

Installation Instructions

The Linux driver installation involves series of setup steps, which are outlined here with terminal commands.

Disclaimer: Some basic Linux programming skills are needed to install and use the Touch Device Driver software.

All Linux commands suggested here for the installation procedure is one way to accomplish the task. There are other commands to perform the same actions in Linux.

Step 1: Download the .tgz file and extract the folders. Once extracted there must be 2 main folders namely “bin and usr”.

Step 2: Copy **LibPhantomIOLib42.so** from <extracted driver folder>/usr/lib to /usr/lib

Step 3: In case the user does not have QT, please install QT using the command

sudo apt-get install qt5-default

Step 4: Connect the Haptic Device (USB interface Touch or Touch X). Use the “ListUSBHapticDevices” script in the extracted driver folder to find out which port the haptic device has been assigned.

>bash ListUSBHapticDevices

Set permission for each com port using the command

sudo chmod 777 /dev/ttyACM0 (ACM1, ACM2,ACM3 etc..)

Disclaimer: Every time user disconnects and re-connects the USB device or the system to which the device is connected goes into hibernation or sleep mode, the user needs to set read/write/execute (Chmod 777) permissions to the COM port.

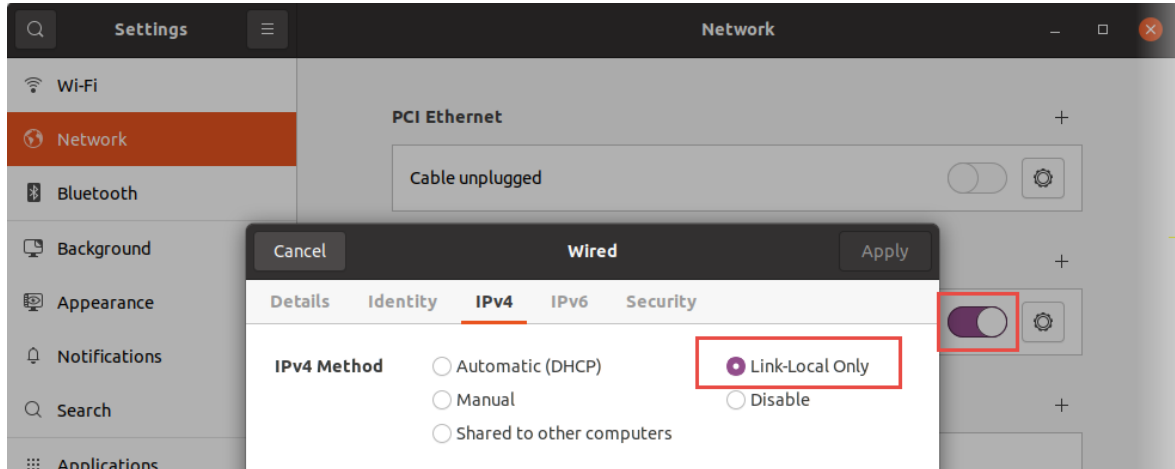
- or-

You may find it easier to add yourself to the “dialout” permissions group, which, on most systems, should give you access to com port devices without having to CHMOD each time.

sudo adduser YourUserName dialout

For LAN interface Touch or Touch X devices follow process below

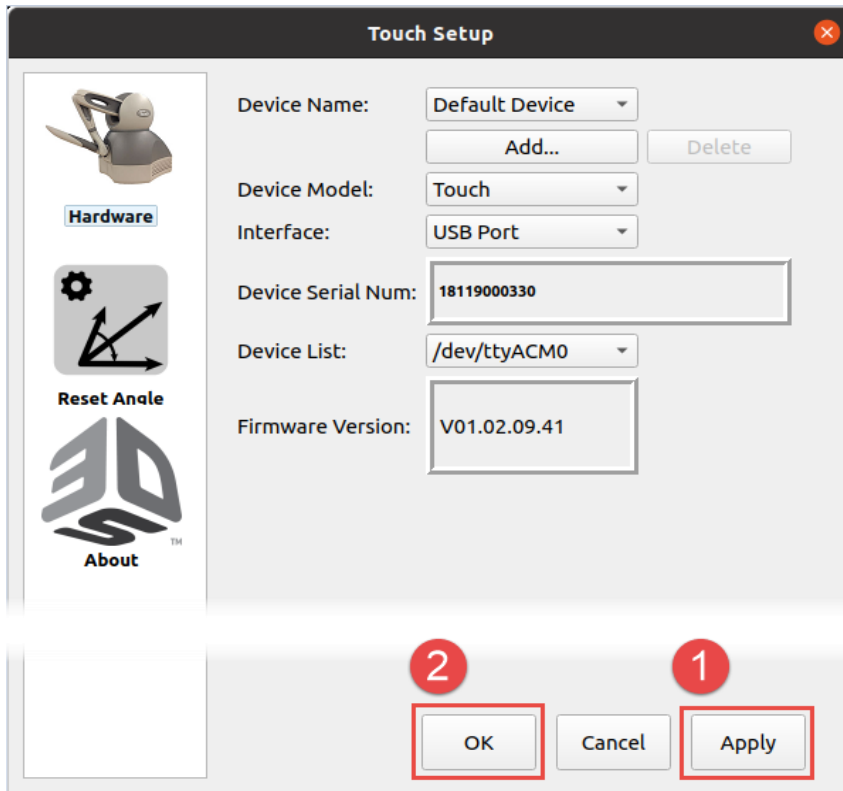
1. Connect LAN device
2. Go to **Settings > Network** > click on  next to the wired connection that Touch (X) is connected to
3. **IPv4** > select "**Link-local only**" > **Apply**



4. Power cycle (unplug and re-plug Touch (X)) power cord.

Step 5: Once the Ports have appropriate permission or the LAN devices are linked locally, users can now successfully run the Touch Setup and Touch Diagnostic applications.

Note: For Touch Setup and Touch Diagnostic operation, please refer to the Quick start guide or the Device user manual.



Click on Apply then OK.