

IMAGING WORKBENCH

Software for Multichannel Dynamic Fluorescence Image Acquisition and Analysis

by INDEC BioSystems

Why Upgrade from Version 2.2 of Imaging Workbench?

- All new design in IW 6, plus 32-bit coding for compatibility with Windows XP and 2000, and Windows 98 in case you need it – IW 2.2 runs only on Windows 98
- IW 6 supports the latest cameras and device drivers, as well as legacy devices. IW 2.2 cannot support any new cameras or older cameras with new drivers.
- IW 6 allows full speed camera image acquisition as defined by manufacturer
- IW 6 has support for many new cameras, such as Andor Technology iXon series, Photometrics Cascade and Hamamatsu
- Text device descriptor files allow new wavelength switcher devices to be supported very quickly in IW 6 – no need to write a device driver
- More powerful graph windows and printing in IW 6
- Export to single or multiple TIFF images and AVI movies in IW 6
- Acquisition Control Panel is enhanced over IW 2.2
- More flexible background subtraction, plus shading correction and $\Delta F/F_0$
- IW 6 reads IW 2.2 image (.aif) files
- Add text, voice comments to IW 6 image files – view/hear them during replay/analysis
- Two Dye Sets in IW 6 – each can be 2-wavelength ratio or up to 3-wavelength nonratio:
 - Simultaneously measure $[Ca^{++}]$ and pH ratiometrically
 - Allow up to 6 wavelengths to be acquired and analyzed in nonratiometric mode
- Better integration with 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.
- More flexible triggering in IW 6 – e.g. edge triggering to start image acquisition
- Supported emission image splitters – Cairn Optosplit, Optical Insights DualView
- IW 6 has outstanding stability – no sudden program terminations!
- New Power Module, an image analysis program with many new features, is compatible with IW 6 but not IW 2.2
- 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 2.2
and Points to the Future