

Third Party Image Acquisition Control Software

Many third-party image acquisition control software platforms support co-ordinated operation of Lumencor light engines with cameras and other peripherals. The light engine is addressed via serial communication from the host computer. Lumencor light engines utilize a FTDI USB UART (universal asynchronous receiver/transmitter) and connect to the host computer via a virtual COM port (VCP). It is generally necessary to install a VCP driver, which may be downloaded from our website [here](#). Depending on your application, the host computer may also address the TTL or light output gate port, usually via hardware peripherals such as digital acquisition (DAQ) cards.

Follow the links below for information on downloading and installing the driver(s) of choice. The list is growing and if you don't see a particular software package listed, please send an e-mail inquiry to our [Technical Support desk](#).

Software Range	LIDA	SPECTRA/ CELESTA	SPECTRA X	SOLA [1]	Notes
HCIImage	Yes	-	Yes	Yes	Go to Hamamatsu website for details
iVision-Mac	-	-	Yes	Yes	Go to BioVision website for details
LabVIEW	-	-	Yes	Yes	LabVIEW DLL support files available from Lumencor
Inscoper	-	-	Yes	Yes	Go to Inscoper website
Leica LAS X	-	Yes	Yes	-	Go to Leica Microsystems website
Matlab	-	Yes	Yes	Yes	Sample code available from Lumencor
MetaMorph	Yes	Yes	Yes	Yes	Go to Molecular Devices website for more details
Micro-Manager	Yes [2]	Yes [3]	Yes	Yes	Go to Micro-Manager website for details
Nikon NIS-Elements	Yes	Yes	Yes	Yes	Go to NIS-Elements website for details
Olympus cellSens	-	Yes [4]	Yes	Yes	Go to Olympus website for details
SlideBook	-	Yes [5]	Yes	Yes	Go to Intelligent Imaging Innovations website for details
VisiView	-	-	Yes		Go to Visitron Systems website for details

[1] Includes SOLA SE and SOLA III light engines.

[2] Version 1.4.22 only. Go to lumencor.go2scope.com for driver download and installation instructions.

[3] [Further details here](#).

[4] [Further details here](#).

[5] Version 6.0.18 and above.