

e-con Systems™ launches its first Full HD global shutter FPD-LINK III camera

FPD-LINK III | 15m cable length | Global shutter | Multi-camera synchronization | High frame rate

California and Chennai (November 09, 2022) - [e-con Systems™](#), a leading OEM embedded camera company launches NeduCAM25, a full HD global shutter FPD-LINK III camera module.



[NeduCAM25](#) is the first product launched in the NeduCAM series – a portfolio of FPD-Link III cameras from e-con Systems. NeduCAM25 is based on onsemi®'s AR0234 sensor. The global shutter feature of this camera helps to capture fast-moving objects without any rolling shutter artifacts. It uses the FPD-LINK III interface with shielded coaxial cable for reliable transmission of both power and data up to a distance of 15m with low latency.

“e-con Systems has been in the embedded vision space for 18+ years now. We continue expanding our portfolio of cameras to support various interfacing technologies available in the market. On that note, e-con brings a new series of FPD-Link III cameras called ‘NeduCAM25’ to serve various markets like Autonomous Mobile Robots, Autonomous vehicles, Agriculture robots & vehicles, Intelligent Video Analytics (IVA), and Self-checkout systems”, said Gomathi Sankar, BU Head- Industrial at e-con Systems™

Key features of NeduCAM25

- **FPD-LINK III interface** – Transmits both power & data up to a distance of 15m.
- **Global shutter** – Captures fast-moving objects without any rolling shutter artifacts.
- **High frame rate** – Captures HD images at 120 fps and full HD images at 65 fps.
- **Multi-camera support** – Allows connecting multiple camera modules and enables simultaneous synchronized Full HD streaming.
- **IP67-rated enclosure** – Makes the camera suitable for use in harsh industrial conditions by protecting it from water, dust, temperature variations, and vibrations.

To know more about these features in detail, [click here](#)

Have a look at the introduction video of NeduCAM25 to get a quick overview of its features and applications:

Watch the video on YouTube: <https://www.youtube.com/watch?v=-znkxbat-bw>



Supported Platforms

[NeduCAM25_CUTDA4](#)

Plugs into Texas Instruments® SK-TDA4VM

[NeduCAM25_CUOAGX](#)

Plugs into NVIDIA® Jetson AGX Orin™ / AGX Xavier™



Availability

Customers interested in evaluating NeduCAM25 can visit 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 NeduCAM25 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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