FBD Quickstart Guide - FireBirdVPRO

QUICKSTART GUIDE

1) General Information

This driver provides an interface between an Active Silicon FireBird frame grabber board and the Cognex VisionPro® suite of image processing tools.

This driver is developed and supported by Active Silicon and is not an official Cognex VisionPro driver.

COGNEX DO NOT PROVIDE ANY SUPPORT FOR THIS DRIVER.

Please see the 'Support' section below for all technical and sales support.

2) Requirements

Operating System:	Windows 7 64 bit.
Software:	VisionPro 7.2 and above.
Hardware:	Active Silicon FireBird family board.
Drivers:	Active Silicon FireBird Windows Installer CXP v1.1.3 and above.
	Active Silicon FireBird Windows Installer Camera Link v1.0.1 and above.

3) Installing the VisionPro Driver

1. Ensure that VisionPro is not running.
2. Run as-fbd-vpro-x64-vX_Y_Z.msi and follow the onscreen instructions.
   Note: *X_Y_Z* represents the version number.

4) System Configuration

1. FireBird VPRO uses file "FirebirdVPRO.ini" (found in "Documents\Active Silicon\FireBirdVPRO") to provide setup information for the frame grabber and the camera.
2. "FirebirdVPRO.ini" contains an entry for each FireBird channel which references a ".pcf" file containing the settings required for the FireBird. See the PHX API manual for details of the settings available.
3. For CoaXPress cameras an additional DLL "AsVproExtension.dll" must be used to write to the camera registers in order to set the camera to the required mode. This DLL uses a ".cfg" file with the required camera settings. "FirebirdVPRO.ini" references the DLL and ".cfg" files.
4. Contact techsupport@activesilicon.com for assistance in system configuration.

5) Running VisionPro with FireBird

The FireBird board will be available within the list of frame grabbers under the Camera section of the "Image Source" dialog with a separate entry for each channel available.

6) Uninstallation

FireBirdVPRO driver – Windows 7

1. Open the Windows 'Control Panel' and select 'Add/Remove Programs'.
2. Remove 'Active Silicon Firebird VPRO vX.Y.Z'.

Note: *X.Y.Z* represents the version number.

SUPPORT

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