

POTC Meeting Agenda, February 12, 2014, 11:45 AM

Alex Wentzel

Minutes: Jack Moore

Raspberry Pi: We have video streaming, at 10 fps, only a second behind, using a program called Motion. However, it gets slower if someone else accesses the feed online. Also, the feed can only be viewed via SDNet, which is not ideal, and most likely due to router settings. We have a USB cable for 5V, 1.2A.

Video Processing: We found algorithms for contour and blob detection. For right now, using a program called VIDLE for programming. We plan for the design review to show that the program can detect simple motion, although possibly more since it got moved back.

Action Items: Find demonstration time, fix problems with the video streaming, which involves finding out what the choke point is that's slowing down the stream online. Start writing the python code, with the goal being that we have simple detection by next week. Select fixed design review time.