

PRESS RELEASE

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FOR IMMEDIATE RELEASE

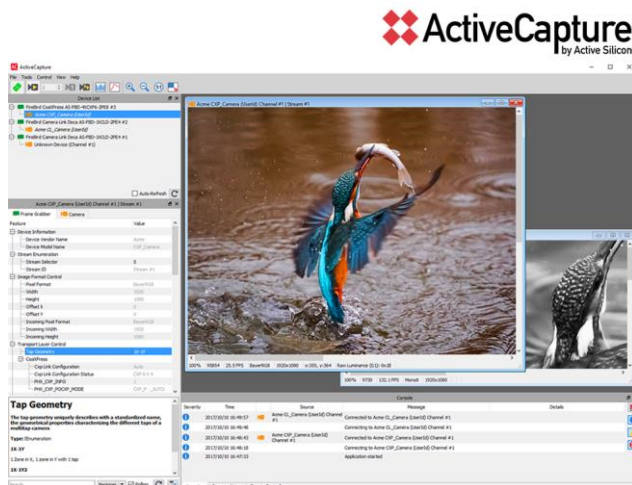
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ActiveCapture – for acquisition, analysis and display

Active Silicon has announced the launch of ActiveCapture – its latest front-end software for FireBird frame grabbers. The software provides optimized image acquisition, analysis and display, allowing the user access and control to all installed cameras and frame grabbers in a clear and intuitive manner. Active Capture works with CoaXPress and Camera Link cameras and provides a simple and straightforward method to configure the system hardware, allowing control of various acquisition features such as triggering, image resolution, etc.



ActiveCapture – new front-end software application for FireBird frame grabbers
A GenICam GenTL program for image acquisition, analysis and display.

This press image is available from the image gallery at www.activesilicon.com. Direct link: [ActiveCapture – new front-end software for FireBird frame grabbers.](#)

ActiveCapture is a GenICam GenTL program that can be used with cameras supporting GenICam, such as CoaXPress, and Camera Link cameras using the CLProtocol. It is also designed for use with non-GenICam Camera Link cameras.

A device tree provides quick access to any Active Silicon frame grabber products installed in the system as well as connected cameras. ActiveCapture has several features to aid camera testing and integration. The histogram feature shows the distribution of pixels in the image - 2D and 1D functions are provided. Image sequences can be acquired and played back within ActiveCapture, or saved to disk for off-line analysis. A hardware events controller provides real-time feedback

on asynchronous events that are generated by the hardware, which aids system debugging and speeds up integration time.

The feature browser allows control of the GenICam features of the cameras and frame grabbers and includes simplified searching and filtering. Several integrated tools are available such as a bandwidth test, a Flash programming utility and a GenTL CL setup utility.

Full specifications for [ActiveCapture](#) and the complete range of Active Silicon's [compatible frame grabbers](#) are available on the website.

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Links for online publication:

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

Press release image: <https://www.activesilicon.com/news-media/image-galleries/frame-grabbers/>

ActiveCapture: <https://www.activesilicon.com/products/activecapture/>

Compatible FireBird frame grabbers: https://www.activesilicon.com/products/frame-grabbers/?fwp_frame_grabber_series=firebird-series

About Active Silicon

Active Silicon, founded in 1988, designs, manufactures, markets and supplies embedded vision systems and interface cards. Frame grabbers provide the interface between high-end cameras and computers in vision systems, while embedded vision systems provide the industrial-grade computer environment on which vision systems operate. 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. In fact, Active Silicon's products have been used in applications from space missions to deep-sea vehicles and UAVs. These 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.