

# Image Presentation Functions

For:

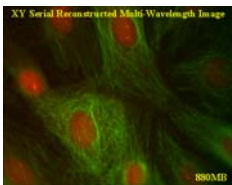
ISee PC Imaging Software

ISee MAC Imaging Software

ISee SGI Imaging Software

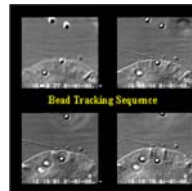
For Manuscripts, Grant Applications, Seminars, Society Meetings and Poster Sessions, ISee's Standard Presentation Tools provide the user with the versatility to formulate his text and image data and

## ...Image Mosaics of Unlimited Size with Annotations



Annotate Images with:

- Text
- Graphics
- Calibration Bars

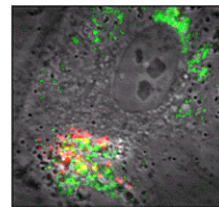


## ...Multi-Colored Transmitted / Fluorescent Image Overlays

Overlay up to 7 fluorescent images and a phase/DIC image.

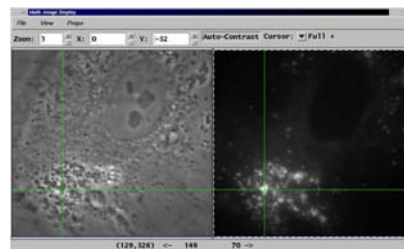
Component Control for:

- Image Color
- Contrast Enhancement

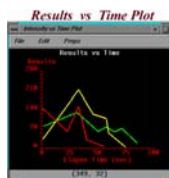


## ...Multi-Image Comparison

- Interactive Dual Cursors
- Interactive Image Zoom
- Interactive Image Pan
- User Selectable Cursor Color
- User Selectable Cursor Type

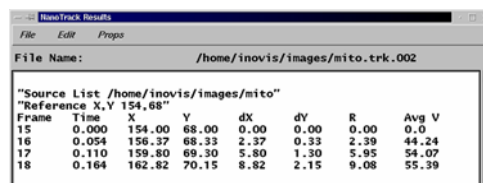


## ...Data Plots, Scatter Plots, Histograms, Profiles and Text Data Table with Real Time Data Plots



User Selectable:

- Trace Color
- Scaling Parameters
- ASCII Format



Frame	Time	X	Y	dX	dY	R	Avg V
15	0.000	154.00	68.00	0.00	0.00	0.00	0.0
16	0.054	156.37	68.33	2.37	0.33	2.39	44.24
17	0.110	159.80	69.30	5.80	1.30	5.95	54.07
18	0.164	162.82	70.15	8.82	2.15	9.08	55.39



## More Standard Presentation Functions Include:

### Image Display

- Monochrome up to 16-bits
- RGB up to 48-bits

### Image Annotation

- User Defined Color and Size
- Parameters include:
  - Text ·Scale Bars ·Gray Wedges
  - Arbitrary Polygons ·Date/Time Stamp
  - Geometric Shapes (lines, boxes, circles)

### Image Mosaics

- Monochrome or RGB Color
- Unlimited Size

### Multi-Image Overlays

- Overlay up to 7 fluorescent images onto a :
  - Phase Contrast Image ·DIC Image
- Interactive Component Image Control for:
  - Color Selection ·Contrast Enhancement

### Multi-Image Comparisons

- Side by Side Image Display
- Dual Interactive Cursor
- User Selectable Cursor Color and Size

### 3D Orthogonal Display

- Display XZ and YZ Image Profile
- Interactive Intensity Profile

### Image and Movie Conversion

- Convert:
  - Monochrome to RGB Color
  - RGB to HSI ·HSI to RGB
- Image File Formats
  - 31+ File Formats ·Batch Conversion
  - Movie to Sequential Image Conversion
- Movie Formats
  - 5 Movie File Formats
  - Sequential Images to Movie Conversion

### Digital Movies

- Create Digital Movies from:
  - See Image Lists
  - Direct Screen Capture
  - Previously Stored Movies
- Edit Digital Movies
  - Create Title Pages · Edit Single Frames
  - Special Effects · Image Operators
  - Combine Movie Sequences
- Create a Movie within a Movie
  - Overlay a movie on top of a movie
- Create, Edit, and Overlay Sound Tracks
- Store Movies in a Wide Array of Formats
  - SGI ·QuickTime ·AVI ·MPEG
- Record Movies Directly to VCR and/or OMDR
  - Composite Format ·S-Video Format

### Histograms, Profiles, and Plots

- Interactive Histograms and Profiles
- Results versus Time Plots
- Real Time Data Plots
- Display Multiple Traces per Plot
- User Defined:
  - Legend Text ·Scaling ·Trace Color

### Data Text Tables

- User Defined:
  - Row and Column Text ·Column Width
  - Unit of Measurement
- ASCII Data Format
  - Easy Import into MS Excel, Lotus 123

### Image Manipulation

- Rotate
- Translate
- Scale
- Warp