

STRUCTURE SENSOR OPENNI2 QUICK START GUIDE

The Structure Sensor is compatible with OpenNI2, but may require changes depending on your operating system.

CHANGES REQUIRED ON MAC OS X

No changes are required on Mac OS X. The Structure Sensor will work without changing your OpenNI2 setup.

CHANGES REQUIRED ON WINDOWS

Every application using OpenNI2 must include a copy of the OpenNI2 configuration files. If you would like to use the Structure Sensor with your OpenNI2 application you need to make a one-line change to the **PS1080.ini** configuration file. Specifically, you need to replace the line:

```
;UsbInterface=2
```

with

```
UsbInterface=0
```

You will need to make this change to every OpenNI2 application.

Example: Configuring NiViewer to work with Structure Sensor

The NiViewer application comes bundled with OpenNI2. Let's make it work with the Structure Sensor.

Step 1: Go to the directory containing NiViewer.exe ("C:\Program Files (x86)\OpenNI2\Tools")

Step 2: Go to the directory containing the PS1080.ini configuration file ("C:\Program Files (x86)\OpenNI2\Tools\OpenNI2\Drivers")

Step 3: Open the PS1080.ini file with Notepad.

Step 4: Find the line that says ";UsbInterface=2" (no quotes)

Step 5: Change that line to "UsbInterface=0" (no quotes)

Step 6: Save the changes to the PS1080.ini file

Step 7: Run the NiViewer tool. You should see a depth stream and an IR stream from the Structure Sensor.

CHANGES REQUIRED ON LINUX

The changes required for Linux are very similar to the changes required for Windows, except this time you only need to change one file.

Step 1: Open the `/etc/openni/GlobalDefaults.ini` file

Step 2: Search for the line that says `“;UsbInterface=2”` (no quotes)

Step 3: Change that line to `“UsbInterface=0”` (no quotes)

Step 4: Save this change to the `/etc/openni/GlobalDefaults.ini` file.

CHANGES REQUIRED ON ANDROID

Instructions will be coming soon. Please check the forums regularly for updates.

