

## Socionext Wins the 73rd Annual Technology and Engineering Emmy® for Innovations in Camera Sensor and Software Stabilization

Technology for Leading-Edge Camera Systems and Devices Featuring High Quality Image Capture, Reduced Bandwidth Requirements, Outstanding Video Image Stabilization

**Langen/Germany, 28. April, 2022** --- Socionext Inc., a global leader in the design and development of innovative System-on-Chip products, has been awarded the 73rd Technology & Engineering Emmy® Award in the category of 'In Camera Sensor and Software Stabilization' by the National Academy of Television Arts & Sciences (NATAS), an expert committee in the television industry that evaluates and recognizes individuals and companies for their technical developments and innovations.



Socionext wins the Technology and Engineering Emmy® Award  
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The Technology & Engineering Emmy® cites technologies powered by Socionext's advanced imaging technologies and solutions in partnership with GoPro, also a winner of the Emmy® Award, for the innovations that enable its industry-leading HyperSmooth video stabilization found in GoPro's full line of cameras.

Socionext's image processors enable efficient capture of high-quality videos and images in low-light conditions, while reducing the blurring associated with the motion of a camera or other imaging device during exposure. Key features include:

### **Better image quality in low light**

Camera devices cannot always rely on ideal lighting. Socionext's imaging ICs feature both 3DNR (Three-Dimensional Noise Reduction) and WDR (Wide Dynamic Range), delivering high quality image capture even under low light conditions.

### **Efficient video capture**

Capturing high-definition video is data intensive. Socionext's image signal processors (ISPs) feature HEVC encoding that capture high-quality video using just half the bitrate of conventional H.264. The benefit reduces bandwidth and storage requirements.

### **Enhanced image clarity with image stabilization**

Movement often means blurry or shaky video with conventional systems. Socionext's ICs feature advanced EIS (Electronic Image Stabilization) technology for smooth video capture even under unstable conditions. The EIS feature delivers outstanding video image stabilization with lower power consumption than competing solutions.

"Socionext is very honored to be a recipient of this prestigious Technology & Engineering Emmy® Award," said Takehiro Kamada, Head of Socionext's Smart Devices Business Unit. "The industry has recognized that our leading-edge technologies enable a new generation of intelligent camera devices and systems that revolutionize the way people perceive the world."

To learn more about the 2021 Technology & Engineering Emmy® Awards and Honorees, visit

<https://theemmys.tv/tech-73rd-award-recipient/>

To learn more about Socionext imaging technologies, visit

<https://www.socionext.com/en/solution/imaging/>

**About Socionext Inc.**

Socionext Inc. is a global SoC (System-on-Chip) supplier and a pioneer of a unique 'Solution SoC' business model through decades of industry experience and expertise. Socionext contributes to global innovation in advanced technologies including automotive, data center, networking, and smart devices. As a trusted silicon partner, Socionext delivers superior features, performance, and quality that differentiate its customers' products and services from their competition.

Socionext Inc. is headquartered in Yokohama, and has offices in Japan, Asia, United States and Europe to lead its development and sales activities. For more information, visit <https://www.socionext.com/en/>

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