

	SmartLUX	DocuLUX
<b>Supported Camera Manufacturer</b>	Andor, Hamamatsu, PCO, Photometrics, Qimaging	1x Monochrome or 1x Color Camera
<b>Resolution</b>	Up to 16-bit (Monochrome)	8-bit Monochrome / 24-bit Color (8-bit per Color)
<b>Purpose</b>	Fluorescence Imaging (TIFF-Stacks)	Documentation (Snapshots/Video)
<b>Demand</b>	Low Light / High Sensitivity	Plenty of Light / Lower Sensitivity
<b>Stand-alone Usability</b>	Controlled by PATCHMASTER; Can be used as stand-alone software only to review acquired images	Controlled by PATCHMASTER or as stand-alone software
<b>PATCHMASTER NEXT Support</b>	not yet	not yet
<b>Simultaneous Use of SmartLUX and DocuLUX</b>	no	
<b>Link to Data</b>	yes	yes
<b>Fluorescence Trace Generation</b>	yes	no
<b>Snapshots</b>	yes (TIFF)	yes (TIFF, BMP, PNG, JPG)
<b>Triggered Snapshots</b>	no	yes (TIFF, BMP, PNG, JPG)
<b>Video Acquisition</b>	no	yes (AVI)
<b>Exposure Settings</b>	yes	yes
<b>PGF Priming</b>	yes (in SmartLUX)	yes (in PATCHMASTER)
<b>Wavelength Settings</b>	yes	no
<b>Image Viewer</b>	yes	no
<b>Regions-of-Interest (ROI)</b>	yes	no
<b>Area-of-Interest (AOI)</b>	yes	yes
<b>Image Calibration</b>	yes	yes
<b>Import/Export of Calibration Settings</b>	not yet	yes
<b>Horizontal/Vertical Image Flip</b>	no	yes
<b>Color Lookup Tables</b>	yes	yes
<b>Protocol Editor Events</b>	yes	yes
<b>Pulse Generator Support</b>	yes	yes
<b>Big TIFF file support (&gt; 2 GB)</b>	yes	no
<b>Camera Branding</b>	no	yes
<b>Dongle (License)</b>	yes	no
<b>Free Software Updates</b>	yes	yes