PRESS RELEASE

Editor Contact: Rahman Jamal, Technical & Marketing Director Europe
Eva Heigl, Marketing Communications Manager Central European Region
Tel.:   +49 89 7413130
Fax: +49 89 7146035

Simplify Vision Systems With Power Over Ethernet Frame Grabbers

News Highlights

- NI releases two new two-port GigE Vision frame grabbers featuring Power over Ethernet (PoE) technology with the option of FPGA-enabled I/O.
- PoE technology reduces the need for additional external power supplies by powering cameras over the Ethernet bus, streamlining system design and reducing cabling complexity.
- The frame grabbers also feature advanced triggering and synchronization options such as an FPGA-enabled network trigger for performing deterministic, low-latency camera triggering over Ethernet.

AUSTIN, Texas – April 23, 2013 – National Instruments (Nasdaq: NATI) today announced the NI PCIe-8236 and NI PCIe-8237R two-port GigE Vision frame grabbers featuring PoE technology. The NI PCIe-8237R features NI LabVIEW FPGA-enabled I/O, including isolated digital inputs and outputs, as well as bidirectional TTL lines for implementing custom counters, PWM signals and quadrature encoder inputs. It also offers advanced triggering and synchronization options, such as a low-jitter, low-latency FPGA-based network trigger as well as RTSI synchronization bus support.

Quotes

"With these new frame grabbers, you can power a camera, perform triggering and acquire images from a single Ethernet cable," said James Smith, director of industrial embedded marketing at National Instruments. "Engineers are constantly being challenged to do more with less, so this is a huge advantage for anyone building a vision system."

Additional Resources

- NI PCIe-8236 Model Page: **http://sine.ni.com/nips/cds/view/p/lang/en/nid/211210**
- NI PCIe-8237R Model Page: **http://sine.ni.com/nips/cds/view/p/lang/en/nid/211152**
- NI Solutions for Vision Applications: **www.ni.com/vision**

About National Instruments

Since 1976, National Instruments (www.ni.com) has equipped engineers and scientists with tools that accelerate productivity, innovation and discovery. NI's graphical system design approach provides an integrated software and hardware platform, speeding the development of any system needing measurement and control. NI ensures customer success with an ecosystem of services, support and more than 700 Alliance Partners worldwide. The company's long-term vision and focus on improving society through its technology also enables the success of its employees, suppliers and shareholders.

Reader Contact:

Germany:
National Instruments Germany GmbH
Ganghoferstraße 70 b | 80339 München
Tel.: +49 89 7413130 | Fax: +49 89 7146035
info.germany@ni.com | ni.com/germany

Austria:
National Instruments GesmbH
Plainbachstr. 12 | 5101 Salzburg-Bergheim
Tel.: +43 662 457990-0 | Fax: +43 662 457990-19
ni.austria@ni.com | ni.com/austria

Switzerland:
National Instruments Switzerland Corp. Austin,
Zweigniederlassung Ennetbaden
Sonnenbergstr. 53 | 5408 Ennetbaden
Tel.: +41 56 2005151 | Fax: +41 56 2005155
ni.switzerland@ni.com | ni.com/switzerland