

Sierra-Olympia Technologies Introduces MIPI Interface for Viento HD10 and Viento 10 Cameras

[Hood River, Or., January 22, 2025] – Sierra-Olympia Technologies, a leading innovator in thermal imaging solutions, is excited to announce the release of the Mobile Industry Processor Interface (MIPI) for its Viento HD10 and Viento 10 cameras. MIPI, the world's most widely adopted imaging interface, is designed to transport various data streams (including video) between processing nodes in a wide variety of hardware platforms and adoptions. As an alternative to Camera Link or GigE, MIPI-compliant physical interfaces are increasingly used in high-end cameras to streamline video transport to host processors.

To support customers purchasing MIPI-CSI2 versions of the Viento HD10 or Viento 10, Sierra-Olympia Technologies has developed a comprehensive development kit compatible with the popular NVIDIA Jetson Orin™ platform. The development kit includes a working example of an NVIDIA Jetson Orin equipped with Jetpack 5.1.3, connected to a Viento 10 or HD10 camera with a MIPI hardware interface. The kit also features a functional driver, sample code for Jetson Linux, and a detailed user guide for custom driver compilation and installation. The product and its support enables seamless integration into the customer's video processing architecture. For customers integrating the technology at scale, an OEM configuration is available.

Chris Johnston, President of Sierra-Olympia Technologies, shared his enthusiasm about the release: "MIPI is the ultimate processing interface for real time camera video data. We are excited to support our customers in their wide variety of system designs by enabling low-level integration of our innovative thermal imaging cameras."

About Sierra-Olympia Technologies:

Sierra-Olympia Technologies is a leading provider of cutting-edge thermal imaging solutions. Committed to innovation and excellence, Sierra-Olympia Technologies develops advanced thermal cameras that empower professionals across various industries to overcome challenges, increase efficiency, and enhance safety. With a focus on exceptional quality and customer satisfaction, Sierra-Olympia Technologies is dedicated to driving advancements in thermal imaging technology.

To learn more about MIPI availability and to explore its capabilities please visit the product Viento HD10 or Viento 10 product pages at <http://www.sierraolympia.com/product>. For media inquiries, please contact marketing@sierraolympia.com.