User: OptiTrack

Password: Password1

Troubleshooting:

* Make sure power strip is on
* DON”T POWER OFF COMPUTER, Restart the computer if you’re having issues with the camera.

Startup:

* Open “Motive” application
* Left panel has all the cameras in it.
* To Calibrate:
  + OptiWand CW-500
  + “Mask Visible”-- actually hide all the markers in the room to do this
  + I forgot the step after this but it’s the button next to the one above. From here you take the Optiwand thing and “paint” around the room with it to get a calibration read.
* View>Rigid Body Defaults
  + Associates a couple markers with a body to track
  + This is the menu which allows you to edit things about your object of interest/ the object you’re trying to get data on.
* Pulling in Data in MATLAB
  + View>Stream Data
  + Advanced network: up axis is Y Up, and ports should be 1510 and 1511.
  + VRPN broadcasting data and VRPN Broadcast Port: 3883
  + MATLAB Script files will stream data from the OptiTrack software altogether.

Tougher aspects of OptiTrack:

* ssh odroid@IPaddress password: odroid (linux) cmd: whoami
* Command: rostopic list