

Getting Started with SmartUPS

Before Getting Started Ensure:

- Your Raspberry Pi has internet connection
- You have downloaded and extracted the SmartUPS.tar.gz file
 - Download from: http://www.mindsensors.com/index.php?controller=attachment&id_attachment=126
- Your SmartUPS has working batteries

Installing Drivers and Related Files

- Navigate to extracted SmartUPS directory
- Type ls into terminal to make sure you have the following files:
 - install-smartups.bash
 - OEMessage.bash
 - SmartUPS
 - SmartUPS.cfg
 - SmartUPS.sh
 - SmartUPS.so
 - uninstall-smartups.bash
 - upspanel
- Type command to begin install (or update):
 - sudo ./install-smartups.bash
- Wait patiently**, for install can take up to ten minutes to complete depending on previous Raspberry Pi configuration and your internet speed.
- Reboot Raspberry Pi

Preconfigured Raspbian Wheezy image

Instead of installing drive and related files, you can download the preconfigured Raspbian Wheezy image from following URL and create your SD card with it:

<http://www.mindsensors.com/largefiles/raspbian-wheezy-with-smartups.zip>

alternately, you can download this image directly as:

```
wget http://www.mindsensors.com/largefiles/raspbian-wheezy-with-smartups.zip
```

To setup SD card, follow instructions from http://elinux.org/RPI_Easy_SD_Card_Setup (refer to 'Create your own' section).

Updating Drivers and Related Files

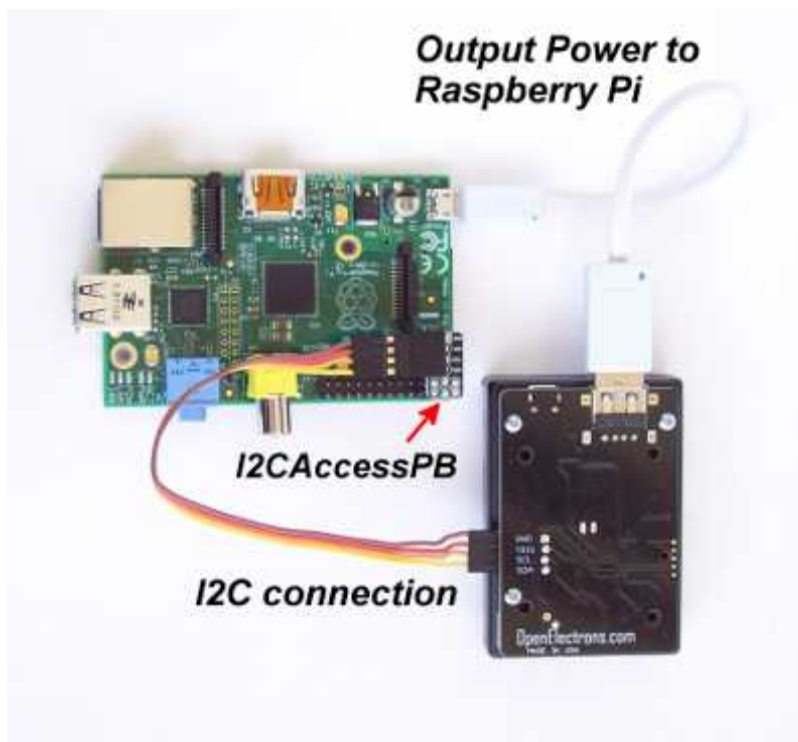
- Close upspanel if it is open.
- Follow instructions for Installing Drivers and Related Files
- Don't worry**, wait time will be much shorter than first install.

Connecting Power

- Connect USB cable to micro-USB port of SmartUPS for input power.
- Connect USB cable to USB port of SmartUPS for output power.
- Connect other end of output power micro-USB cable to Raspberry Pi.

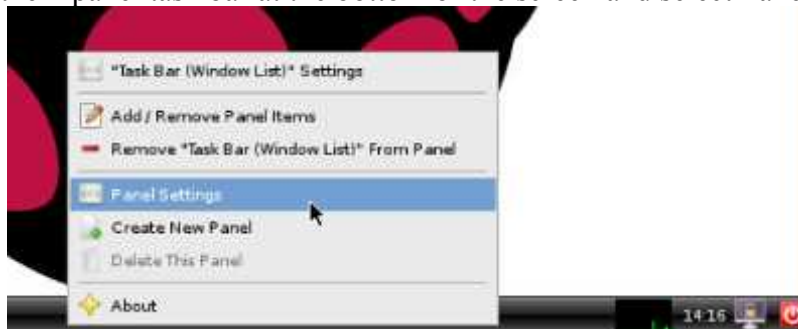
Connecting I2C

- Connect I2CAccessPB onto GPIO pins.
- Insert male end of I2C cable to I2CAccessPB with arrow (brown wire) to GND.
- Break tab over SmartUPS I2C pins.
- Connect female end of I2C cable to SmartUPS I2C pins with arrow (brown wire) to GND.

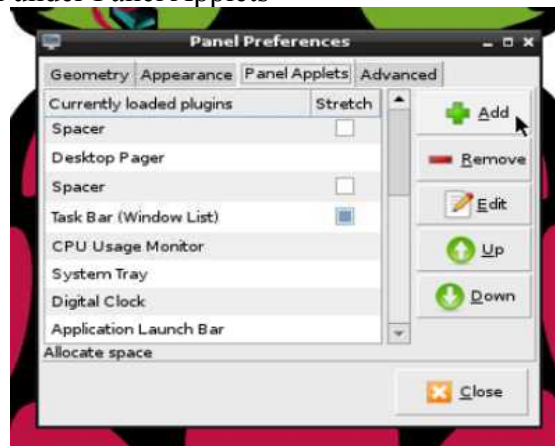


Adding Plugin to lxpanel

- Right click the lxpanel task bar at the bottom of the screen and select Panel Settings



- Left click Add button under Panel Applets



- Select SmartUPS plugin and left click Add button



- Close Panel Preferences
- Task bar should have text icon displaying the status of your SmartUPS



Running upspanel

- Left click the text icon displaying the status of your SmartUPS
- upspanel will open in a few seconds.