

cellSens Version Comparison - Function Chart

- - function present in software version
- - function requires optional Solution
- - function/Solution new in software version
- - function new in software version with optional Solution

Grey background - function present and improved/changed from previous version

			Main Licenses				Solutions													
			Entry	Standard	Dimension	Dimension Desktop	Multichannel Acquisition	Multiposition	Well Navigator	Manual Process Control	Database Core	Database Client	3D Deconvolution	Count&Measure	Photomanipulation	Life Science Analysis	Ratio/FRET	High End Device	High End Camera	NetCam
Function			1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
Image acquisition	Basic image acquisition	Image capture and live display	●	●	●	●														
		Compare Live with Snapshot	●	●	●	●														
		Movie acquisition	●	●	●	●														
		Save and Load Camera Settings	●	●	●	●														
		Crosshair	●	●	●	●														
	Extended image acquisition	TWAIN acquisition		●	●	●														
		Time lapse		●	●	●														
		Digital Reticle		●	●	●														
		Semi-motorized microscope system		●	●	●	●													
		Multichannel acquisition		○	●	●	●													
	Advanced image acquisition	Load Acquisition Settings		●	●	●														
		Instant EFI		○	●	●				●										
		Motorized EFI		●	●	●														
		Manual MIA		○	●	●				●										
		Motorized MIA		●	●	●		●												
		Graphical Experiment Manager (GEM)		●	●	●														
		Stage Loop for GEM		●	○	●		●												
		High Dynamic Range Imaging		●	●	●														
		Online Deblur		●	●	●														
		Z-stack acquisition		●	●	●														
		Time Lapse markers		●	●	●														
		Software autofocus		●	●	●														
		Online browsing		●	●	●														
		NetCam		○	○	○													●	
		Multi-dimensional acquisition		●	●	●														
		Stage Navigator		●	○	○		●												
		Well Navigation (also requires Multiposition Solution)		●	○	○			●											
		Photomanipulation		●	○	○									●					
Image Tools	Basic image tools	Image Properties	●	●	●	●														
		Image Navigator	●	●	●	●														
		Gallery View	●	●	●	●														
		Adjust Display	●	●	●	●														
		Combine RGB images	●	●	●	●														
		Image processing	●	●	●	●														
		Z-stacks projections	●	●	●	●														
		Annotations	●	●	●	●														
	Extended image tools	Layer Management	●	●	●	●														
		Image Enhancement Filters		●	●	●														
		Image Geometry		●	●	●														
	Advanced image tools	Multi-dimensional processing		●	●	●														
		Mode conversion		●	●	●														
		Image arithmetics		●	●	●														
		Intensity calibration		●	●	●														
		Image deblur		●	●	●														
		3D Slice View		●	●	●														
		Spectral Un-mixing		●	●	●														
Customisation	Basic customization	2D Deconvolution		●	●	●														
		3D Deconvolution		○	○	○							●							
	Extended customization	3D Deconvolution		○	○	○														
		3D Voxel Viewer		●	●	●														
	Advanced Customization	Save and Manage Layouts	●	●	●	●														
		Dark Skin	●	●	●	●														
	Macro Manager	User management		●	●	●														
		Workflow creation (My Functions)		●	●	●														

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Image analysis	Advanced Analysis	Phase Analysis			•	•														
		Kymograph			•	•														
		Region Of Interest (ROI)			•	•														
		Off-line Ratio Analysis			•	•														
		On-line Ratio Analysis			○	○														
		FRAP Analysis			•	•									•	•				
		FRET Analysis			•	•										•	•			
		Co-localization analysis			•	•														
Interactive measurement	Basic Measurement	Simple Measurements	•	•	•	•														
		Line Profile	•	•	•	•														
	Extended Measurement	Interactive Measurements		•	•	•														
		Touch Count		•	•	•														
	Advanced Measurement	Full Measurements		•	•	•														
Reporting	Advanced Reporting	Count&Measure		•	•	•								•						
		Data Export to Excel		•	•	•														
		Data Export to Excel with Statistics		•	•	•														
		Report Composer		•	•	•														
		Olympus add-in to Microsoft Word		•	•	•														
Data management	Advanced Data Management	Detail Zoom-out		•	•	•														
		Database Management		○	○	○					•									
Device support	Basic device control	Database input/output	○	○	○	○					•									
		Pre-defined image calibration	•	•	•	•														
		Olympus devices and frames	•	•	•	•														
	Extended device control	Olympus cameras	•	•	•	•														
		Automatic image calibration		•	•	•														
		Motorized Olympus devices and frames		•	•	•														
		3rd party cameras		•	•	•														
	Advanced device control	3rd party shutter		•	•	•														
		High-end Olympus devices		•	•	•														
		Olympus stages and controllers		•	•	•		•												
		Olympus confocal devices		•	•	•														
		3rd party piezo-Z devices		•	•	•											•	•		
		3rd party TTL controller		•	•	•														
		3rd party confocal devices		•	•	•												•		
		3rd party imaging accessories		•	•	•											•	•		
		3rd party cameras		•	•	•														
		3rd party high-end cameras		•	•	•													•	
		3rd party light sources		•	•	•														
		3rd party stages and controllers		•	•	•		•												

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