Version 1.2.0

Overview

This lab demonstrates the use of TI mmWave sensors to count and track multiple people simultaneously. Using the IWR6843ISK, 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. The lab provides full source code and a CCS project and runs on the TI mmWave sensor IWR6843ISK.

Features

The following features are supported:

- Supports IWR6843ISK device.
- Detects and Tracks up to 20 People in the environment
- Filters out clutter such as chairs and tables.
- GUI displays point cloud and tracking information
- Supports mmWave SDK 3.3.0.1
- Live tuning available for both the detection layer and tracking layer
  - Tune CFAR and Enable/Disable static clutter removal at runtime
  - Tune GTrack parameters at runtime

New and Updated Features

The following features are new or updated in this release:

- Supports mmWave SDK 3.3.0.1 and IWR6843 ES2.0 Devices

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