




Imager 3001 - Celox




Our fastest camera ever, from ISI speeds to 1 kHz VSD imaging!

-  Unsurpassed for VSD imaging at rates up to 1 kHz - *in-vivo* or *in-vitro*.
-  Many camera options, for a very wide choice of speeds and binning options.
-  Lab interface with 24 BNC connections to your other lab equipment, for total flexibility.



The **Imager 3001 - Celox** is targeted at users who need high speed kHz imaging of voltage sensitive dye signals. It has a camera with a large sensor that runs full frame at 108 Hz, and has optional modes allowing operation to 1 kHz (e.g. 544x244) and beyond. Flexible online binning lets you create images of high s/n while running at high speeds.

Extensive Software Support

-  **VDAQ** – episodic data acquisition, as master or as slave to a behavior control system. On-line feedback. The gold standard in brain imaging.
-  **LongDAQ** – hours of continuous recording - limited only by disk speed and space.
-  **WinMix utilities** – flexible and rapid off-line analysis.

Camera Specifications

Max. Resolution	1312x1082
Max. Data Rate	306 MB/sec
Well Depth 640x512@5fps	7.5M e-
Well Depth 164x128@100fps	5.7M e-
Bit Depth	10 or 12 bits

Some Frame Rates and Resolutions

100 Hz	1312x1082
250 Hz	768x768
500 Hz	544x520
750 Hz	544x324
1000 Hz	544x244

The best turnkey system for both fast VSD imaging and intrinsic imaging.

Note: all specifications are subject to change without prior notice.

www.opt-imaging.com