

Image-Pro Plus Version Comparison



Use this chart to see how upgrading to Image-Pro Plus 7.0 can help streamline your work.
 For the full Image-Pro Plus 7.0 feature list, see our Image-Pro 7.0 Product Comparison Chart.

Features	V. 4.0	V. 4.5	V. 5.0	V. 5.1	V. 6.0	V. 6.2	V. 6.3	V. 7.0
Image Acquisition & Live Analysis								
Live preview		•	•	•	•	•	•	•
Live measurements		•	•	•	•	•	•	•
Live object counting		•	•	•	•	•	•	•
Automatic exposure / white balance			•	•	•	•	•	•
Real-time 2D deconvolution						•	•	•
Live Tiling & Live EDF (Optional)								•
Microscope & stage automation included (Scope-Pro)								•
Accelerated loading of Scope-Pro settings files								•
User-controlled shuttering								•
Fast transition from one channel setup to another (in Image-Pro Plus MDA & AMS)								•
Capture interface enhancements (for specific cameras)								•
Image Display								
Local Zoom - simultaneously view entire image and magnified area of interest			•	•	•	•	•	•
Load and analyze image sets larger than your available RAM memory				•	•	•	•	•
Time-based image sequence playback					•	•	•	•
Just-in-Time image loading for image sets and sequences								•
Image Processing								
Morphological filters	•	•	•	•	•	•	•	•
Enhancement filters	•	•	•	•	•	•	•	•
Pseudo-color tool	•	•	•	•	•	•	•	•
Fast Fourier Transform (FFT) features	•	•	•	•	•	•	•	•
Extended Depth of Field (EDF)		•	•	•	•	•	•	•
Color composite tool		•	•	•	•	•	•	•
Edge filters, large spectral filters, and custom kernel editing			•	•	•	•	•	•
Align images			•	•	•	•	•	•
Tile images			•	•	•	•	•	•
Set Manager to organize, extract, and display multiple image sets			•	•	•	•	•	•
N-dimensional viewer to choose variables to display from image sets			•	•	•	•	•	•
Dye list / image tinting			•	•	•	•	•	•
Image registration, and spatial and image alignment			•	•	•	•	•	•
Dark mode for low light laboratory environments					•	•	•	•
Built-in Nearest Neighbor and No-Neighbor deconvolution						•	•	•
Bayer Mask interpolation								•
Measurement & Classification Tools								
Manual measurement tools	•	•	•	•	•	•	•	•
Automatic count and size tools	•	•	•	•	•	•	•	•
Manually tag, count, and classify objects	•	•	•	•	•	•	•	•
Maximum count number extended to over 100,000 objects (memory dependent)					•	•	•	•
Display measurements as histograms & scattergrams	•	•	•	•	•	•	•	•
Metrology tools measure features such as best-fit line, arc, and circle	•	•	•	•	•	•	•	•
Auto-trace feature	•	•	•	•	•	•	•	•
Caliper tool for edge detection and measurement	•	•	•	•	•	•	•	•
Co-localization of probes		•	•	•	•	•	•	•
Calibration wizards			•	•	•	•	•	•
3D surface analysis (in Image-Pro Plus Inspector, 3D and AMS)								•
3D surface analysis animation creator (in Image-Pro Plus Inspector, 3D and AMS)								•

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Object Tracking Tools								
Manual and automatic object tracking tools			•	•	•	•	•	•
Make morphological measurements on the objects being tracked				•	•	•	•	•
Correlation tracking				•	•	•	•	•
Define reference track					•	•	•	•
Compare tracks							•	•
3D Rendering and Analysis								
3D filters					•	•	•	•
Additional 3D filters (Top-hat Plus, Minus & Ring, Local Max & Min, & Gradient)							•	•
3D viewer					•	•	•	•
Image Analysis Tools								
Data Collector collects data from multiple images from various tools	•	•	•	•	•	•	•	•
Surface Plot displays image intensity values in a 3D plot			•	•	•	•	•	•
Measurement equation editor					•	•	•	•
Export data via DDE to Origin® or Microsoft® Excel					•	•	•	•
Data graphing features include tools to dynamically link to image overlays					•	•	•	•
Live data collecting and charting					•	•	•	•
Auditing and Authentication Features								
Audit trail		•	•	•	•	•	•	•
Image and file signature "fingerprint" images for authenticity		•	•	•	•	•	•	•
Image Management and Reporting								
Annotation tools	•	•	•	•	•	•	•	•
Create customized reports with images, data, and text	•	•	•	•	•	•	•	•
Export measurements to statistical and spreadsheet package via DDE	•	•	•	•	•	•	•	•
IQbase image database support					•	•	•	•
Automation & Customization Tools								
Macro programming tools	•	•	•	•	•	•	•	•
Customize workflow toolbars			•	•	•	•	•	•
Customize your application with the interactive menu editor					•	•	•	•
Intelligent macro editor with command recognition					•	•	•	•
Time-saving "Extras" macros in Macro Menu								•
Macro browser								•
Link to online tutorials								•
Application launch tools								•
Operating System Support								
Windows® 2000		•	•	•	•			
Windows® XP Professional sp2					•	•	•	•
Windows® Vista Business 32-bit, 64-bit							•	•
Windows® Vista Ultimate 32-bit, 64-bit							•	•
New File Format Support								
Read/write support for JPEG2000 and read support for EXIF JPEG					•	•	•	•
Support for Fluoview 1000, QED, FITS, and Leica Capture 6.0 files					•	•	•	•
StreamPix file support								•
µManager file support								•
LIF file support improvements								•

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