

(4)

For this Task I created two ROS nodes which is a “publisher” and another one is a “subscriber” node where publisher node publishes video feed from an rtsp server (In this case I used through My phone Camera) and the subscriber node subscribes to the topic and displayed the video feed using OpenCV. Also I installed Open CV_bridge for this task in my Ubuntu 22.04 version.

Here’s the Code of the Video_Publisher node:

https://github.com/KraKE-bit/ALTAIR_RECruit/blob/main/Week-3/ROS_Tasks/src/my_robot_controller/my_robot_controller/video_publisher.py

Here’s the Code of the Video_Subscriber node:

https://github.com/KraKE-bit/ALTAIR_RECruit/blob/main/Week-3/ROS_Tasks/src/my_robot_controller/my_robot_controller/video_subscriber.py

Here’s the Link of the video of the “Video Feed”:

https://drive.google.com/file/d/181aiL0Utkr_vQjFR-fpeOkAmtJfTJLL9/view?usp=sharing