

Exp-Pro Testing Specification

Purpose: Test the [Explorer-Pro Gateway](#) using the default options.

Requires:

1. Raspberry Pi.
 - a. Running either Stretch or Buster.
 - b. All necessary Python packages loaded.
 - c. [Pimoroni Exploror-Pro](#)
2. Test Fixtures:
[ExpProGui](#).

Procedure:

1. Run exp1.csv using the Banyan Launcher
2. Run all features in GUI.
3. Check coverage report to confirm that all expected lines of code were executed.

Special Note: Digital input is not instrumented for some reason by coverage. Somehow, the Pimoroni library masks the execution from coverage. Checking the 4 digital inputs manually, they do work.