배지터 현황

진행상황

Remote PC
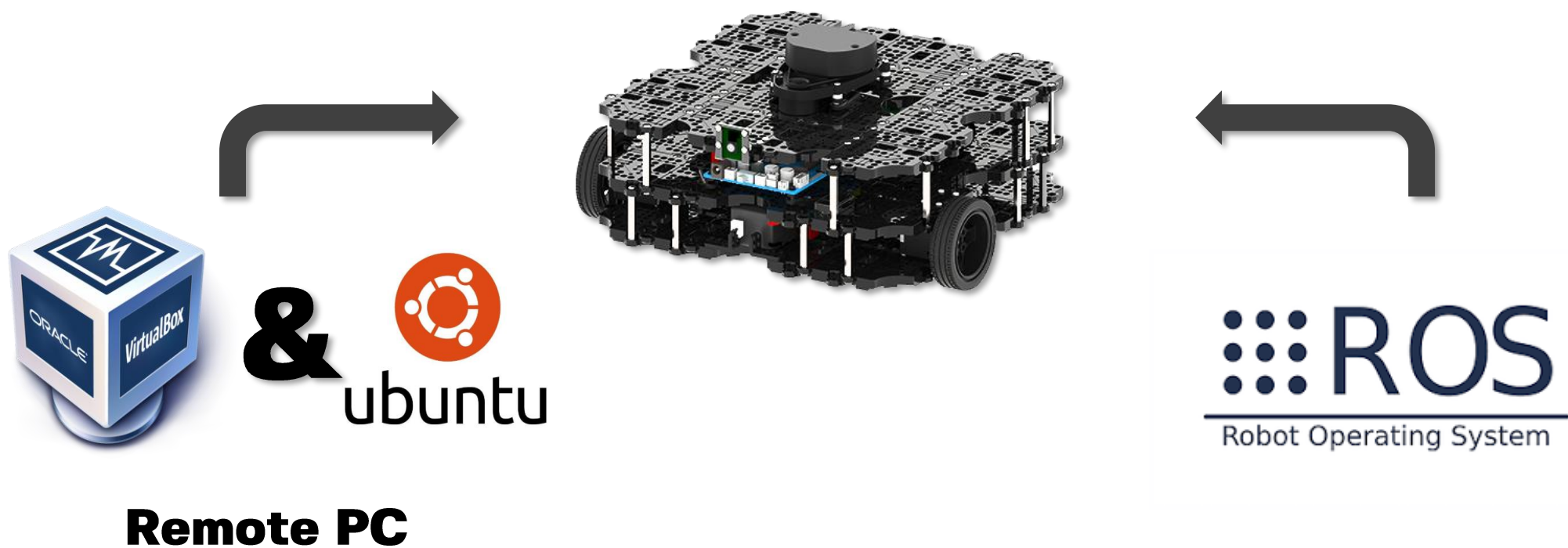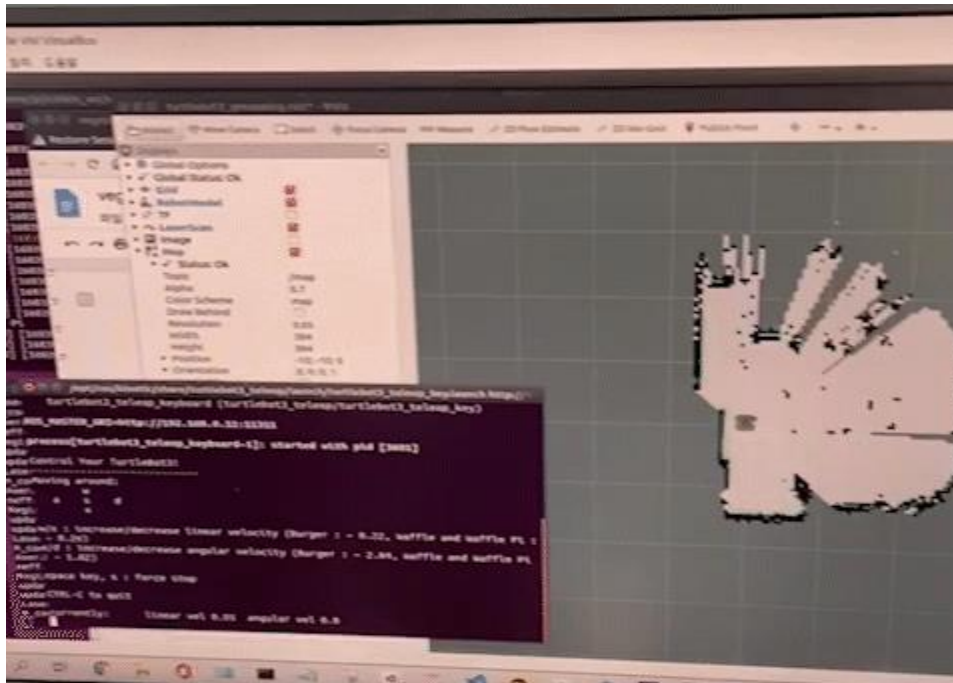
TELEOP

```
# roslaunch
# turtlebot pc
$ roslaunch turtlebot3_bringup turtlebot3_robot.launch

# remote pc TELEOP
$ export TURTLEBOT3_MODEL=waffle_pi
$ roslaunch turtlebot3_teleop turtlebot3_teleop_key.launch
```


\<Remote PC\>

SLAM

```
# remote pc TELEOP
export TURTLEBOT3_MODEL=waffle_pi
roslaunch turtlebot3_slam turtlebot3_slam.launch
slam_methods:=gmapping

# save map
rosrun map_server map_saver -f ~/map
```
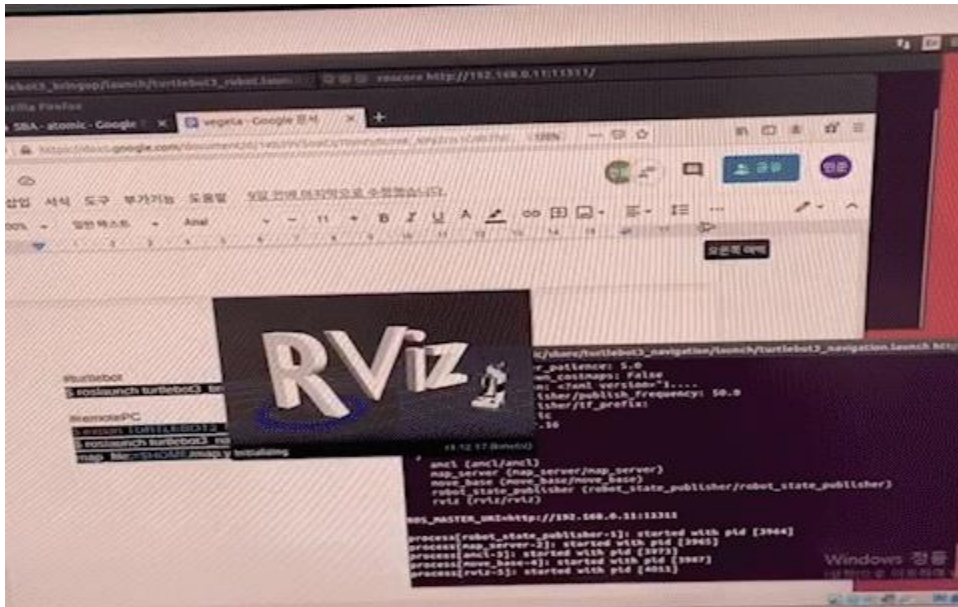

\<Turtlebot\>

NAVIGATION

```
#remotePC
$ rescore

#turtlebot
$ roslaunch turtlebot3_bringup turtlebot3_robot.launch

#remotePC
$ export TURTLEBOT3_MODEL=waffle_pi
$ roslaunch turtlebot3_navigation turtlebot3_navigation.launch
map_file:=$HOME/map.yaml
```
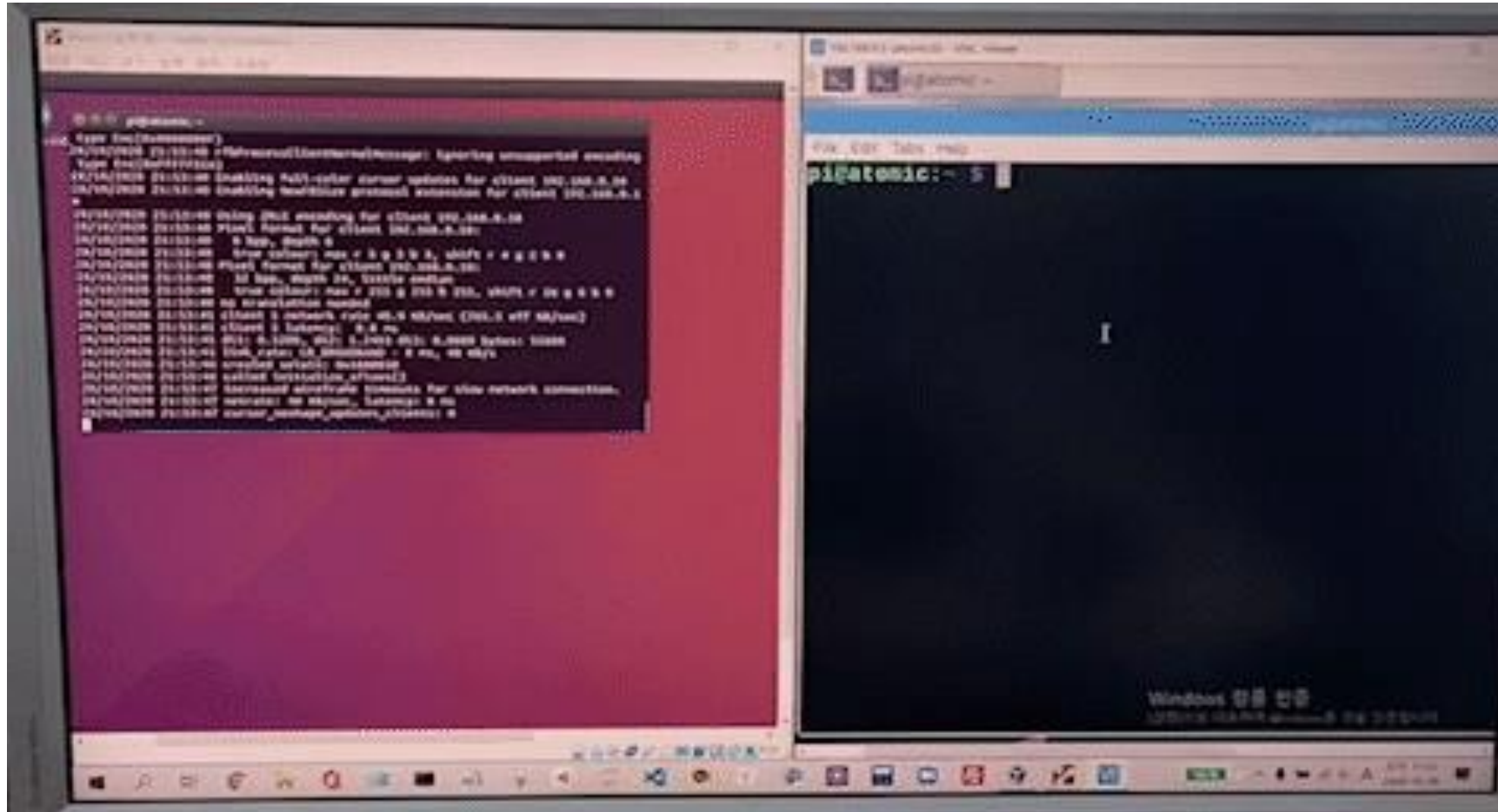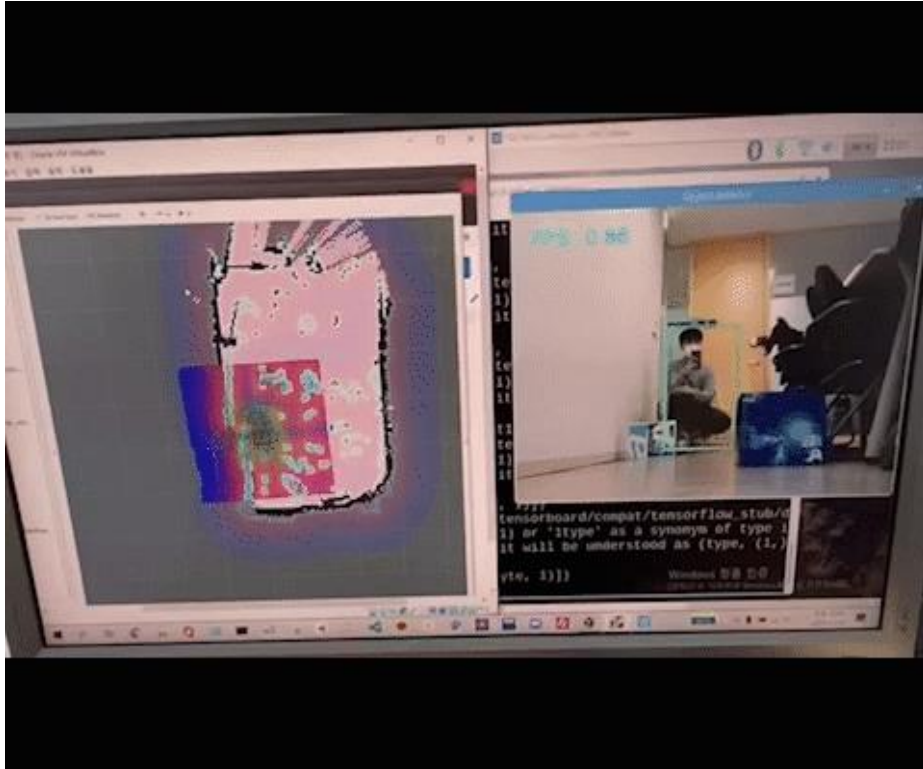

<Remote PC>

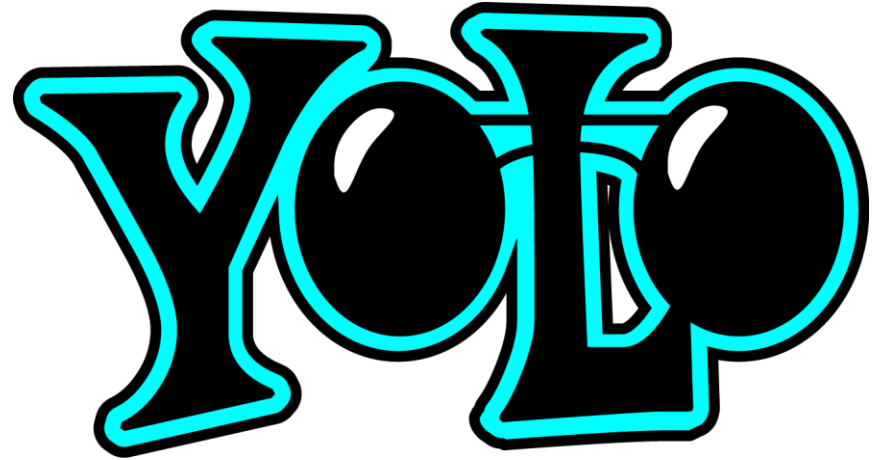**<Turtlebot>**

Object_Detection

COMPLETION

\<Remote PC\>

\<Turtlebot\>

Error

Raspberry Pi 3+ RAM이 1G여서 원하는 모델을 구동시키기에는 부족함

Error

OpenPose
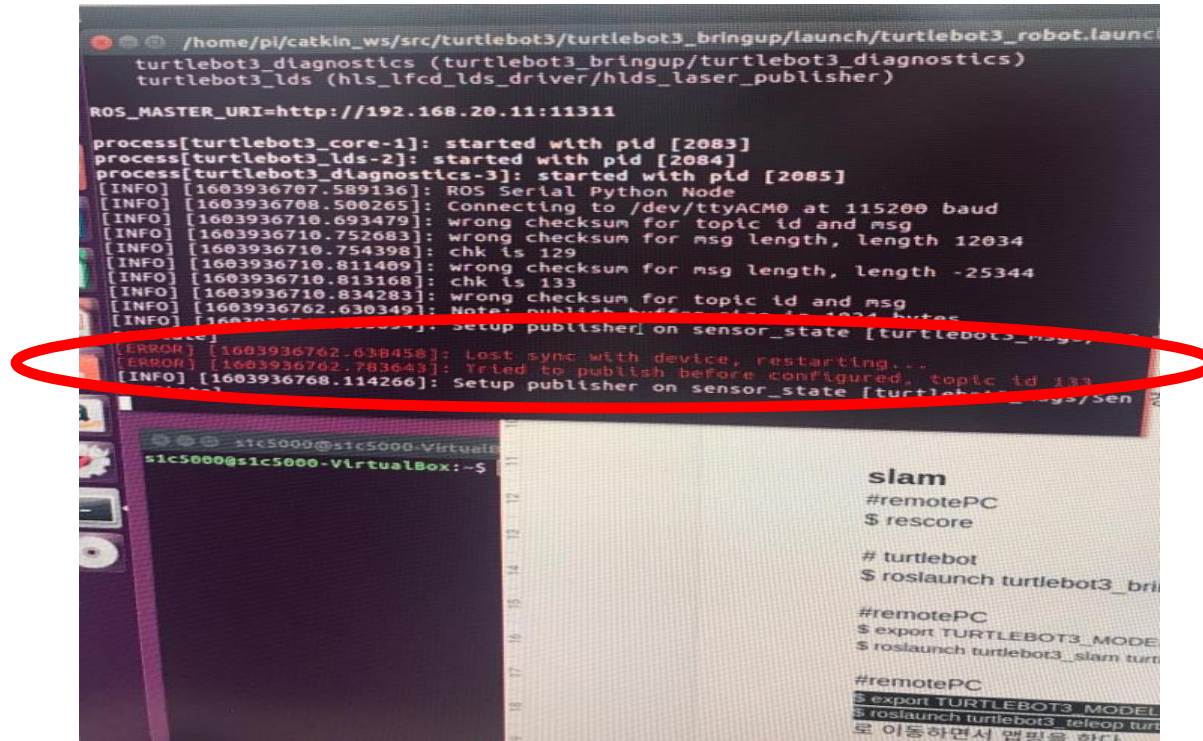

YOLO

다른 모델들은 Raspberry Pi 3+ 환경에서 작동되지 않거나 적절치 않아 사용 불가

Difficulty

Raspberry Pi 3+ 사양이
낮아 SD카드가 고장남

Difficulty

인터넷 연결이 끊기거나 느려 구동에 큰 영향을 끼침

감사합니다