Hardware Interface

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ROS Starter Kit
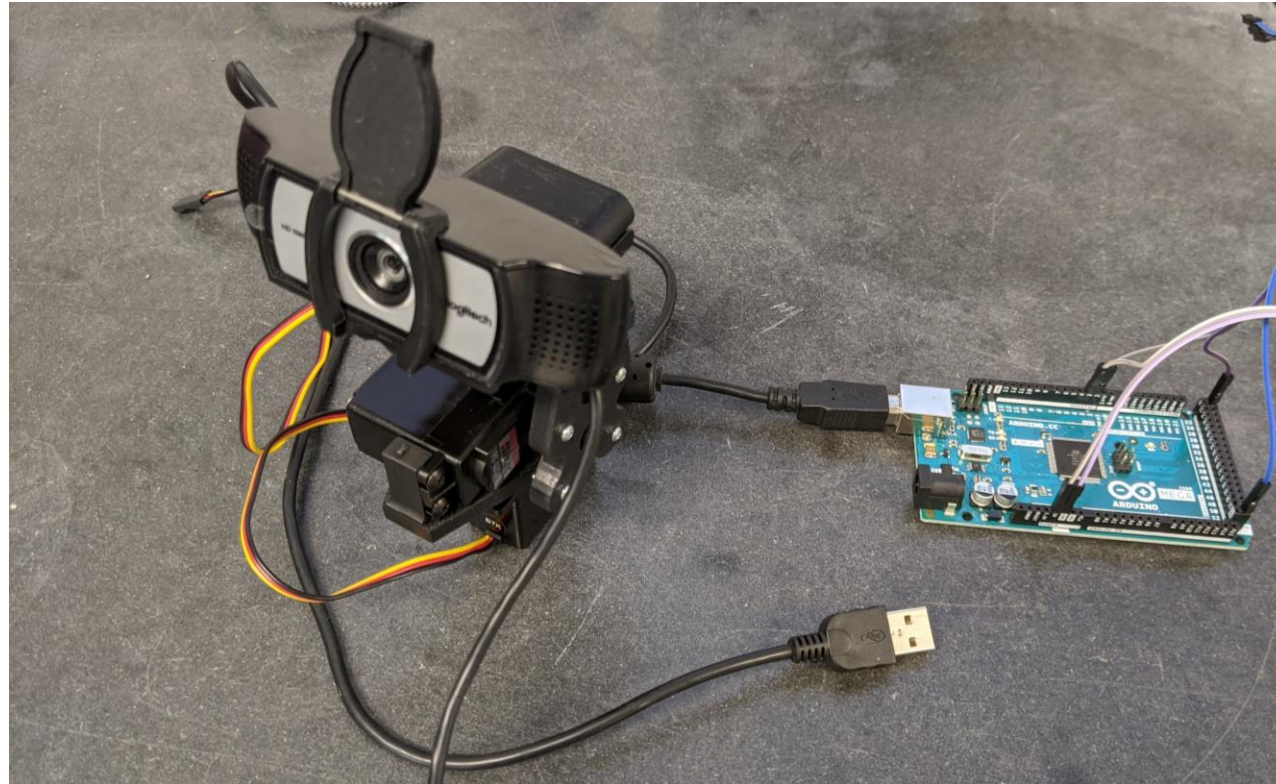
Components

Component	Specs
Microcontroller	Arduino Uno
Dupont wire	Male to female (20) Female to female (20) Male to male (20)
Pan/tilt unit	Actobotics
USB-A cable	2.0 male to male
Webcam	HD
Servomotor	HS-485HB
Gamepad	Logitech F310

Integrated Kit

Homework

- Video-record the play of the rosbag created in Step 17 (Recording and playing back data) for 5 seconds in mp4 format and upload it.

- Video-record the streaming of webcam (or onboard camera) image on RVIZ for 2-3 seconds in mp4 format and upload it.