

## MEAS WIRELESS SENSOR TAG DEMO V1.1

Standard 2.4GHz Wireless Communication Tag

Humidity: 0 - 100% RH

Temperature: -20°C to +85°C

Pressure: 300 to 1,200mBar

iOS, Android™ and Windows® PC Compatible

The sensor tag demo V1.1 reports humidity, temperature and barometric pressure through a standard low power 2.4GHz wireless communication protocol.

It is based on the MEAS low power digital component sensors HTU21D(F) for RH/T (datasheet HPC199) and MEAS ultra-compact micro-altimeter MS5637 (datasheet DA5637-02BA03).

The mobile application is available for free download using the Google Play™ Store for Android™ or the App Store for iOS. It will turn your smart phone or tablet into a display and datalog terminal. Refer to the WPC001 for installation guideline and user manual.

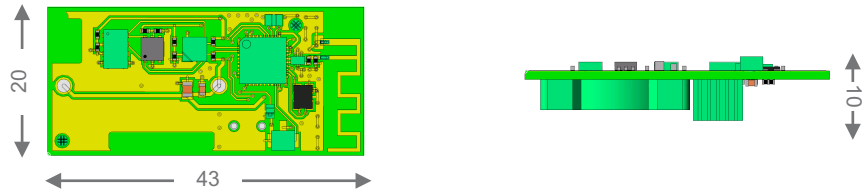
An optional USB dongle is available to connect the sensor tag to your personal laptop. Refer to the WPC002 for Windows application installation.

The tag has been designed for an expected life time of 1 year on a standard CR2032 cell battery at one acquisition per second.



### Applications

- Medical Sensors
  - » Heart Rate, Respiratory Rate
  - » Blood Pressure, Body Temperature
  - » Oxygen Concentration (SPO<sub>2</sub>)
- HVACR
- Weather Station

Dimensions (mm)



Ordering Information

Description	Part Number
BLE Sensor Tag Demo for use with free Android or iOS application.	WPP100B001 
BLE Sensor Tag Demo for use with USB dongle Key for Windows PC.	WPP109B001 

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