sudo apt-get install chromium-browser

sudo apt-get install python3-setuptools

sudo apt update

sudo apt install python3-pip

pip3 install imutils

#pip3 install nanocamera

git clone https://github.com/thehapyone/NanoCamera

cd NanoCamera

sudo python3 setup.py install

#pip3 install --user pyqt5

sudo apt-get install python3-pyqt5

sudo apt-get install pyqt5-dev-tools

sudo apt-get install qttools5-dev-tools

qtchooser -run-tool=designer -qt=5

#pyuic5 -x filename.ui -o filename.py

sudo apt-get install mysql-server

sudo mysql\_secure\_installation

Y-> pass:mysql

sudo mysql -u root -p

pass: mysql

#show database;

CREATE USER 'vqbg'@'localhost' IDENTIFIED BY 'vqbg123!';

GRANT ALL PRIVILEGES ON \*.\* TO 'vqbg'@'localhost';

exit;

sudo mysql -u vqbg -p

pass: vqbg123!

CREATE DATABASE CAMERA\_PAPER;

exit;

# Bảng dữ liệu phần mềm sẽ tạo ra khi khỏi động SETTING\_DATA\_2

# USE CAMERA\_PAPER;

# SELECT \* FROM SETTING\_DATA\_2;

pip3 install mysql-connector

sudo apt install libcanberra-gtk-module libcanberra-gtk3-module

sudo /opt/nvidia/jetson-io/jetson-io.py

pip3 install pymodbus

# cai dat ip jetson nano

nmcli connection show

ip link show

nmcli connection add type ethernet ifname eth0 con-name my-eth0

nmcli connection modify my-eth0 ipv4.addresses 192.168.1.100/24

nmcli connection modify my-eth0 ipv4.gateway 192.168.1.1

nmcli connection modify my-eth0 ipv4.dns 8.8.8.8

nmcli connection modify my-eth0 ipv4.method manual

sudo systemctl restart NetworkManager

nmcli connection up my-eth0

ip addr show eth0

#Cai dat audio HDMi

sudo apt-get install pulseaudio

sudo apt-get install pavucontrol

pavucontrol

# cai pycuda

export PATH=/usr/local/cuda/bin:$PATH

cat /usr/local/cuda/version.txt

nvcc --version

pip3 install pycuda

/usr/src/tensorrt/bin/trtexec --onnx=mobilenetv2-12.onnx --saveEngine=model\_32.trt

Install IMX477

wget https://github.com/ArduCAM/MIPI\_Camera/releases/download/v0.0.3/install\_full.sh

chmod +x install\_full.sh

./install\_full.sh -h

./install\_full.sh -m imx477

Supported modules:

imx219

imx477\_v3link

imx219\_v3link

imx477\_stereo

arducam

imx477\_master\_slave

imx519

imx708\_v3link

imx477

imx708

imx519\_v3link

imx230

imx298

git clone https://github.com/ArduCAM/MIPI\_Camera.git

sudo apt install python-smbus