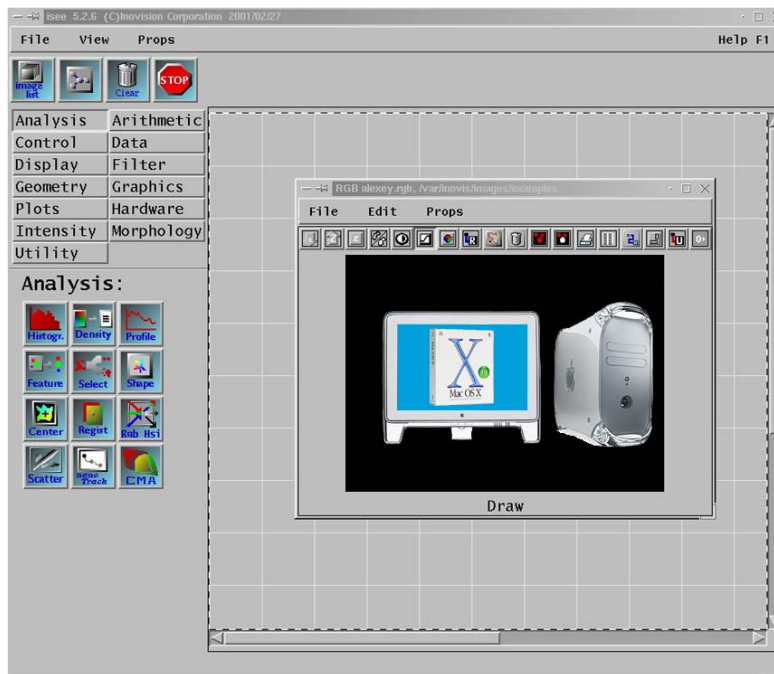


ISee Imaging Software

For MAC OSX Operating System



ISee Imaging Software for MAC OSX is a full featured 2D/3D image acquisition, processing, analysis, and presentation software package that includes over 120 imaging functions. Designed to run native on the MAC OSX operating system, the simple, yet highly versatile, graphical interfaces can address an almost unlimited number of image applications. The ESee 3D Deconvolution Module allows the user to deconvolve stacks of images with unmatched precision and speed.

Features Include:

- 120+ Image Processing, Analysis and Presentation Functions
 - Digital and Video Acquisition Control
 - Hardware Control
 - FRET and Ratio Imaging
 - 3D Deconvolution
 - Cell and Particle Tracking



ISee Imaging Software for MAC OSX includes:

Digital Image Acquisition Module - Call for release dates of specific camera modules

Roper Scientific Qimaging Diagnostic Inc. Cooke

Video Acquisition Module

CCD Cameras and Analog Tube Cameras

· Scion LG-3 Video Acquisition Card

Hardware Control Modules

Motorized Single and Dual Filter Wheels

·Ludl ·Sutter

Monochromators

·TILL ·PTI ·Acton

High Speed Optical Changers

·Sutter DG-4

Laser Ablation Systems

·Photonics

Motorized XY Stages & Z Focus Units

·Ludl

Liquid Tunable Emission Filters

·CRI

Motorized Theta Rotatable Stages

·ISee Imaging

Application Modules

Ratio Imaging Module

·Excitation and Emission Ratioing
·Multiple Regions of Interest
·Multiple Event Markers

·Independent Hardware Setup and Control
·Multiple Real Time Graphical Plots
·Numerical Data Output in ASCII Format

NanoTrack Cell / Particle Tracking Module

·Nanometer Precision
·Unlimited Object Size
·Real Time Graphical Plots

·Tracking Speed up to 30 Frame per Second
·Automatic, Interactive, and Manual Tracking Modes
·Numerical Data Output in ASCII Format

GFP / Probe Co-localization Module

·Interactively determine % co-localization
·User defined data output parameters

·Interactive display multi-color image display

Cross Talk Eliminator Module

·Increases quantitative results derived from images ·Improves color separation of multi-wavelength images

120+ Image Processing, Analysis, and Presentation Functions

Image Processing Functions

·Create Multiple ROIs per Image ·Arithmetic & Logical Functions ·Geometric & Morphometric Functions
·31+ Feature Extraction Parameters ·2D Convolution/Deconvolution Filters ·Image and Movie Conversion Routines
·Image Intensity Functions ·Image Registration ·Process Control Functions

Image Analysis Functions

·Centroid Calculation ·Feature and Shape Analysis ·Intensity Profiles ·X & Y Line Scans
·Interactive Distance Measurements ·Densitometry Calibration ·Statistical and Results Output in ASCII Format
·Size and Shape Classification and Analysis ·Histogram and Profile Calculation and Display

Image Presentation Functions

·Image Annotations ·Image Mosaics ·Multi-Image Overlays ·Multi-Image Comparisons
·Create & Edit Multi-Media Movies (SGI) ·Real Time Data Plots ·3D Contour Plots

