

PRESS RELEASE

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

Langley, UK, June 2025
FOR IMMEDIATE RELEASE

New Release: FireBird 8xCXP12 Frame Grabber

Designed for bandwidth-intensive multi-CoaXPress camera systems, the new [FireBird 8xCXP-12 frame grabber](#) with a PCIe 3.0 (Gen3) x8 interface from Active Silicon supports either two 4-connection CXP-6 cameras or four 2-connection CXP-6 cameras.

Each connection receives up to 12.5 Gbps, ensuring super-fast, reliable data capture for real-time processing and analysis.

The frame grabber is intended for applications where multiple cameras are used in a system. These include 3D volumetric or stereo imaging applications as found in metrology, medical imaging, scientific research, or high-speed inspection. With Active Silicon's ActiveDMA technology, the frame grabber or multiple frame grabbers in a system can DMA data directly to the PC or GPU. This technology enables the development of complex image analysis systems.

FireBird frame grabbers benefit from Active Silicon's software development kit, [ActiveSDK](#), facilitating rapid system development and integration. The SDK provides comprehensive example applications and optimized libraries, and supports a variety of operating systems via a common API, including Windows and Linux (64-bit environments). Drivers for [third-party applications](#), such as Cognex VisionPro, HALCON, Common Vision Blox, StreamPix, LabVIEW, MATLAB etc. are available.

As with all FireBird frame grabbers, GenICam support is provided with the drivers, including a GenTL Producer for data streaming and register accesses.

See the [full spec](#) online or [contact Active Silicon](#) for ordering information.

CoaXPress®
8xCXP-12



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

---- Ends ----

Links for online publication:



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

FireBird 8xCXP12-3PE8 Frame Grabber: <https://www.activesilicon.com/products/firebird-coaxpress-frame-grabber-8xcxp12-3pe8/>

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