

Version 1.0.0

Overview

This lab demonstrates the use of TI mmWave sensors to count and track multiple people simultaneously when the sensor is mounted overhead. Using the IWR6843 ES1.0 ODS, detection and tracking algorithms run onboard the device to localize people and track their movement with a high degree of accuracy. The algorithms are also set to ignore static objects such as desks or chairs, as well as detect if each tracked person is standing or sitting. The lab runs on the TI mmWave IWR6843 ES1.0 ODS.

Features

The following features are supported:

- Supports IWR6843 ES1.0 ODSISK device.
- Detects and Tracks up to 3 People in the environment
- Detects stance of the Target
- GUI displays point cloud and tracking information

New and Updated Features

The following features are new or updated in this release: Project Source Files

- New lab for Overhead tracking and Stance detection

Resolved Incident Reports

The following are Incident Reports resolved in this release:

- N/A

Known Issues

The following are Known Issues in this release:

- N/A

Work Arounds for Major Known Issues

The following are workarounds for each known issue with a major severity that exists in this release:

- N/A

Limitations

The following is a list of known limitations for this release that were known at the time of release:

- N/A