PRESS RELEASE

Iver, UK, January 2020

FOR IMMEDIATE RELEASE

Press Contacts: Lisa Baloch, Natalie Ryan
Email: marketing@activesilicon.com

Active Silicon COMPUTER IMAGING PRODUCTS

Active Silicon announces even faster interface boards in its expanded FireBird range

Active Silicon is turbo-charging imaging systems with its new range of FireBird CoaXPress frame grabbers.

The 4xCXP-12 acquisition card (PCIe Gen3 x8; CoaXPress v2.0) is the latest addition. With speeds up to 12.5 Gbps per link, it supports the fastest cameras on the market and allows acquisition of high-speed, high-resolution images in real-time. The board is ideal for single or multi-camera solutions in high-speed industrial inspection applications. Based on a Gen3 PCI Express interface, the new frame grabber uses the ActiveDMA RISC-based engine to guarantee zero CPU intervention, providing high-speed and low-latency image data transfers. Long cable lengths are supported – up to 35m at 12.5 Gbps and 100m at 3.125 Gbps using Belden 1694A cable – or even longer lengths using thicker cables.

For more cost-sensitive projects, the 4xCXP12-3PE4 version offers excellent value and features. Similar in price to Active Silicon's well-established CXP-6 quad frame grabber, this board supports CXP-12 for dual applications, as well as quad CXP-6, along with many of the advantages of the 3PE8 board.

Active Silicon's FireBird CoaXPress frame grabber 4xCXP12-3PE8

This press photograph is available from the Active Silicon image gallery:
https://www.activesilicon.com/news-media/image-

Features of the new CoaXPress boards include:

- High-speed data, power and camera control all over a single cable.
- Fast PCI Express 4-lane and 8-lane Gen3 interfaces.
- ActiveDMA engine – RISC-based acquisition with zero CPU usage.
- Comprehensive I/O including end panel I/O.
- CoaXPress v2.0 support.
- Supports PoCXP (Power over CoaXPress).
- Micro-BNC connectors.
- Standard half-length PCI form-factor.
- Full GenICam support (including GenTL Producer).

All Active Silicon frame grabbers come with the easy-to-use, comprehensive ActiveSDK Software Development Kit which allows integrators to develop applications quickly and effectively, together with a range of third-party software drivers.

In addition to its CoaXPress series, Active Silicon also manufactures and supplies a range of Camera Link frame grabbers, camera interface boards, cameras and embedded vision systems.

---- Ends ----

About Active Silicon

Active Silicon, founded in 1988, designs, manufactures and supplies embedded vision systems and related interface cards and technologies. We provide electronics for image data transmission, frame grabbers for data acquisition and embedded systems for processing, display and machine control. As well as being a leader in the development and application of new technologies, Active Silicon is unique in being able to support a wide range of operating systems and a diverse range of hardware formats to go beyond traditional ground fixed environments. Products have applications in virtually all areas of science and industry, including manufacturing, life sciences, medical imaging, security and defense. For further details, visit www.activesilicon.com.