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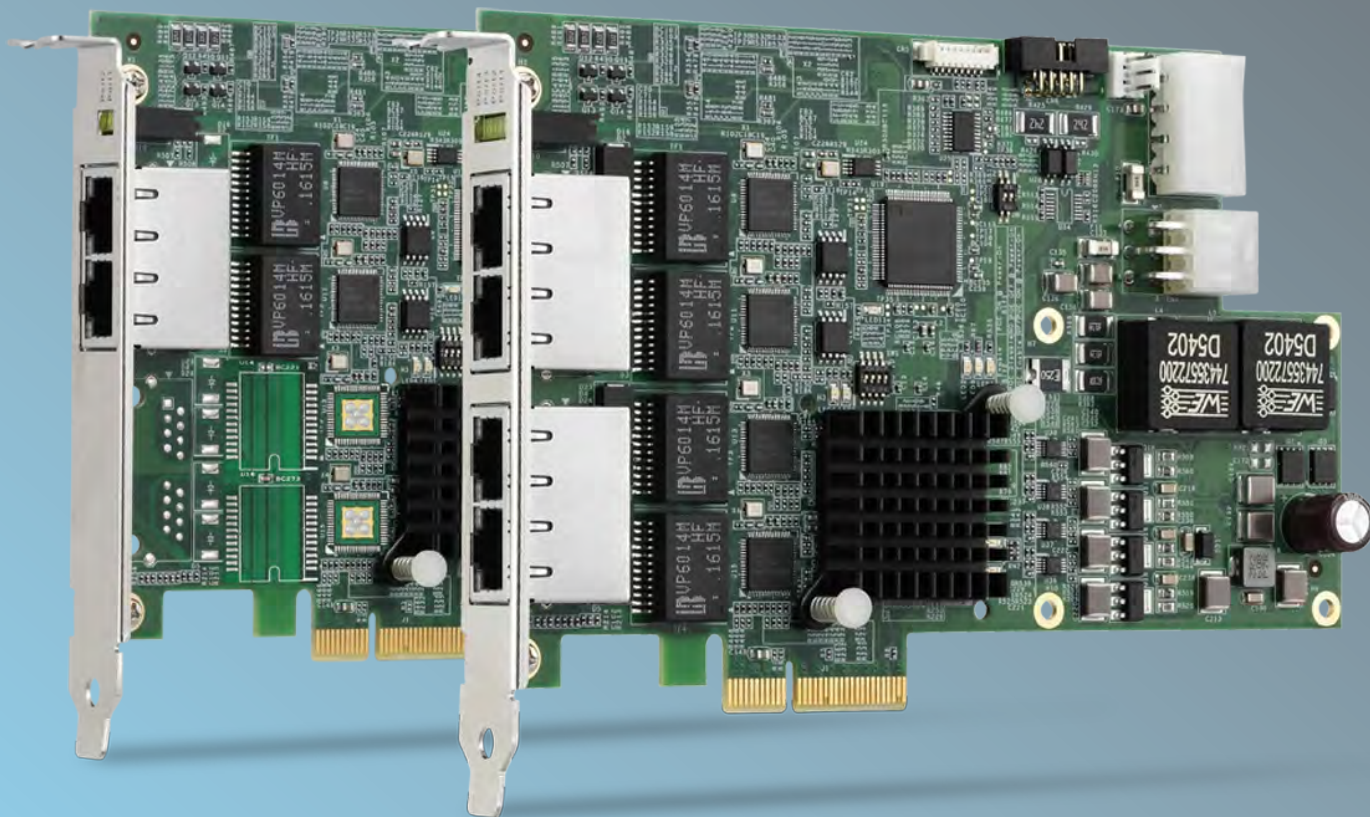
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*comprehensive PoE power protection, management,  
multi-camera and multi-card capture capability*



**ADLINK**  
TECHNOLOGY INC.

# Kontron UPDATE



## Hannes Niederhauser back to Kontron

Hannes Niederhauser has been appointed COO of Kontron in December 2016. He has an extensive background in Embedded Computing.

Following his studies in electrical engineering at the Graz University of Technology, the Austrian-born manager worked as a developer of microchips and in the embedded computer segment.

Prior he has been the main shareholder and CEO of Kontron AG from 1999 to 2007, which became the world's largest provider in the field of embedded computing.

In 2011, Hannes Niederhauser joined S&T AG in Austria as CEO.

### *Press Releases published on Kontron web site*

#### **Hannes Niederhauser is appointed as the new Chairman of the Board of Kontron AG**

Augsburg, December 14, 2016 – Kontron AG, a leading global provider of Embedded Computer Technology (ECT), announces that today, Mr. Hannes Niederhauser was appointed Chairman of the Board of Kontron AG by Supervisory Board resolution. In light of the changed shareholder structure and the accompanying new composition of the Supervisory Board and the Management Board, Kontron AG and Mr. Sten Daugaard mutually agreed upon the termination of his board mandate, especially to pave the way for a new start in the interest of Kontron AG and its stakeholders. Kontron AG sincerely thanks Mr. Daugaard for his achievements as CEO and member of the Supervisory Board.

#### **Kontron AG decides on restructuring program « minus 300 people »**

Augsburg, November 30, 2016 – Kontron AG, a leading global provider of Embedded Computer Technology (ECT), announces that the Supervisory Board and the Management Board of Kontron AG decided in their meeting today on the new restructuring program. The program aims to achieve significant earnings improvements in the upper double digit million range over the next one and a half years to achieve profitability again. Amongst others, the program foresees a workforce reduction of about 300 jobs, mainly in the administrative area. Kontron will implement the staff cutback in close and constructive collaboration with the employee representatives. In addition, Kontron will continue to benefit from the cooperation with its strategic partner Ennoconn and the new anchor shareholder S&T AG and intends to provide its customers in the future with an integrated hardware and software portfolio as well as extended services. The company also decided today to submit the application of court-appointment of Mr. Richard Neuwirth, Mr. Michael Jeske and Mr. Michael Roeder to resume the vacant seats in the Supervisory Board following the departure of Mr. Rainer Erlat, Mr. Harald Joachim Joos and Mr. Martin Bertinchamp from the Supervisory Board by end of today.

### *Press Releases published on evertiq web site*

#### **S&T: full takeover by Foxconn a possibility- December 07, 2016**

EMS-giant Foxconn has previously shown its interest in Austrian company S&T when its subsidiary Ennoconn subscribed to a 10% capital increase in S&T – giving Ennoconn a 29.4% stake in the company.

Now, S&T CEO Hannes Niederhauser, has been quoted in the German magazine, WirtschaftsWoche, as reported by Reuters, saying; "If we develop poorly and our share price falls significantly I expect that Foxconn will do a full takeover."

S&T currently owns a 29.9% stake in Kontron AG – which then would fall into Foxconn's ownership if a takeover by Ennoconn would happen.

Source: <http://evertiq.com/news/40650>



Daniel Dierickx  
CEO & co-Founder  
at e2mos  
Acting Chief Editor

## **Dear Reader,**

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# ADLINK Launches Entry-Level PXI/PXIe Platforms



## New solutions offer computing performance and system bandwidth increases by up to 50%

IEEE'S AUTOTESTCON, ANAHEIM, CA – ADLINK Technology, a leading global provider of trusted testing and measurement products, today announced new entry-level PXI and PXI Express (PXIe) platforms for PXI testing system startup users.

The three new products include:

- PXES-2301, an all-hybrid, 6-slot compact PXIe chassis with system bandwidth up to eight GB/s
- PXIe-3935 and PXI-3930 embedded controllers with Intel® Celeron® 2000E 2.2GHz processors, delivering up to 50% increase in computing power and as much as eight times the bandwidth of available market offerings.



The new entry-level segment of PXI platforms completes ADLINK's PXI portfolio, which encompasses high performance, mainstream and entry-level product classes benefitting a wide range of user profiles.

"As a sponsor member of the PXI Systems Alliance, ADLINK has more than 15 years' PXI development experience. Having placed over 10k PXI/PXIe units marketwide," said Tim Juan, Director of ADLINK's Measurement Product Center. "We're very happy to introduce these new entry-level PXI/PXIe platforms. ADLINK provides the most effective and worry-free PXI platforms for test and measurement startup users in all applications."

PXES-2301 provides compact, yet powerful PXIe chassis with up to eight GB/s system bandwidth. The PXES-2301 6-slot PXIe chassis provides all-hybrid peripheral slots for data throughput up to 8 GB/s, optimization for industry use with enhanced heat dissipation and maximum PXI platform stability, leading portability and flexibility of deployment with available rackmount option and carrying handle, and ADLINK's ChassisWatch™ smart system monitoring control utility, reporting full chassis status including fan speed, system voltages, and internal temperature.

The entry-level PXES-2301 supports a wide variety of applications, accepting installation of CompactPCI®, PXI, CompactPCI Express, and PXI Express modules in any peripheral slot for maximum flexibility. Compact construction, light 5.85kg weight, and carrying handle and rubber feet enable complete portability. While the half-rack size with efficient feature layout eases rackmounting, such that even two PXES-2301 chassis can be accommodated in a single rackmount system.

The PXES-2301 chassis is efficient and low-maintenance, securing the entire system with cooling and alarm technologies that maximize PXI platform stability and increase the life of the chassis. In addition, with ADLINK's ChassisWatch smart system monitoring control utility, chassis power and temperature are tracked, adjusting fans accordingly and triggering alarms when user-configured limits are met, reducing maintenance cost and effort.

PXI-3935/PXI-3930 embedded controllers deliver increased computing performance and data throughput at an unprecedented price point. ADLINK PXIe-3935 and PXI-3930 PXI Express/PXI embedded controllers, based on the Intel® Celeron® 2000E 2.2GHz processor, deliver maximum system throughput at 8GB/s and 132 MB/s respectively, increasing as much as eight times that of similar product offerings. Pairing this superior performance with an unprecedented price point, the PXIe-3935 and PXI-3930 provide substantial interface flexibility, including two DisplayPort connectors, allowing connection of two 4K UHD monitors at the same time with independent displays\*, dual USB 3.0 connections for high-speed peripheral devices, dual GbE ports for connection to LXI instruments, and built-in GPIB connection for hybrid PXI-based testing systems control.

ADLINK's PXIe-3935 and PXI-3930 significantly reduce maintenance burdens with easily replaceable battery and upgradable storage and SODIMM modules. Backup BIOS also eases recovery in the event of a main BIOS crash.

For more on these and other ADLINK PXI/PXIe offerings, readers can visit <http://www.adlinktech.com/pxi>



## Why ADLINK « 15 Years PXI Systems Alliance »

As a sponsor member of the PXI System Alliance, ADLINK offers a wide selection of PXI chassis, PXI controllers, data acquisition modules, PCI-PXI and PXI-PXI extension products, and GPIB connectivity - with more products on the horizon to provide open hardware and software support for our customers.

# Abaco Systems Acquires 4DSP

Abaco is a Spun out of General Electric in 2015

- Will complement and enhance Abaco offering with broad portfolio of digital signal processing and data acquisition capabilities
- Brings outstanding reputation for technical excellence, product quality
- Underscores commitment to serve customers with best-in-class Mission Ready Systems

HUNTSVILLE, Ala.— November 21, 2016 Abaco Systems today announced that it had acquired 4DSP LLC of Austin, Texas. Founded in 2004, 4DSP designs and manufactures commercial off-the-shelf (COTS) high speed digital signal processing and data acquisition solutions based on FPGA technology to address the specific requirements of aerospace, defense, biomedical, communications and semiconductor applications.

The company provides solutions for applications such as image processing, software defined radio, radar, sonar, airborne surveillance and medical imaging. 4DSP products are complemented by its engineering services, which include the development of custom hardware, FPGA firmware and software, as well as turn-key solutions.

Pierrick Vulliez, CEO of 4DSP, and his team will join Abaco with immediate effect.

The acquisition underscores Abaco's plans to serve customers with mission ready systems based on best-in-class open architecture platforms that reduce risk and accelerate time to deployment.

"The addition of 4DSP and, more importantly, Pierrick and his team, substantially strengthens Abaco's signal processing portfolio, helping us accelerate our plans to deliver our customers the industry's best mission ready systems," said Bernie Anger, CEO, Abaco Systems. "4DSP has an outstanding reputation in the embedded computing industry, and especially in the defense and aerospace industry, for its technical and engineering excellence and the quality of its products."

"I have spoken to a number of 4DSP's customers, and their feedback has been unanimously positive," continued Anger. "We're delighted that 4DSP is now part of Abaco Systems. What they bring is highly complementary to our existing offering, and I believe they will help us deliver an even more complete range of innovative solutions that will improve our customers' competitiveness and help them succeed. We are also confident that this move will be very beneficial for current 4DSP customers, who will benefit from accelerated investments in expansion of 4DSP's signal processing portfolio and additional field support resources."

"We're thrilled to become part of Abaco Systems," said Pierrick Vulliez, CEO, 4DSP. There is no doubt that this move will enable us to progress to the next level, leveraging Abaco's global reach and scale.

We look forward to helping Abaco increase the breadth and depth of solutions we can offer to customers." 4DSP serves hundreds of customers across multiple industries and works with some of the most prestigious defense and aerospace organizations.

## About Abaco Systems

Abaco Systems is a global leader in open architecture computing and electronic systems for aerospace, defense and industrial applications. Spun out of General Electric in 2015, we deliver and support open modular solutions developed to upgrade and enhance the growing data, analytics, communications and sensor processing capabilities of our target applications. This, together with our 700+ professionals' unwavering focus on our customers' success, reduces program cost and risk, allows technology insertion with affordable readiness and enables platforms to successfully reach deployment sooner and with a lower total cost of ownership. With an active presence in a significant number of national asset platforms on land, sea and in the air, Abaco Systems is trusted where it matters most. [www.abaco.com](http://www.abaco.com)



## Abaco Systems Acquires MMS Product Line from Technobox Inc.

- Provides unique ability to configure I/O at lower cost with reduced lead-time
- MMS responds to growing complexity of I/O in smaller, lighter systems
- Support for multiple open architecture carriers (VPX, XMC, PMC)

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# Lattice Semiconductor to be Acquired by Canyon Bridge Capital Partners, Inc. for \$1.3 Billion



- \$8.30 per Share All-Cash Transaction Delivers 30% Premium to Shareholders
- Privatization to Enhance Focus on Core Strategies
- Lattice will continue to be headquartered in Portland, Oregon, operating as a subsidiary of Canyon Bridge

PORTLAND, Ore. & PALO ALTO, Calif.--(BUSINESS WIRE)--Nov. 3, 2016-- Lattice Semiconductor Corporation (NASDAQ:LSCC) ("Lattice" or the "Company") and Canyon Bridge Capital Partners, Inc. ("Canyon Bridge") today announced that the Company and Canyon Bridge Acquisition Company, Inc. ("Parent"), an affiliate of Canyon Bridge, have signed a definitive agreement under which Parent will acquire all outstanding shares of Lattice for approximately \$1.3 billion inclusive of Lattice's net debt, or \$8.30 per share in cash. This represents a 30% premium to Lattice's last trade price on November 2, 2016, the last trading day prior to announcement.

Darin G. Billerbeck, President and Chief Executive Officer of Lattice, commented, "We are pleased to announce the transaction today with Canyon Bridge, which will unlock tremendous value for shareholders. This transaction is the culmination of an extensive review process with our Board, financial and legal advisers, and it delivers certain and immediate cash value to shareholders while reducing our execution risk. We are excited to leverage Canyon Bridge's resources and market connections as we enhance our focus on executing our long-term strategic plan of continued innovation. Importantly, we will operate as a standalone subsidiary after the acquisition and do not expect any changes in our operations or our unwavering commitment to continued innovation for our customers."

Ray Bingham, Founding Partner, Canyon Bridge, noted, "Lattice's low-power FPGA franchise, along with its video connectivity and wireless solutions, make it a compelling, strategic investment. We expect the Company will continue to leverage its existing customer relationships with major OEMs globally, while further broadening the role of its technology solutions and accelerating its strategic plans."

Benjamin Chow, Founding Partner, Canyon Bridge, added, "Equally critical in our decision to partner with Lattice is the Company's world-class management team and its dedicated, highly experienced employee base. Our long-term interests are aligned with Lattice's employees and customers. We plan to build upon Lattice's achievements and are excited to provide the resources necessary to help the Company achieve significant growth and long-term success."

The transaction has been unanimously approved by both companies' boards of directors and is expected to close in early 2017 subject to customary closing conditions, regulatory approvals and approval by Lattice's shareholders. Lattice and Canyon Bridge are committed to proactive engagement with regulators to facilitate the government review process.

Upon the completion of the transaction, Lattice will be a standalone subsidiary of Canyon Bridge and Lattice's senior management team will continue to lead the business from its current headquarters in Portland, OR.

Morgan Stanley & Co. LLC is serving as the sole financial adviser to Lattice and Skadden, Arps, Slate, Meagher & Flom LLP is serving as legal adviser. Lazard is serving as the financial adviser to Canyon Bridge and Jones Day is serving as legal adviser.

## About Lattice Semiconductor

Lattice Semiconductor (NASDAQ:LSCC) provides smart connectivity solutions powered by our low power FPGA, video ASSP, 60 GHz millimeter wave, and IP products to the consumer, communications, industrial, computing, and automotive markets worldwide. Our unwavering commitment to our customers enables them to accelerate their innovation, creating an ever better and more connected world.

For more information, visit [www.latticesemi.com](http://www.latticesemi.com)

## About Canyon Bridge Capital Partners, Inc.

Canyon Bridge is a newly formed, global private equity buyout fund, headquartered in Palo Alto, CA, focused on providing equity and strategic capital to enable technology companies to reach their full growth potential. The firm combines a deep knowledge of the global technology industry with experience in financial markets to provide world-class investment expertise in creating and maximizing value for its investors. Canyon Bridge seeks control investments in companies with strong platforms led by experienced management. Canyon Bridge's investment philosophy is to work closely with company executives to implement best business practices and tap growth markets globally, including through additional investments and accretive acquisitions. Initial funding for Canyon Bridge comes from limited partners in China.

For more information, visit [www.canyonbridge.com](http://www.canyonbridge.com)

## Editor Note

Did you notice the last sentence:

« Initial funding for Canyon Bridge comes from limited partners in China »

# Siemens to expand its digital industrial leadership with acquisition of Mentor Graphics

Munich, 2016-Nov-14

- Siemens to acquire design automation and industrial software provider Mentor Graphics for \$37.25 per share
- Mentor Graphics is a pioneer and leader in design automation software ranging from Integrated Circuit (IC) and System-on-Chip (SoC) design to automotive electronics solutions
- Siemens becomes unique digital industrial player to offer mechanical, thermal, electrical, electronic and embedded software design capabilities on a single integrated platform

Siemens is further building its Vision 2020 to shape Digital Industrial Enterprise by expanding its unique portfolio for industrial software. Siemens and Mentor Graphics (NASDAQ: MENT) ("Mentor") today announced that they have entered into a merger agreement under which Siemens will acquire Mentor for \$37.25 per share in cash, which represents an enterprise value of \$4.5 billion. The offer price represents a 21% premium to Mentor's closing price on November 11, 2016, the last trading day prior to the announcement. Mentor's Board of Directors approved and declared advisable the merger agreement, and Mentor's Board of Directors recommends the approval and adoption of the merger agreement by the holders of shares of Mentor common stock. Mentor shareholder Elliott Management has committed to support the transaction.

This acquisition decisively extends Siemens' leading Digital Enterprise Software portfolio with Mentor's well established electronics IC and systems design, simulation and manufacturing solutions. These capabilities are essential for today's smart connected products such as autonomous vehicles. The combination provides mechanical, thermal, electronic and embedded software tools which will allow Siemens' customers to further accelerate their innovation, drive production efficiencies and optimize the operation of their products in the field. Now, for the first time, quality, efficiency, flexibility, safety and speed can be optimized across technical domains, throughout the entire lifecycle and for the entire extended enterprise.

"Siemens is acquiring Mentor as part of its Vision 2020 concept to be the Benchmark for the New Industrial Age. It's a perfect portfolio fit to further expand our digital leadership and set the pace in the industry," said Joe Kaeser, President and CEO of Siemens AG.

"With Mentor, we're acquiring an established technology leader with a talented employee base that will allow us to supplement our world-class industrial software portfolio. It will complement our strong offering in mechanics and software with design, test and simulation of electrical and electronic systems," said Klaus Helmrich, member of the Managing Board of Siemens.

Mentor is headquartered in Wilsonville, Oregon, U.S., and has employees in 32 countries worldwide. In its fiscal year ended January 31, 2016, Mentor had over 5,700 employees and generated revenue of approximately \$1.2 billion with an adjusted operating margin of 20.2%. Siemens expects these attractive margins to continue in the future and contribute significantly to the Product Lifecycle Management (PLM) software business of Siemens Digital Factory (DF) Division, which Mentor will join. Mentor serves a large, diverse customer base of marquee systems companies and IC/semiconductors companies with over 14,000 global accounts across communications, computer, consumer electronics, semiconductor, networking, aerospace, multimedia, and transportation industries. Mentor is viewed as a global leader in strategic industry segments including IC design, test and manufacturing; electronic systems design and analysis; and emerging markets including automotive electronics.

"Combining Mentor's technology leadership and deep customer relationships with Siemens' global scale and resources will better enable us to serve the growing needs of our customers, and unlock additional significant opportunities for our employees," said Walden C. Rhines, chairman and CEO of Mentor. "Siemens is an ideal partner with financial depth and stability, and their resources and additional investment will allow us to innovate even faster and accelerate our vision of creating top-to-bottom automated design solutions for electronic systems.

Siemens expects to achieve revenue growth and anticipated margin expansion, with a total EBIT impact of over €100 million within 4 years from closing the transaction. Mentor will be part of the PLM software business of Siemens' DF Division. DF is the industry leader in automation technology and a leading provider of PLM software.

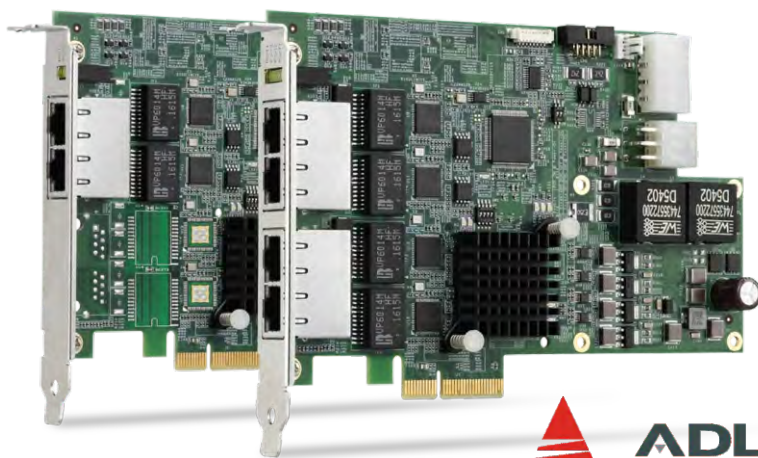
**Siemens AG** (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, for electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation, power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2016 (ending Sep. 30, 2016, revenue where €79.6 billion and net income of €5.6 billion. At the end of September 2016, the company had around 351,000 employees worldwide. MORE: [www.siemens.com](http://www.siemens.com)

**Mentor Graphics Corporation** is a world leader in electronic hardware and software design solutions, providing products, consulting services and award-winning support for the world's most successful electronic, semiconductor and systems companies. Established in 1981, the company reported revenues in the last fiscal year of approximately \$1.18 billion. HQ are located in Wilsonville, Oregon 97070-7777. World Wide Web site: <http://www.mentor.com>

# ADLINK Launches PCIe-GIE72/74 GigE Vision PoE+ Frame Grabbers

New PCI Express frame grabbers feature comprehensive PoE power protection, management and multi-card capture capability

San Jose, CA – October 18, 2016 – ADLINK Technology, a leading global provider of embedded building blocks and application-ready intelligent platforms, today announced the release of its new PCIe-GIE72/74 2/4CH PCI Express® GigE vision Power over Ethernet (PoE)+ frame grabbers. With comprehensive PoE power protection exclusive to ADLINK, multi-card capture capability, and smart PoE management combined with ADLINK's extensive experience in GigE vision-based solutions, the PCIe-GIE72/74 provides complete support for a wide range of machine vision applications. Key assets, such as cameras and other equipment, are secured from damage by the PCIe-GIE72/74's PoE power protection. In addition, a user friendly PoE management utility and APIs monitor and control PoE ports in real time and enable prediction of possible failure events.



## Multi-card Capture Capability

Any number of PCIe-GIE72/74 cards can be installed in a single system without occupying any BIOS I/O resources. Combined with wide operating temperature tolerance from 0°C to 70°C, the multi-card capability makes the PCIe-GIE72/74 ideal for deployment with fanless computers in environments with limited space and in applications such as automated optical inspection (AOI) and industrial automation.

## Comprehensive PoE Protection

Based on ADLINK's extensive system expertise, the PCIe-GIE72/74 was designed with comprehensive PoE protections in order to eliminate the threat of asset damage. The frame grabbers respond to over/under current, voltage and temperature events, and their automated power budget control manages budgets according to source (PCIe or 4/6 pin Molex connector). When the budget is exceeded, PoE power is interrupted to prevent damage to connected devices.

## Smart PoE Management

The PCIe-GIE72/74's easy-to-use utility and APIs provide real-time PoE status monitoring of device class, voltage, current, wattage and temperature. PoE power can be remotely switched on and off; PoE port priority and thermal thresholds remotely set; and possible failure predicted, all reducing operating costs and circumventing downtime.

The PCIe-GIE7x Pro series with PoE will launch in early November.

MORE: [Click Here](#)

**ONYX HD**  
Video HD Rugged  
Computer  
Unit-Watch,  
track, overlay,  
record, and stream  
your EO/IR  
sensors in  
1920\*1080p @30fps



Thanks to ONYX HPEC heterogeneous platform based on Haswell + E8860, it offers up to 2\*HD-SDI + 2\*PAL simultaneous video captures, 4\*HD-SDI, DVI, VGA, STANAG graphic outputs, H.264 video streaming and Metadata extraction/insertion. ONYX-HD had passed DO-160 & MIL-STD-810 EQT, works between -40°C/+71°C: Onyx is ready for your next program of C4ISR, search and rescue, 360° awareness, border control, digital video mapping, augmented reality, EMS and more.

## Data Sheet:

<http://www.ecrin.com/datasheets/ECRIN/ONYX-HD.pdf>



## DEFENCE - ACTUV on track for Navy success story « Unmanned »

Researchers are reporting significant progress on efforts to build a large, long-distance unmanned vessel to extend the Navy's eyes and ears.

The Defense Advanced Research Projects Agency (DARPA) began work in the project in 2010. It has spent \$100 million on R&D for the Anti-Submarine Warfare (ASW) Continuous Trail Unmanned Vessel (ACTUV) and another \$23 million to have Leidos build the prototype presently being tested out of San Diego.

On the heels of recent successful demonstrations, the coming year could prove pivotal to the program.

"We have a bunch of testing coming up, including a lot of at-sea testing of the collision avoidance systems. That will start in January and run till 2017," said Scott Littlefield, DARPA program manager in the tactical technology office.



While the Navy has an inventory of unmanned vessels, most are small — no more than 40 feet long and 10 tons, Littlefield said. Because they are launched and recovered off warships, these assets typically can operate only over limited distances and for short durations.

The prototype ACTUV vessel, christened Sea Hunter in April 2016, is 132 feet long, weighs 135 tons fully fueled with 14,000 gallons of gas, and has a range of 10,000 nautical miles. "You could go from San Diego to Guam and back to Pearl Harbor on a tank of gas," Littlefield said.

Initially conceived of as a submarine tracker, the ACTUV mission set evolved as planners came to realize that with its size and range, the vessel could potentially serve as a platform for a variety of sensors.

"Because it is big and it has a lot of payload capacity, and because it also has a lot of range and endurance, it can potentially carry out a range of different missions," Littlefield said.

The sensor load will likely include multiple cameras for detecting other vessels in the optical and infrared spectra, along with radar and other situational-awareness sensors.

**MORE** [Click Here](#) By: Adam Stone, December 21, 2016 (Photo Credit: DARPA)

## DEFENCE - Leidos awarded more work for robot warship

Leidos has been awarded an \$8.5 million contract modification to continue work on a Navy robot warship.

Leidos is the prime contractor for the ASW (anti-submarine warfare) Continuous Trail Unmanned Vessel (ACTUV) program, a DARPA effort to create a robotic sub-chaser that can sail thousands of miles under minimal human control.

Under the contract, Leidos will support an extended test phase for ACTUV, according to the Department of Defense contract announcement.

The contract is scheduled for completion in December 2017.

**MORE** [Click Here](#) By: Michael Peck, November 25, 2016 (Photo Credit: DARPA)



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