

WSN (Wireless Sensor Network) Starter Kit



The Wireless Sensor Network (WSN) demo platform is a flexible, modular system for evaluating all aspects of a WSN. It offers both an out-of-the-box demonstration system, and can also be used as a development platform. It contains all of the hardware and software necessary to implement a plug-and-play WSN. The software included with the WSN-9791 helps to quickly configure your sensor network and extract, analyze, and present your measurement data.

Features

- » Two Multi-Sensor Node Boards which include the following components
- » ADuCRF101 Integrated TRx + ARM Cortex M3 MCU
- » ADT75 Temperature Sensor
- » ADXL362 Ultra-low Power Triple Axis Accelerometer
- » Humidity & Temperature Sensor (Sensirion SHT21)
- » Photodiode + Ambient Light Sensor (Avago APDS-9005)
- » Passive Infrared Sensor (Panasonic EKMB1201112)
- » ADP160 Power Management device
- » CR2032 Coin cell battery
- » Form factor: 60mm x 33mm (2.4" x 1.3")
- » One Gateway Node
- » ADuCRF101 Integrated TRx + ARM Cortex M3 MCU
- » One Emulator Platform for development and debugging