**Test Objective/Description:** Target Accuracy & Range

**Location:** Fleming Lab

**Date:**

**Hardware Needed:** Fleming Lab, Computer, FLiR, Guidance, measuring tape

**Procedure:**

Connect the FLiR Sensor to the Odroid and power it on.

Place a target at a measured distance from the camera.

Use Guidance to provide stereo images to tracking algorithm.

Record images of the target using the FLiR Sensor.

Get the range estimate of the target from the image.

Along with the distances, the test should also roughly verify the azimuth and elevation of the target.

Repeat the test by placing the target at different places and locations.

Verify result with the physically measured distance and location.

**Requirements Met**

|  |  |
| --- | --- |
| **8.3.1** |  |
| **8.3.2** |  |
|  |  |
|  |  |

**Test Anomalies**

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

**Test Results:**