



# PRESS RELEASE

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**FOR IMMEDIATE RELEASE**

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## Introducing the New FireBird Dual CXP-12 CoaXPress Frame Grabber

[Active Silicon](#), a leading manufacturer of imaging products and embedded vision systems, has announced the launch of the [FireBird Dual CXP-12 low profile frame grabber](#), the latest addition to their state-of-the-art frame grabber family.

The Dual CXP-12 CoaXPress frame grabber is designed to deliver unparalleled performance and versatility, catering to the evolving needs of professional and industrial imaging applications. It supports either one 2-connection camera or two 1-connection cameras at up to CXP-12 speeds, as well as PoCXP (power over CoaXPress), enabling simultaneous streaming with remarkable efficiency.

With its low profile design, the Dual CXP-12 frame grabber is suitable for a wide range of setups, including small embedded PC enclosures, 2U rack mount servers and standard PCs, offering flexibility without compromising on performance.

At the heart of FireBird CXP frame grabbers lies Active Silicon's proprietary DMA Engine technology, "ActiveDMA". RISC-based processor techniques ensure high-speed, low-latency image data transfers directly to system memory with zero CPU intervention; in GPU augmented systems image data can be delivered directly to GPU memory for optimal performance in compute intensive applications.

FireBird is supported by Active Silicon's software development kit, [ActiveSDK](#), allowing rapid system development and integration. Compatible with a variety of operating systems including Windows, Linux, and QNX, ActiveSDK includes comprehensive example applications, optimized libraries, and support for third-party applications such as Cognex VisionPro, HALCON, Common Vision Blox, and more.

Full [GenICam support is provided with](#) a GenTL Producer included in the drivers. The libraries also feature general-purpose functions for image manipulation and display.

For more information on the FireBird Dual CXP-12 Low Profile Frame Grabber please visit <https://www.activesilicon.com/products/firebird-dual-cxp12-coaxpress-frame-grabber-low-profile/>



### **FireBird Dual CXP-12 low profile frame grabber**

This press image is available in our [image gallery](#).

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#### **Links for online publication:**

Active Silicon website: <https://www.activesilicon.com/>

FireBird Dual CXP-12 frame grabber: <https://www.activesilicon.com/products/firebird-dual-cxp12-coaxpress-frame-grabber-low-profile/>

FireBird frame grabbers: <https://www.activesilicon.com/products/frame-grabbers/>

ActiveSDK: <https://www.activesilicon.com/products/activesdk-software-development-kit/>

GenICam support: <https://www.activesilicon.com/products/genicam-support/>

#### **About Active Silicon**

Active Silicon, a Solid State plc group company, designs, manufactures and supplies imaging and embedded vision systems that enable the capture, processing, and transmission of image data in high performance and critical environments. World-class products include innovative embedded systems for IoT and related applications, pioneering autofocus-zoom cameras and high-speed image acquisition cards that support continuous real-time, high-resolution image capture. Established in 1988, Active Silicon has a longstanding, global customer base and Active Silicon's products have applications in many areas of industry, science, and technology - including advanced manufacturing, life sciences, robotics, medical imaging, security and defense.

For further details, visit [www.activesilicon.com](http://www.activesilicon.com)