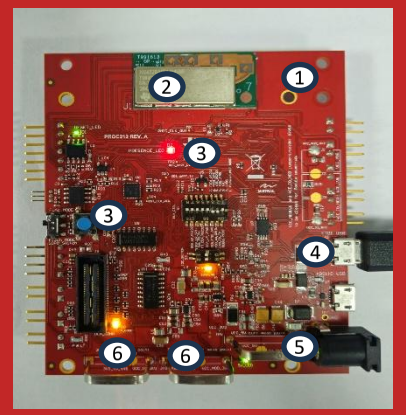
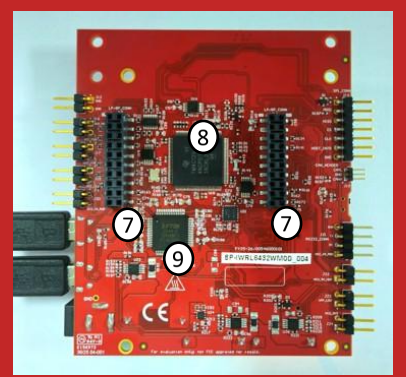
BP-IWRL6432WMOD EVM Quick Start Guide

BP-IWRL6432WMOD Evaluation Module

Industrial mmWave module evaluation board
PART NO. BP-IWRL6432WMOD





Top View

1. Evaluation module for easy evaluation and debugging capabilities
2. FR408HR based IWRL6432WMOD with shielding, pre-certified (FCC,RED,TELEC) and 3D detection capabilities
3. Reset,PRESENCE Detect LED
4. USB powered
5. Power Jack for External 5V Power
6. Standardized current loop for hall effect sensor based easy current measurements

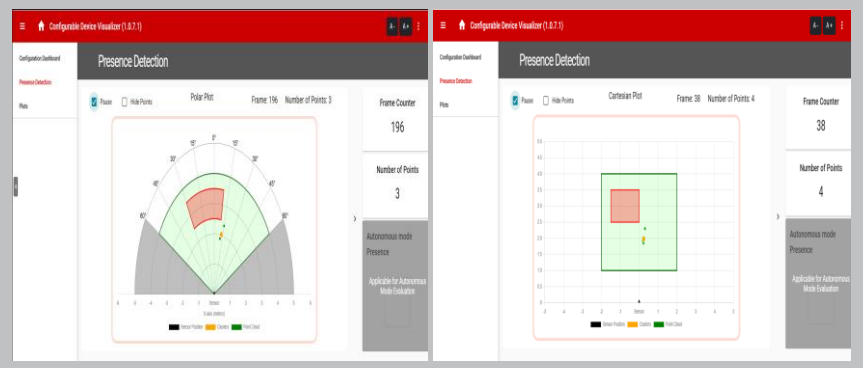
Bottom View

7. Launchpad BoosterPack Connectors
8. XDS110 for UART connectivity
9. FTDI for SPI, UART, GPIO interface to host

Jump start your design

Get started at
ti.com/tool/BP-IWRL6432WMOD

BP-IWRL6432WMOD Simplified out-of-box demonstration

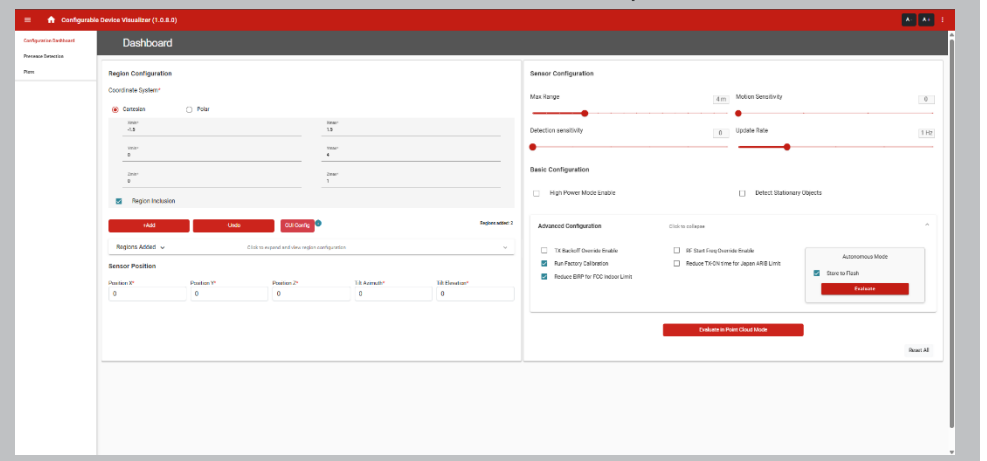


- Region of interest configured in Polar or Cartesian Co-ordinates system
- Presence detection (Green) in the configured region of interest
- Exclusion regions configuration (Red) in configured region of interest

Find more details on the mmWave uDFP Documentation on
www.ti.com/product/IWRL6432WMOD
Find more demonstrations of mmWave sensors for various applications and easy to use hardware reference designs

Radar toolbox
https://dev.ti.com/tirex/explore

BP-IWRL6432WMOD demonstration with simplified visualizer



Simplified Configuration in visualizer

- Simplified slider based configurations
- Simplified Sensor Configuration - Max Range, Sensitivity and Update Rate
- Advanced configurations for advanced users

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