Cv-bridge

It is a package to convert camera image(video feed) from simulation environment which are published onto a ros topic to usable form for cv purposes.
A world file with a drone attached with a camera is already there and it is publishing to webcam/image_raw topic. Clone iq_sim package also from the darknet_ros tutorial.
I am using python3 and it works with opencv >2.5

Installation

You need ros plugins for gazebo inorder to publish sensor messages to ros nodes.

sudo apt install ros-melodic-gazebo-ros ros-melodic-gazebo-plugins

Install these prerequisite packages with : sudo apt-get install python-catkin-tools python3-dev python3-numpy
sudo apt-get install python3.7-dev

Uninstall your existing opencv and install via
pip3 install opencv-contrib-python

cd catkin_ws
catkin config -DPYTHON_EXECUTABLE=/usr/bin/python3
-DPYTHON_INCLUDE_DIR=/usr/include/python3.6m
-DPYTHON_LIBRARY=/usr/lib/x86_64-linux-gnu/libpython3.6m.so
catkin config --install

cd src
git clone -b melodic https://github.com/ros-perception/vision_opencv.git

Now type: apt-cache show ros-melodic-cv-bridge | grep Version
  Output will be something like this: Version: 1.13.0-0bionic.20200320.133849
Note the version 1.13.0
cd src/vision_opencv/
git checkout 1.13.0 (Your version)
cd ../../

catkin build cv_bridge

source install/setup.bash --extend (This one you have to run every time before you going to run codes with cv_bridge or add the appropriate path in your .zshrc)

Now to check if everything is correctly installed:
Type python3 in terminal and
>>from cv_bridge.boost.cv_bridge_boost import getCvType
If this doesn't give any errors you are good to go.

Tips

I am attaching a sample program to convert video and display using imshow()
In that code i subscribed from /webcam/image_raw . Change that topic name to get images from the desired topic.

http://wiki.ros.org/cv_bridge/Tutorials/ConvertingBetweenROSImagesAndOpenCVImagesPython
For more information.