

### ► Full featured independent SDK for GigE Vision cameras

**GigE**  
VISION

**GEN<i>i</i>CAM**

With the definition of the standards GigE Vision and GenICam the vision industry has made a large leap forward. For the first time all the major manufacturers of machine vision cameras defined a common method for interfacing cameras. This is the first time users can

switch easily between different camera models, manufacturers and technologies, driven by their application requirements rather than compatibility, using a standardized access to the available camera features.

However, if customers want to take the full advantage of this concept of independence it is crucial that their application is based on an independent software package which also supports the full features of the standards.

With CVB 2011 CameraSuite MultiOS it is very easy to take advantage of the unparalleled performance and reliability the standards offer. This sophisticated hardware and operating system independent toolkit offers unprecedented versatility in camera interfacing and includes everything you need to develop your own application quickly and easily (SDK, sample applications, extensive documentation, etc).

CVB 2011 CameraSuite MultiOS is a full featured, easy-to-install SDK that is bundled with the camera and delivered free of charge with each camera provided by STEMMER IMAGING.

#### **Supported operating systems:**

- Windows 32-Bit (XP, Vista, 7)
- Windows 64-Bit (7)
- Linux 64-Bit (Ubuntu, Kubuntu, Mint)

It is licensed to the individual MAC address of each GigE Vision compliant camera via an individual number code and is not bound to the computer hardware or to special dongles. A detachable sticker with the license information is included on the box and can be applied to the camera for future reference.

By licensing CVB 2011 CameraSuite MultiOS every customer who orders a GigE Vision camera from STEMMER IMAGING, receives a reliable, manufacturer independent and powerful SDK that allows the benefits of GigE Vision technology to be fully exploited.

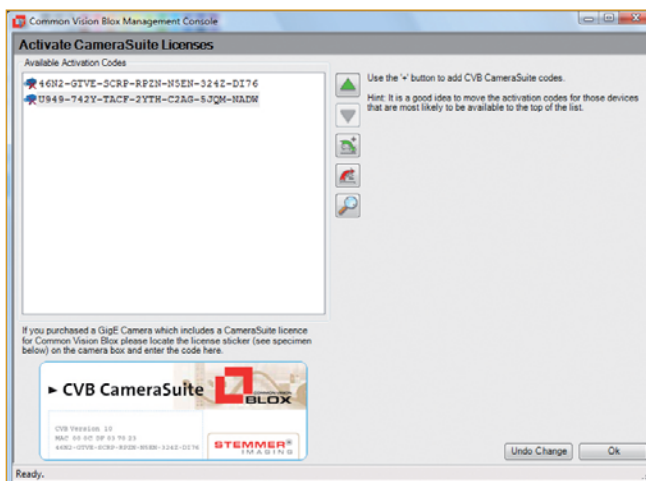


**EXCLUSIVE FOR  
STEMMER IMAGING  
CAMERA CUSTOMERS:  
GIGE VISION FOR FREE!\***

*\* CVB 2011 CameraSuite MultiOS is provided with each GigE Vision compliant camera sold by any STEMMER IMAGING company.*

### ► Hardware and operating system independent SDK

- Full support for GigE Vision cameras
- Full implementation of GenICam standard
- Based on optimised drivers
- Management console for easy camera setup
- Flexible feature tree control for own applications
- Minimized processor load for best performance
- Proven memory management with ring buffers
- Flexible image access for own algorithms
- Support for multiple file formats
- Optimised DirectX display control (only Windows)
- Flickerfree non-destructive overlays (only Windows)
- Full support for:
  - Windows 32-Bit: VB.NET, C#, Visual C++, Visual Basic, Delphi
  - Windows 64-Bit: VB.NET, C#, Visual C++
  - Linux 64-Bit: C++, GNU Compiler Collection
- Components based on DLLs and ActiveX controls (Windows), ELF shared objects (Linux)
- Multiple sample programs in source code



As CVB 2011 CameraSuite MultiOS is a totally independent SDK, it is the preferred acquisition engine for your imaging application development. The free and flexible direct access to image data guarantees full compatibility. CVB 2011 CameraSuite MultiOS is available for download from our website [www.commonvisionblox.com](http://www.commonvisionblox.com).

### ► CVB 2011 CameraSuite MultiOS



The CVB 2011 CameraSuite MultiOS is based on the most comprehensive and powerful implementation of the GigE Vision and GenICam standards, Common Vision Blox. The full version of Common Vision Blox, of course, is not limited to cameras sold through STEMMER IMAGING. With using a full licence of Common Vision Blox you can widen up your independency to any GigE Vision compliant camera without any code change as long as the camera provides the required features. Additionally the users of a full version are eligible to take advantage of the optional imaging algorithms covered by CVB tools. With that flexibility Common Vision Blox is the perfect choice for developers wishing to use the full potential, flexibility and independence of this new technology.

Please contact your local representative of STEMMER IMAGING to find out more about Common Vision Blox or visit [www.commonvisionblox.com](http://www.commonvisionblox.com)