	SmartLUX	DocuLUX
Supported Camera Manufacturer	Andor, Hamamatsu, Teledyne Photometrics, QImaging	Provided camera
Resolution	Up to 16-bit (monochrome)	12-bit monochrome/color
Purpose	Fluorescence Imaging (TIFF Stacks)	Documentation via Snapshots or Videos
Demand	Low Light / High Sensitivity	Plenty of Light / Low Sensitivity
Stand-alone Usability	Controlled by PATCHMASTER; can be used as stand-alone software only to review acquired images	Controlled by PATCHMASTER or stand-alone software
PATCHMASTER NEXT Support	not yet	not yet
Simultaneous Use of SmartLUX and DocuLUX	no	no
Link to Data	yes	yes
Fluorescence Trace Generation	yes	no
Snapshots	yes (TIFF)	yes (TIFF, BMP, PNG, JPG)
Triggered Snapshots	no	yes (TIFF, BMP, PNG, JPG)
Video Acquisition	no	yes (AVI)
Exposure Settings	yes	yes
PGF Priming	yes (SmartLUX)	yes (PATCHMASTER)
Wavelength Settings	yes	not
Image Viewer	yes	no
Regions-of-Interest (ROI)	yes	no
Area-of-Interest (AOI)	yes	yes
Image Calibration	yes	yes
Import/Export of Calibration Settings	no	yes
Horizontal/Vertical Flip	no	yes
Colour Lookup Tables	yes	yes
Protocol Editor Events	yes	yes
Pulse Generator Support	yes	yes
Big TIFF file support (< 2 GB)	yes	no
Camera Branding	no	yes
Dongle (License)	yes	no
Free Software Updates	yes	yes
		14.11.2023