

## Socionext Advances Wider Use of 8K Video with New IP Streaming Encoder “e8”

**Langen/Germany, 17. July, 2019** --- Socionext Inc., a global leader in advanced SoC technology for video data processing, has developed a new streaming encoder unit, the “e8”. The e8 generates live 8K video streams for expanding the use of high-definition, high-quality video in an increasingly wide range of applications. It will be available worldwide in September 2019.

The e8 is equipped with Socionext’s leading-edge multi-channel, real-time encoder SoC, the MB86M31. It is capable of real-time encoding of 8K/60p video with HEVC/H.265, and enables live streaming of large, high-definition video data through IP networks. It also supports the 4:2:2 10-bit color profile required in high-quality professional video shooting, to deliver ultra-vivid, life-like video images.



Photo: Streaming Encoder “e8”

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The e8 comes with a 12G-SDI interface (4ch) for easy connection to a wide range of 8K cameras available today. It supports a variety of streaming protocols including HLS and RTP. With its intuitive user interface for configuring system settings, the e8 enables users to develop a high-quality and reliable 8K live streaming system quickly and efficiently.

Additionally, Socionext has tested and verified operations in various environments by combining the e8 and the company’s “s8” media player. Connecting these two devices over the network allows users to attain an advanced video streaming solution where “high-definition”, “high-quality” and “real-time” are the essential requirements. The applications include viewing of sports and other

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events in the public space, and video communications in schools, commercial enterprises and other organizations. The solution can also facilitate live 8K VR streaming for the most immersive user experience possible.

Socionext will leverage its rich company experience in state-of-the-art video processing SoCs to continue to address the fast-changing and expanding needs of high-quality video distribution by delivering optimum devices and solutions.

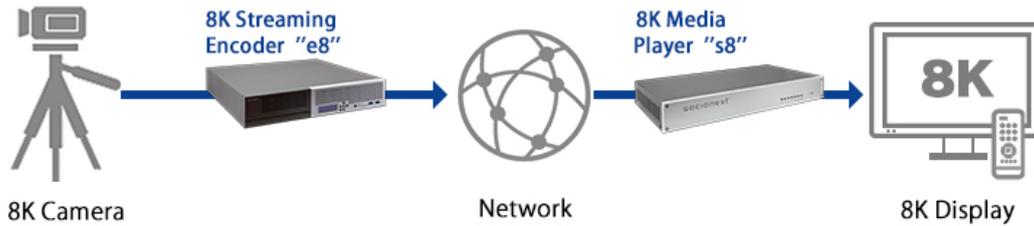


Figure: 8K Live Streaming System

[\(view larger image\)](#)

## See Also

"e8" product information

<https://www.socionext.com/en/products/assp/h264h265/e8/>

"s8" product information

<https://www.socionext.com/en/products/assp/s8/>

"MB86M31" product information

<https://www.socionext.com/en/products/assp/h264h265/MB86M31/>

## About Socionext

Socionext is a global, innovative enterprise that designs, develops and delivers System-on-Chip solutions to customers worldwide. The company is focused on technologies that drive today's leading-edge applications in consumer, automotive and industrial markets. Socionext combines world-class expertise, experience, and an extensive IP portfolio to provide exceptional solutions and ensure a better quality of experience for customers. Founded in 2015, Socionext Inc. is headquartered in Yokohama, and has offices in Japan, Asia, United States and Europe to lead its product development and sales activities. For more information, visit [www.socionext.com](http://www.socionext.com).

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