



Nikon NIS Elements Imaging Software Specifications

Capture	Advanced Research	Basic Research	Documentation
Time Lapse	Included	Included	Included
Z-Stack*	Included	Included	Included
Multi Stage-Position*	Included	Included	Included
Multichannel Fluorescence*	Included	Included	No
RAM Capture	Included	No	No
Triggered Device Control	Option	Option	No
4D with Experimental Preview	No	Option	No
6D with Experimental Preview	Option	No	No
AVI Acquisition	Included	Included	Included
DAQ (TTL/ Analog) Control	Option	Option	No
Custom Acquisition	Included	Included	Included
Intensity Correction through Z	Included	Included	Included
Display and Processing	Advanced Research	Basic Research	Documentation
GUI	Multi-Window	Multi-Window	Single-Window
Annotation	Included	Included	Included

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ND Viewer	Included	Included	Included
AVI creation	Included	Included	Yes
Snapshot creation for publication	Included	Included	Included
Image Arithmetic	Included	Included	No
Filter, Morphology	Included	No	No
Binary Layers	Included	Included	Option
Volume View with AVI creation	Included	Included	No
Volume View: 3D ND Crop	Included	No	No
Volume Rendering & Movie Maker	Included	No	No
Tiling (Montage) View	Included	Included	Included
Max / Min Projections	Included	No	No
ND Processing	Included	No	No
Ratio Viewing and Graphing	Included	No	No
Ratio Calcium Calibrations	Option	No	No
Capture, Display & Multifunction	Advanced Research	Basic Research	Documentation
High Dynamic Range	Included	option	option
Large Image Stitching	Included	Included	Included
Live Compare	Included	Option	Option

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Scan Large Image and Z	Included	Included	No
Grab Large Image Free Shape	Included	Included	Included
Combined Real Time EDF and HDR	Option	Option	Option
EDF & Real Time EDF	Option	Option	Option
Movie Maker	Included	No	No
FRET	Option	No	No
2D Real Time Deconvolution	Option	No	No
2D Decon Tools	Option	No	No
3D Decon Tools	Option	No	No
Macro	Advanced Research	Basic Research	Documentation
Macro	Included	Included	Included
Advanced Interpreter	Included	Option	Option
Macro Debugger & Variable View	Included	Option	Option
Looping and Batching	Included	No	No
Measurement	Advanced Research	Basic Research	Documentation
Z profile & 3D Measurements	Option	Option	Option
Auto-Measurement	Included	Included	Option
Object Catalog	Included	Included	Option

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Live Object Inspection Tool	Included	Included	optional
Region of Interest Tools & Statistics	Included	Included	No
Segmentation	Included	Included	No
Colocalization	Included	No	No
Pixel Classifier	Included	Included	Included
Object Classifier-Advanced Segmentation	Option	No	No
Time-Measurement	Included	Option	No
2D Object Tracking	Option	No	No
Kymograph	Included	No	No
Volume Measurement	Included	No	No
Report	Advanced Research	Basic Research	Documentation
Report Generator	Included	Included	Included
Management	Advanced Research	Basic Research	Documentation
Vector Layer	Included	Included	Included
Multi-Dimensional File Format	Included	Included	Included
Database	Option	Option	Option
Multi-User Environment	Included	Included	Included

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