



Magyarországon forgalmazza:  
**PANNONCAD KFT.**  
1155 Budapest, Dembinszky u. 1.  
Tel.: 305-0250 Fax: 305-0249

Digital Video Microscopes for use in the Laboratory or Field  
USB Cameras and Frame Grabbers

Video ToolBox™ -- software for digital video

*Display, capture, label, annotate, measure, print, e-mail*

Video Toolbox™ is the easiest way to display and capture video on your computer; desktop or laptop. Save a single image, a movie, a time lapse sequence, or capture the image directly into your favorite image-editing software for enhancement or annotation. Print or e-mail images without leaving the program.

Video Toolbox™ provides the tools you need to produce high quality images for live display or capture. Interactively adjust brightness, contrast and color settings. Zoom-in up to 4x without pixelation. Make precision measurements directly on the live image. Add labels, markers, even freehand drawings right on the live image.

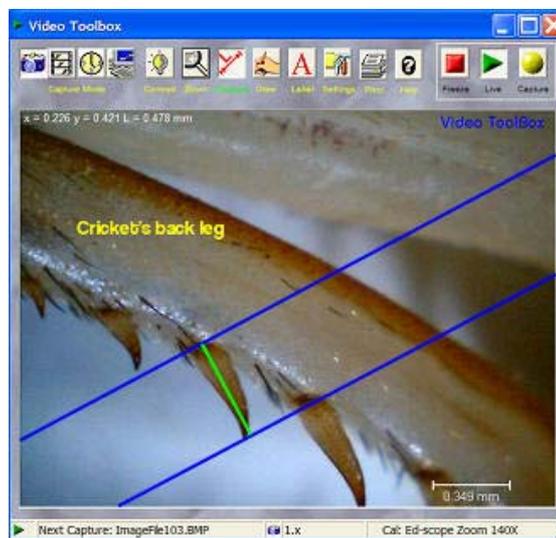
Video Tools™ are plug-ins which add even more capability to Video Toolbox™. Plug-ins are available for image enhancement and automation. You can even write your own Video Tools.

Video ToolBox works with most USB, USB 2.0 and FireWire cameras which use DirectX WDM drivers. For analog video cameras, ask about our USB VideoLink adapters which put full-speed video into any computer including laptops.

Features:

- Display live video
- Capture images, time lapse sequences and movies.
- Capture images directly into your favorite image editor.
- Interactively adjust camera settings including brightness, contrast, color, gamma, sharpness, exposure.
- Live zoom (without pixelation) up to 4x.
- Measure directly on the live image using multiple

text labels, calibration bar, freehand drawing



measure

live video zoom  
(allows precise measurement)

measurement tools.

- Calibrate for different magnifications — store and recall up to 8 different calibrations.
- Add labels and markers over the live image. Simply drag to move.
- Place a time stamp anywhere on the image.
- Place a calibration bar on the live image to show relative scale.
- Add an optional GPS receiver and your image will be marked with the exact location and time.
- Video Tool plug-ins provide additional capabilities for live image enhancement and automated measurement.

Example plug-ins

#### System Requirements:

Pentium II 500 MHz or faster (Pentium III+ recommended), Windows 2000/Me/XP, Internet Explorer 5.0 (or later) installed, USB Port, 128 MB of Free Memory, Video card with 8 MB of video RAM, minimum 800 x 600 resolution at 16-bit (65,000 colors); DirectDraw drivers recommended.

---

#### Video ToolBox Plug-ins:

Plug-ins add live effects to Video ToolBox. Zarbeco offers the following plug-ins:

---

#### FocusLock *depth-of-focus enhancement*

FocusLock performs real-time focus enhancement by monitoring the video image and capturing every portion of the image which is in focus. All you do is turn the focus knob; FocusLock monitors the video image and captures the in-focus portions. Finally, FocusLock returns an image which is entirely in focus.



before FocusLock

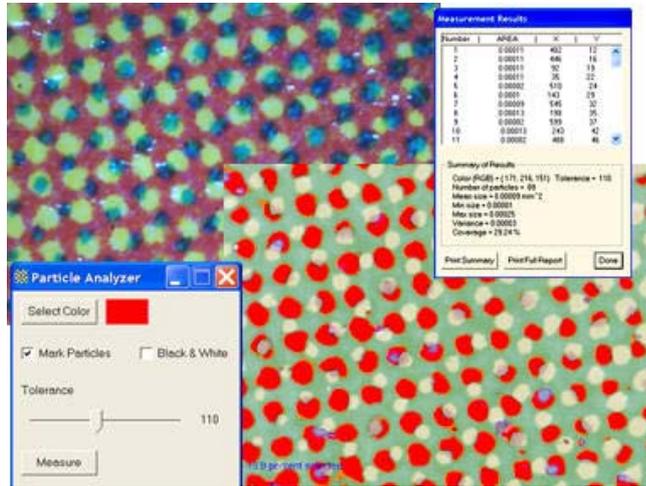


with FocusLock

---

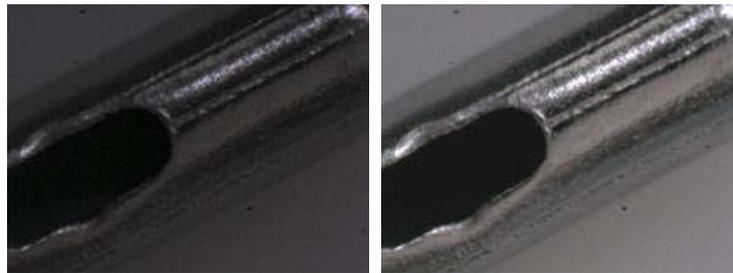
Particle Analyzer  
particle sizing and measurement

Particles, halftone dots, cell colonies; automatically measure the size and distribution with the Particle Analyzer plug-in for Video ToolBox. This real-time analysis plug-in continuously measures the coverage of the particles within the live image. Press the measure button to capture the image, count and measure each particle. Print a summary report with the image and statistical information, or a full report with the size of every particle.



Video Averager  
enhanced low-light level imaging

Video Averager performs continuous frame averaging to enhance images degraded by noise. Select up to 32 frame averaging to produce a clearer image in low-light conditions. Video Averager also adds control over the brightness, contrast and gain beyond that available with the camera and also provides color inversion to help bring out details in low-contrast images.



without VideoAverager

with VideoAverager

Write your own plug-in for Video ToolBox

Video ToolBox makes it simple to turn your ideas into effects. Our developer's kit provides the information you need to quickly write your own Video ToolBox plug-in in whatever programming language you choose.

**Magyarországon forgalmazza:**  
**PANNONCAD KFT.**  
1155 Budapest, Dembinszky u. 1.  
Tel.: 305-0250 Fax: 305-0249