

## **Pleora Extends Real-Time Gigabit Ethernet Connectivity to Progressive Scan Analog Cameras**

- iPORT™ IP Engine enhancement delivers GigE's (Gigabit Ethernet's) flexibility, scalability, distance, and cost benefits to another key class of industrial vision systems

**OTTAWA, CANADA, January 27, 2005:** Pleora Technologies today announced the addition of a significant new capability to its iPORT family of Analog Video IP Engines: support for progressive scan analog cameras. Pleora's newest iPORT capability allows this popular class of industrial analog cameras to – for the first time – be integrated with low-cost, flexible, and highly scalable GigE links or LANs (local-area networks).

“We are responding to customer demand to interface our iPORT Connectivity Solution to all industrial camera types,” said Rudi Rincker, Vice-President of Sales, Pleora Technologies. “With the new iPORT interface, progressive scan analog camera users can now leverage the economical GigE platform to build high-performance, real-time vision applications over any distance.”

Progressive scan analog cameras are typically used in vision applications like traffic monitoring and parts inspection, where image capture is triggered asynchronously by fast-moving objects. The applications gain the precise responses to dynamic triggers and superior image definitions available from progressive scanning techniques, without requiring higher-cost digital cameras.

Progressive scan analog cameras are supported by Pleora's iPORT PT1000 ANL-2/12, ANL-2/6, and ANL-1/6 Analog Video IP Engines, in models with firmware Version 3.25 and higher. The engines handle bandwidths of up to 30 f/s (frames per second) when full-frame images are scanned, and up to 130 f/s if partial-frame images are scanned.



### **Real-time triggering**

All three iPORT IP engines with progressive scan analog camera interfaces deliver real-time triggering capabilities via GPIO (general-purpose input output) ports and advanced control software. The software includes an encoder input, rescaler, and event delayer, and handles asynchronous triggers as well as synchronized triggering of multiple cameras, strobe lights, and other vision system elements.

### **About Pleora**

Pleora Technologies is the world's leading supplier of GigE connectivity solutions for vision systems. Pleora's iPORT products stream imaging data over low-cost GigE connections with very high performance, while giving vision systems long-distance reach, scalable processing, flexible networking, and unmatched ease of use. Pleora is headquartered in Ottawa, Ontario, Canada.

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