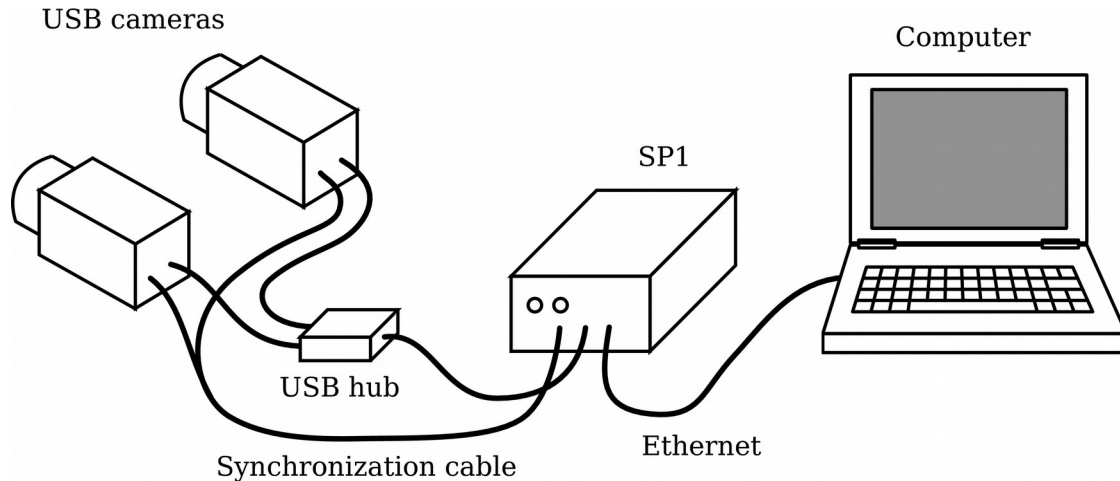


# SP1 Stereo Vision Sensor

## Quick Start Instructions



Please connect two supported USB industrial cameras through a USB-hub to the SP1 stereo vision sensor, as shown in the figure above. Usually an active hub is required for providing sufficient power to the cameras. Please verify that the cameras are synchronized. Depending on your configuration, this might require connecting the cameras to the SP1's trigger port.

Connect a computer to the SP1's ethernet port and adjust its IP address and subnet mask such that it can communicate with the SP1. By default, the SP1 uses the following IP address:

**192.168.10.10**

The SP1 can be configured through a web-interface by entering its IP address in a web-browser. Please consult the user manual for configuration and camera calibration instructions.

## Software and API

Please download the libvisiontransfer C++ API, the SpCom sample application and the GenTL producer from our support website:

**<http://nerian.com/support/software/>**

For windows, a binary version is available that can be used with Microsoft Visual Studio 2013 and 2015. For Linux and Mac OS X, please compile the provided source code package.

Example code and an API reference documentation are included in the downloadable packages. The documentation can also be browsed online at:

**<http://nerian.com/support/documentation/api-doc/>**

An introduction to using the API and the SpCom sample application can be found in the user manual.