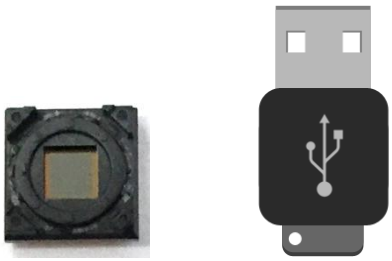
NSP32 SDK
USB Driver
Installation Manual
on Windows and Linux



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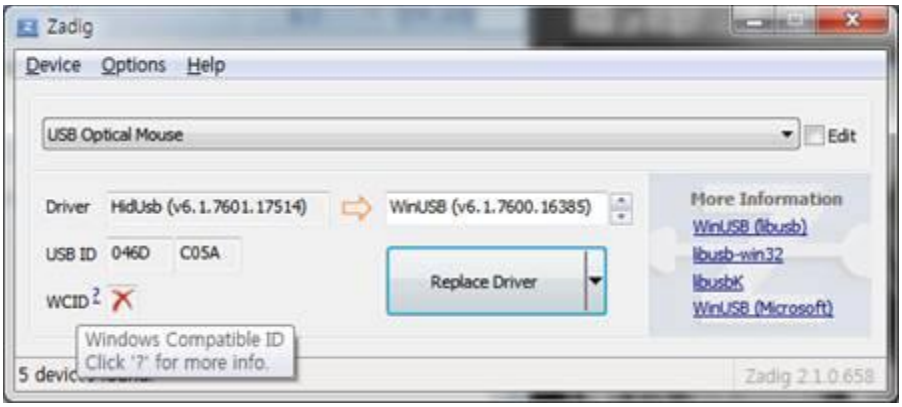
Install USB Driver on Windows

You need to upgrade current libusb driver to libusbK for apollo sensor.

After running driver installer (zadig_2.1.0.exe), find Options->List All Devices, and you can see this kind of window.



If you select Apollo sensor in list, you can see the current installed usb driver
which is libusb0(v1.2.6.0). You need to select libusbK(v3.0.6.0) and press 'replace driver' button.

Installation was done.

Install USB Driver on Ubuntu and Raspberry-Pi

Installing prerequisites for the libusb. To use NSP32 ADK for measurement and/or experimentation, you have to install USB driver on the Ubuntu.

1. $ sudo apt-get install libudev-dev
2. $ sudo apt-get install pkg-config

Downloading libusb-1.0.9 and libusb-compat-0.1.4

1. Download the .tar.gz for libusb-1.0.9 and libusb-compat-0.1.4.
2. libusb-1.0.9:
   - http://sourceforge.net/projects/libusb/files/libusb-1.0/libusb-1.0.9/
3. libusb-compat-0.1.4:
   - http://sourceforge.net/projects/libusb/files/libusb-compat-0.1/libusb-compat-0.1.4/
4. $ tar xvf ~/Downloads/libusb-1.0.9.tar.bz2
5. $ tar xvf ~/Downloads/libusb-compat-0.1.4.tar.bz2

Installing libusb-1.0.9

1. $ cd libusb-1.0.9/
2. $ sudo ./configure
3. $ sudo make install
4. Checking whether the install was successful or not
   - $ ls /usr/local/lib | grep libusb

Installinglibusb-compat-1.0.4

1. $ cd libusb-compat-1.0.4/
2. $ sudo ./configure
3. $ sudo make install
4. $ sudo ldconfig
5. Checking whether the install was successful or not
   - $ ls /usr/local/lib | grep libusb