Spatial Light Modulator SDK

Using the SDK, it is possible to combine an SLM with devices such as cameras, lasers, and motorized stages, and control the distribution of light while exchanging data in real time.

The updated versions 3.2 of the HOLOEYE Spatial Light Modulator Display SDK for C/C++, Python, Octave, Matlab and LabVIEW are now available. Updates are available for Windows ...

In this video, we show the HOLOEYE Display SDK, a comprehensive toolset designed for the development of applications for the latest HOLOEYE Spatial Light Modulators.

slmsuite is a Python package for high-precision spatial light modulator (SLM) control and holography. slmsuite enables spot-specific Zernike aberration correction; capable of optimizing spot ...

The current SDK version is available for Microsoft Windows 10 and above (Windows 64 bit versions). The SDK supports all current HOLOEYE Spatial Light Modulators with resolutions up to 4160 x 2464 ...

slmsuite combines GPU-accelerated beamforming algorithms with optimized hardware control, automated calibration, and user-friendly scripting to enable high-performance programmable optics ...

Supported development environments are: The current version is available for Microsoft Windows 7, 8.1 and 10 in 32-bit and 64-bit versions. The SDK supports all current HOLOEYE Spatial Light ...

Software packages with graphical user interface for operating our spatial light modulators.

This is a package that allows one to control a Spatial Light Modulator (SLM) with a simple an intuitive syntax. We support Python >= 3.10 and all major platforms (Windows, MacOS and Linux).

Python code to use a spatial light modulator (SLM). The easiest way to install slmtools is to first install Anaconda for Python 3. After that, open an Anaconda Prompt, type pip install --user --upgrade ...

Web: https://www.cgaroofing.co.za