

e-con Systems and SiMa.ai to Offer a Powerful Bundled Solution to Unlock ML Power for Embedded Edge Applications

SAN JOSE & CHENNAI (December 14, 2023): [e-con Systems](#), a leading global provider of embedded camera solutions, and [SiMa.ai](#), the machine learning software-driven company with purpose-built hardware to deploy AIML applications at the edge, are collaborating to offer an out-of-the-box camera solution that helps bring Machine Learning (ML) to embedded edge applications.

The SiMa.ai MLSoC Development Kit is available with a bundled e-con Systems' RouteCAM_CU20 and can act as a standalone edge-based system controller or be used to add an ML offload accelerator for processors, ASICs, etc. RouteCAM_CU20 is a 2MP full HD GigE camera with PoE capabilities and is based on the Sony STARVIS IMX462 sensor.

[Please visit SiMa.ai to learn about this limited offer.](#)

RouteCAM_CU20 leverages the ONVIF-supported Ethernet interface to reliably send video and control data over a wired LAN network, with output formats like compressed MJPEG, H.265 and H.264. This full HD camera is also equipped with features like low latency, ultra-low-light sensitivity, PTP time network synchronization, onboard ISP, high frame rate, and more.

"We are excited about the pre-integration of the RouteCAM_CU20 with SiMa.ai's MLSoC kit, a cutting-edge solution tailor-made for sectors such as industry 4.0, drones, automotive, healthcare, government, and more. This partnership reinforces our commitment to providing customers with modernized imaging solutions while accelerating product development and reducing time to market. Leveraging e-con Systems' proven expertise in OEM camera solutions, along with SiMa.ai's advanced AI capabilities, we are thrilled to be setting a new standard in the ML and embedded edge industry," said **Gomathi Sankar, Head of Business Unit - Industrial Cameras at e-con Systems.**

"SiMa.ai's mission to unleash the potential of edge computing and to advance machine intelligence will pave the way for groundbreaking innovation over the decade," said **Elizabeth Samara-Rubio, Chief Business Officer at SiMa.ai.** *"We are pleased to introduce new integrations like the one with e-con Systems to market that advance this mission and uniquely help customers solve their edge specific AI and ML development challenges in an effortless way."*

Think Camera. Think e-con.



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[Learn more about SiMa.ai's MLSOC kit](#)

[Know more about e-con Systems' RouteCAM_CU20](#)

About e-con Systems

e-con Systems has been a pioneer in the embedded vision space - designing, developing, and manufacturing custom and off-the-shelf camera solutions since 2003. With a team of 300+ extremely skilled core engineers, our products 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, etc. e-con provides end-to-end camera solutions like MIPI camera modules, GMSL cameras, USB 3.1 Gen 1 cameras, FPD-link III cameras, GigE cameras, stereo cameras, and more along with an assured 3-year warranty. Some high-end camera features include a high frame rate, 4K resolution, ultra-low light, auto/fix focus, ToF, IP67 and IP69K ratings, and global/rolling shutter modes. With a strong focus on quality, innovation, and customer satisfaction, e-con Systems enables OEMs to seamlessly integrate cutting-edge vision technology into their products.

About SiMa.ai

SiMa.ai is a Machine Learning company delivering the industry's first software-centric, purpose-built MLSoC platform. We enable Effortless ML deployment and scaling at the embedded edge AI by allowing customers to address any computer vision problem while achieving up to 10x better performance at the lowest power. Initially focused on computer vision applications, SiMa.ai is led by technologists and business veterans committed to helping customers bring ML on their platforms. Backed by Fidelity, MSD Partners, VentureTech Alliance and more, SiMa.ai was named GSA's Startup to Watch for 2023.

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