1. Flash SD card with Isaac-Ros Image and insert into the Jetson. Power on the device no
2. Setting up SPI

* In opt/nvidia/io-config:
* Call sudo python3 io-config.py
  + Select options to activate spi1 and I2S
* Verify by calling sudo python3 io-config-by-pins.py
* Call sudo modprobe spidev

1. If you have issues with dev/ttyUSB0, you may need to call sudo apt remove brltty
2. Setting up Astra Camera
   * First set up the Docker container and download the ros\_astra\_camera repo
   * Follow the instructions at <https://github.com/satomm1/ros_astra_camera> **except that the following lines should be run outside of the docker container:**

./scripts/create\_udev\_rules

sudo udevadm control --reload && sudo udevadm trigger

1. Connect the corresponding SPI pins on the header to the SPI pins on the MCU control board