

Blink 1920 HDMI Software Development Kit (SDK)

Documentation for the SDK can be found in the user manual at:

C:\Program Files\Blink 1920 HDMI\1920 HDMI User Manual.pdf

Files to Link to:

Blink_C_wrapper (.dll, .h, and .lib) is used as a wrapper class to reformat C++ functions to be compatible with Matlab, LabVIEW, and Python

HDMIDisplay (.dll, .h, and .lib) is the C++ code that interfaces to the SLM hardware

ImageGen (.dll, .h, and .lib) provides image generation capabilities as documented in the user manual

Example Programs:

BlinkSDKExample (.cpp, .m, .py, and .vi) is a simple program that loads a series of images to the SLM through C++. This example writes slowly varying gradient patterns to the SLM that are easily visible to the eye when looking at the SLM with room light through a polarizer aligned at 45 degrees to the SLM.

This folder also contains miscellaneous supporting C++ files, image files, DLL's for the device driver, and generic calibrations. If you have a specific question about the additional supporting files please contact slmsupport@meadowlark.com