

FlyCapture® SDK v2



CROSS-PLATFORM IMAGE ACQUISITION LIBRARY

- Same C/C++ API for Windows and Linux
- Support for multiple camera interfaces
- Develop using common programming languages
- ActiveX, TWAIN, and DirectShow interfaces
- Enhanced example programs and source code

MULTIPLE PLATFORM

FlyCapture SDK is designed to provide users with the same interface under multiple operating systems. The initial deployment will include support for both Windows and Linux, 32- and 64-bit platforms.

MULTIPLE CAMERA INTERFACES

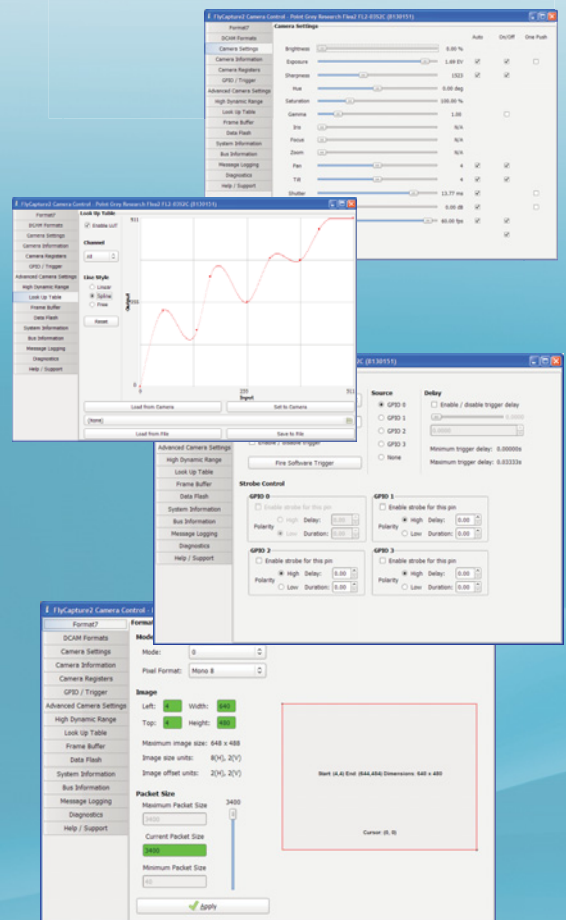
The SDK is designed to provide users with the same programming interface across multiple hardware platforms. The initial deployment will include support for FireWire, USB and GigE Vision products.

MULTIPLE PROGRAMMING LANGUAGES

A simple object oriented design provides users with the ability to program using their favorite interfaces including C, C++, C#, Visual Basic .NET, ActiveX, DirectShow, and TWAIN.

ADDITIONAL FEATURES

- Cross-platform support with a common API for both Linux and Windows
- Compatible with all Point Grey FireWire, USB 2.0 and GigE Vision cameras
- Support for new IIDC 1.32 features, such as frame buffering and LUT
- GigE Vision 1.2 compliant
- OpenGL support for better display performance and CPU usage
- Easy migration path for users wishing to transition between cameras or operating systems - everything including the GUI components are cross platform
- FlyCapture v1.x users will continue to receive support for existing v1.x version of software, and will have access to transition examples that will illustrate the modifications necessary to move from 1.x to 2.x
- Managed interface to decrease development time
- Simpler application programming interface (API) - only 3 function calls required in order to grab an image
- More intelligent error handling
- Increased control of buses
- More example programs and source code
- Uses the same, proven driver stack under Windows as the previous version to help insure the high reliability that users are used to
- Smaller redistributable
- No longer dependent on licensed operating systems and development tools



Control camera settings like gain, shutter, pixel binning, GPIO, LUT, and more using the FlyCap demo program