

ORBI Prime, the First 360-degree Video Recording Eyewear, Powered by Socionext's Milbeaut Processor

Yokohama, December 28, 2017 --- Socionext Inc., a leading provider of SoC-based imaging solutions, has announced that its Milbeaut® image signal processor, the SC2000, now powers the ORBI Prime, the first 360-degree video recording eyewear.

Developed through close collaboration among industry leaders, ORBI Prime offers an exceptional hands-free video recording experience. Equipped with four cameras and superior image stitching technology, the innovative, sunglass-type wearable device is capable of shooting total 360-degree video with no blind spots.

The Milbeaut SC2000 in ORBI Prime can handle up to four camera inputs with a single chip. With Socionext's proprietary image processing algorithm, the processor delivers the optimal combination of high quality video and low power consumption, making it ideal for applications such as drones and action cameras.

ORBI Prime uses ImmerVision Enables 2.0 to produce smooth, high-quality, full 360-degree views in high resolution. This patented technology delivers data-rich video streams containing camera calibration and position data used to create stabilized, synchronized, and stitched immersive video from the world's smallest-ever panomorph lenses.

Primax Electronics, an expert in camera design and system manufacturing, was instrumental in the development of ORBI Prime by providing engineering expertise in product miniaturization for the wearable camera.

Adil Suranchin, COO of ORBI, said, "I am really excited that we are ready to showcase ORBI Prime, the first 360-degree video recording eyewear. With the unique combination of technology and design excellence of our partners, ORBI Prime will be an ideal choice for the next generation action camera."

Alessandro Gasparini, ImmerVision's Executive Vice-President and Chief Commercial Officer said, "ORBI Prime is a fantastic product that goes beyond human sight and takes immersive video to the next level, made possible by packaging the best technologies together with great design and

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engineering. ORBI, Primax, and Socionext are using panomorph technology to deliver true first-person perspective video for outdoor enthusiasts.”

Chris Wei, Primax’s CTO said, “Demand for products that capture rich, clear high quality WFOV pictures and videos is exploding. The collaboration has expanded our offering of various applications, including the ORBI Prime, to a new height.”

Mitsugu Naito, Socionext’s Corporate Senior Vice-President said, “The SC2000 is one of Socionext’s most versatile, flexible and feature-rich image signal processors. It can handle four image sensors simultaneously without compromising the picture quality. Our close collaboration with ORBI, ImmerVision and Primax enabled the innovative product that features four cameras to the utmost.”

ORBI will exhibit the Prime at upcoming CES 2018 in Las Vegas, from January 9 to 12, at the Sands booth, Hall G - 50913 (Eureka Park Marketplace).

For more information about ORBI Prime, visit: <http://www.orbiprime.com/>

About Socionext Inc.

Socionext is a new, innovative enterprise that designs, develops and delivers System-on-Chip products to customers worldwide. The company is focused on imaging, networking, computing and other dynamic technologies that drive today’s leading-edge applications. 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 socionext.com.

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