

# 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](#).

## Supported Light Engine Models

Software	SPECTRA/ CELESTA/ ZIVA [1]	SPECTRA X	SOLA [2]	Notes
HCIImage	-	Yes	Yes	Go to <a href="#">Hamamatsu</a> website for details
iVision-Mac	-	Yes	Yes	Go to <a href="#">BioVision</a> website for details
LabVIEW	-	Yes	Yes	LabVIEW DLL support files available from <a href="#">Lumencor</a>
Inscoper	-	Yes	Yes	Go to <a href="#">Inscoper</a> website
Leica LAS X	Yes [3]	Yes	-	Go to <a href="#">Leica Microsystems</a> website
Matlab	Yes	Yes	Yes	Sample code available from <a href="#">Lumencor</a>
MetaMorph	Yes	Yes	Yes	Go to <a href="#">Molecular Devices</a> website for more details
Micro-Manager	Yes [4]	Yes	Yes	Go to <a href="#">Micro-Manager</a> website for details
Nikon NIS-Elements	Yes	Yes	Yes	Go to <a href="#">NIS-Elements</a> website for details
Olympus cellSens	Yes [5]	Yes	Yes	Go to <a href="#">Olympus</a> website for details
SlideBook	Yes [6]	Yes	Yes	Go to <a href="#">Intelligent Imaging</a> Innovations website for details
VisiView	Yes	Yes	Yes	Go to <a href="#">Visitron Systems</a> website for details

[1] Also includes AURA and RETRA models manufactured 2018 and after.

[2] Includes SOLA SE and SOLA III Light Engines.

[3] AURA and SPECTRA only.

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

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

[6] Version 6.0.18 and above.