

IMAGING WORKBENCH

Software for Multichannel Dynamic Fluorescence Image Acquisition and Analysis

by INDEC BioSystems

Why Upgrade from Version 4 of Imaging Workbench?

- IW 6's acquisition engine software has been rebuilt from IW 4
 - Camera performance (images/s) greatly outperforms IW 4's
 - IW 6 allows full speed camera image acquisition as defined by manufacturer
 - Camera streaming mode is supported for relevant cameras
 - No synchronization problems between camera and wavelength switchers
- IW 6 has support for many new cameras, such as Andor Technology iXon series, Photometrics Cascade and Hamamatsu
- Always-on-top Acquisition Control Panel gives immediate, direct access to acquisition parameters at any time, even during recording
- $\Delta F/F_0$ calculation and display in IW 6 – F_0 can be averaged over many images for optimal signal-to-noise ratio
- Better integration with newer electrophysiology software from Axon Instruments (pCLAMP 9 or 10). For example, IW 6 imports electrophysiology data into its graph window at end of acquisition by Clampex, if imaging and electrophysiology run on the same computer.
- Dynamic background subtraction – automatically average the fluorescence over a selected region without cells and subtract that value from the whole image. Apply this to each image of a stack to automatically correct for shifts in background level caused by dyes in solution.
- Triggering options in IW 6 - e.g. rising/falling edge triggering
- Support for emission image splitters – Cairn Research Optosplit and Optical Insights DualView
- Calibrate linear and area measurements to μm and μm^2
- Two-monitor display
- Many bugs and awkward user interfaces have been fixed from IW 4. For example, images that don't need continual display are automatically hidden, but easily viewable.
- Expert technical support that solves your problems and listens to your feature needs
- Ongoing development - IW 6.0 is just released, and new features are in development

Contact and Ordering Information

- Visit www.imagingworkbench.com to find the latest information and register
- Receive a demo CD set with eBook tutorials, flow charts and how-to movie clips
- Request a temporary key (dongle) and full IW 6 to test on your current imaging system for a limited time period

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For a distributor in your
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Sales pages

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An Upgrade to IW 6 Preserves your Investment in IW 4
and Points to the Future