

## **Pleora Changes Camera Link cameras into USB3 Vision cameras with their Innovative iPORT™ CL-U3 Frame Grabber**

*The Pleora iPORT™ CL-U3 transmits video from Camera Link Base or Medium mode cameras over USB 3.0, with low, predictable latency and plugs into a wide range of computing platforms without needing a PCI/PCIe frame grabber*

Gilbert, Arizona ([PRWEB](#)) July 28, 2015 -- Aegis Electronic Group, Inc., distributor and technical support provider for Pleora Technologies Products, is pleased to announce the immediate availability of the [iPORT™ CL-U3](#) external frame grabber.

Pleora Technologies, the world's leading supplier of high-performance video interfaces, presents a revolutionary innovation: the first product that easily transforms Camera Link® Cameras into USB3 Vision™ video streaming cameras ~ the iPORT™ CL-U3. This U3 External Frame Grabber produces plug-and-play convenience with the low-cost cabling benefits of USB3 to Camera Link installations.

The new iPORT™ CL-U3 transmits video from Base and Medium mode [Camera Link® cameras](#) with low, predictable latency over a USB 3.0 cable. The workstation connection is a standard USB 3.0 port, which eliminates the need for a desktop computer with an available peripheral card slot for a traditional frame grabber. Consequently, users can lessen system size and power consumption by using computing platforms with smaller form factors, and low-power computing programs, i.e., laptops, embedded computers, and single-board computers (tablets).

The iPORT™ CL-U3 supports systems producers and integrators in the control of the performance attributes of USB 3. In addition, the [frame grabbers](#) support flexible configurations, allowing multiple cameras to be combined to a single USB 3.0 port, when using an off-the-shelf USB 3.0 hub. The CL-U3 complies fully with the USB3 Vision and GenICam™ standards, ensuring interoperability with third-party equipment in multi-vendor environments. Thanks to Pleora, lightning-fast progress produces quick conversion of Camera Link cameras into USB3 Vision cameras.

Pleora's iPORT™ CL-U3 is offered in 4 unique configurations:

- 903-0007 • iPORT CL-U3B External Frame Grabber for Base mode with 128 MB frame buffer.
- 903-0008 • iPORT CL-U3M External Frame Grabber for Camera Link Medium mode with 128 MB frame buffer.--
- 903-0009 • iPORT CL-U3B-IND External Frame Grabber (industrial use) for Camera Link Base mode with 128 MB frame buffer, extended operating temperature range, extensive GPIO, and power over Camera Link (PoCL).
- 903-0010 • iPORT CL-U3M-IND External Frame Grabber (industrial use) for Camera Link Medium mode with 128 MB frame buffer, extended operating temperature range, extensive GPIO, and power over Camera Link (PoCL).

This new iPORT™ family delivers a range of solutions for designers to meet specific system requirements, including products supporting extended operating temperature range, extensive GPIO functionality, and power over Camera Link (PoCL). The CL-U3 product line also includes models that deliver incorporated PLC (programmable logic converter) and GPIO (General-Purpose Input/Output) capabilities to diminish the effects of electrical noise, to simplify cabling, and an extended -20°C to +65°C temperature operating range.

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Unique applications for the iPORT™ CL-U3 include microscopy for life sciences, measurement, and quality control. Used in factory automation for assembly and manufacturing lines, the image feed from a Camera Link Base or Medium line scan camera is converted at the source into USB3 Vision-compliant video by the iPORT™ CL-U3. Video, power, and control is transmitted between the camera and image-processing computer over a single USB 3.0 cable. The thinner, lighter USB 3.0 cable is easier to route than bulky Camera Link cables, allowing quicker setup and teardown of work cells for different products and short production runs.

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[Aegis Electronic Group, Inc.](#), is a woman owned, small business, ISO9001:2008 Certified Organization specializing in the distribution, integration and support of visible, Near IR cameras and thermal imaging components and modified integrated system solutions for Industrial Broadcasting, Bioscience, Drones, Military (UAV, UGV), Medical, Microscopy, Remote Monitoring, Security/Surveillance, Space, Traffic, Video Conferencing and Machine Vision imaging applications