products. So far, we have shipped over 2 million cameras to the United States, Europe, Japan, South Korea, and many more countries.

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