

MEAS SENSOR TAG APP— INSTALLATION GUIDE FOR ANDROID™



This document describes the installation of the Measurement Specialties sensor tag application for Android™ devices.

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ANDROID is a trademark.

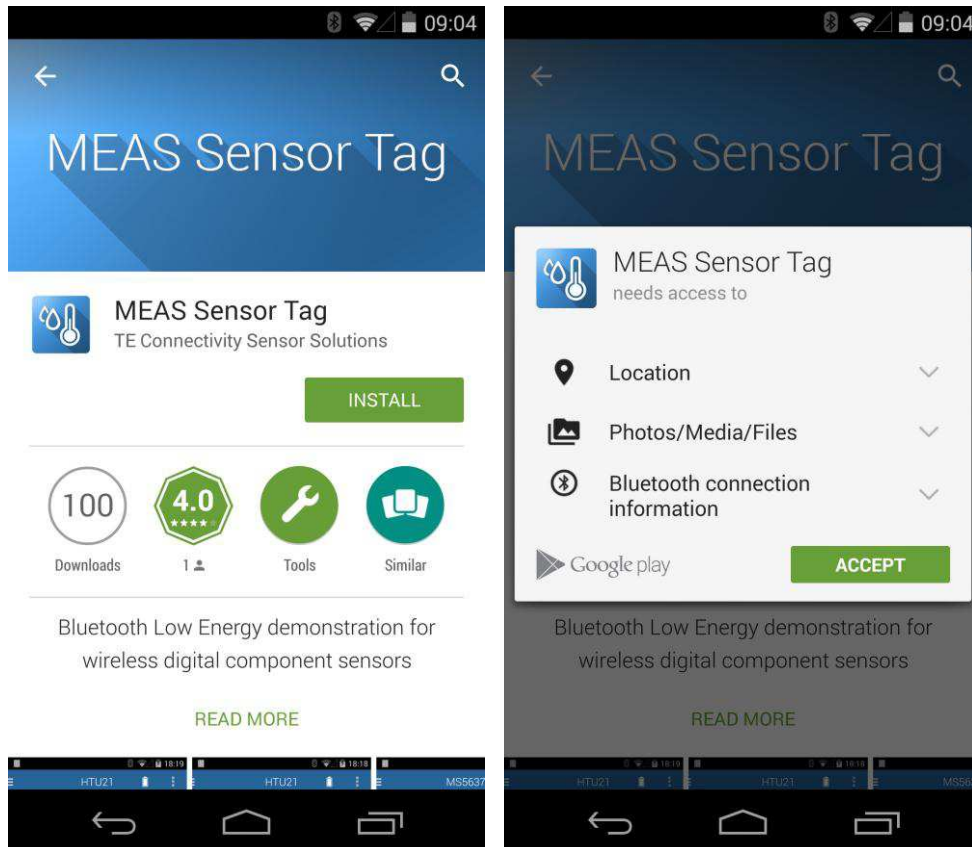
1 INSTALLATION

1.1 Prerequisite

- ◆ MEAS sensor tag
- ◆ Android™ 4.3+ device

1.2 Download Application

Open the Google Play™ Store and look for “Measurement Specialties” or “MEAS sensor tag”:

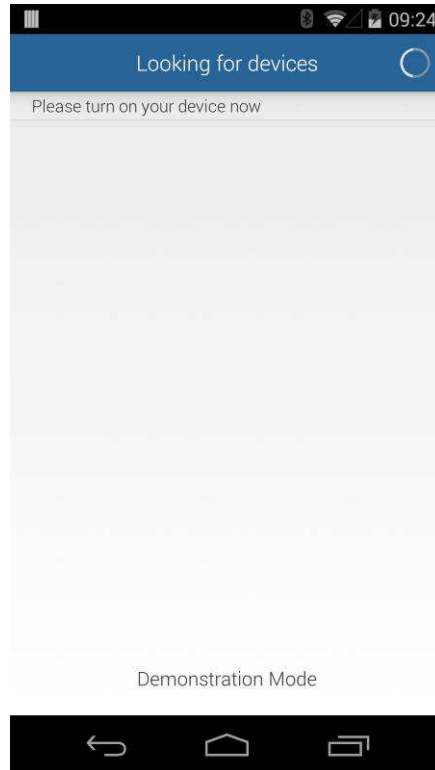


The application requires access to Bluetooth wireless technology and also storage and network communication for data logging purpose. Click on “ACCEPT” in order to authorize the application permissions and go through the installation process.

2 MEAS SENSOR TAG SOFTWARE

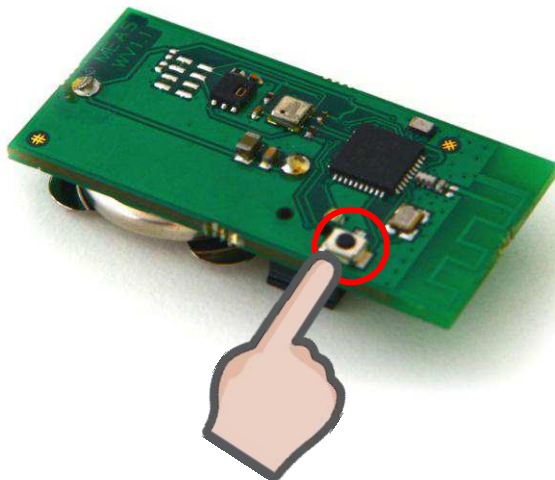


Look for the MEAS sensor tag icon on your smartphone and launch the application



2.1 Sensors measurement

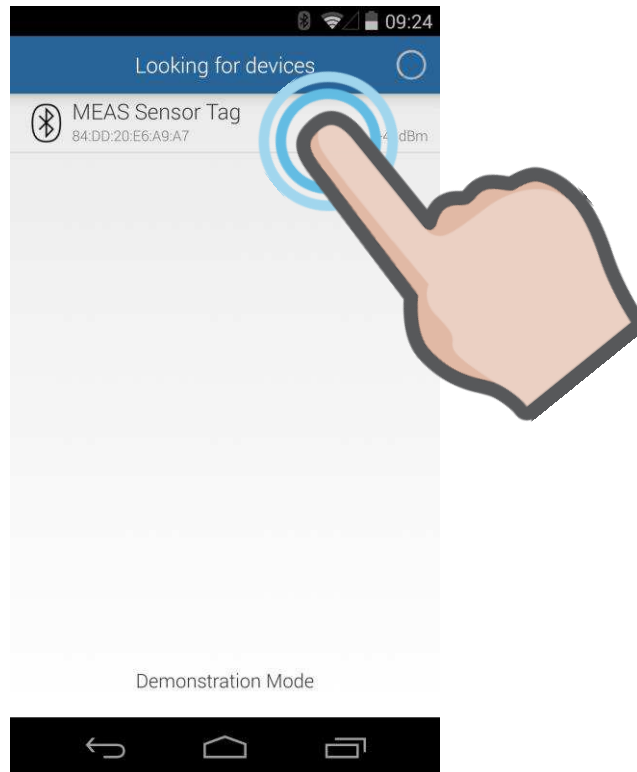
Press the push button located on the sensor tag board, the LED will blink in order to let you know that it is ready to accept a connection.



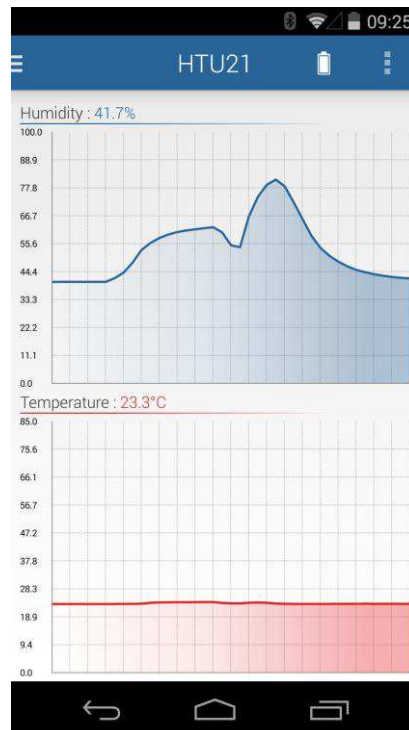
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You can now select your device in the application discovery list.



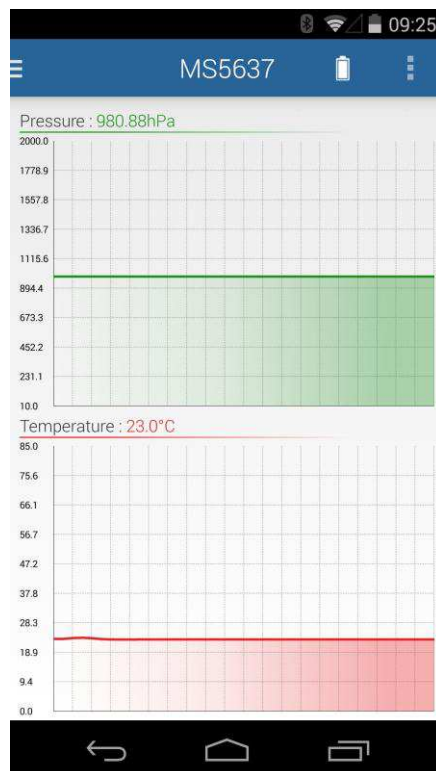
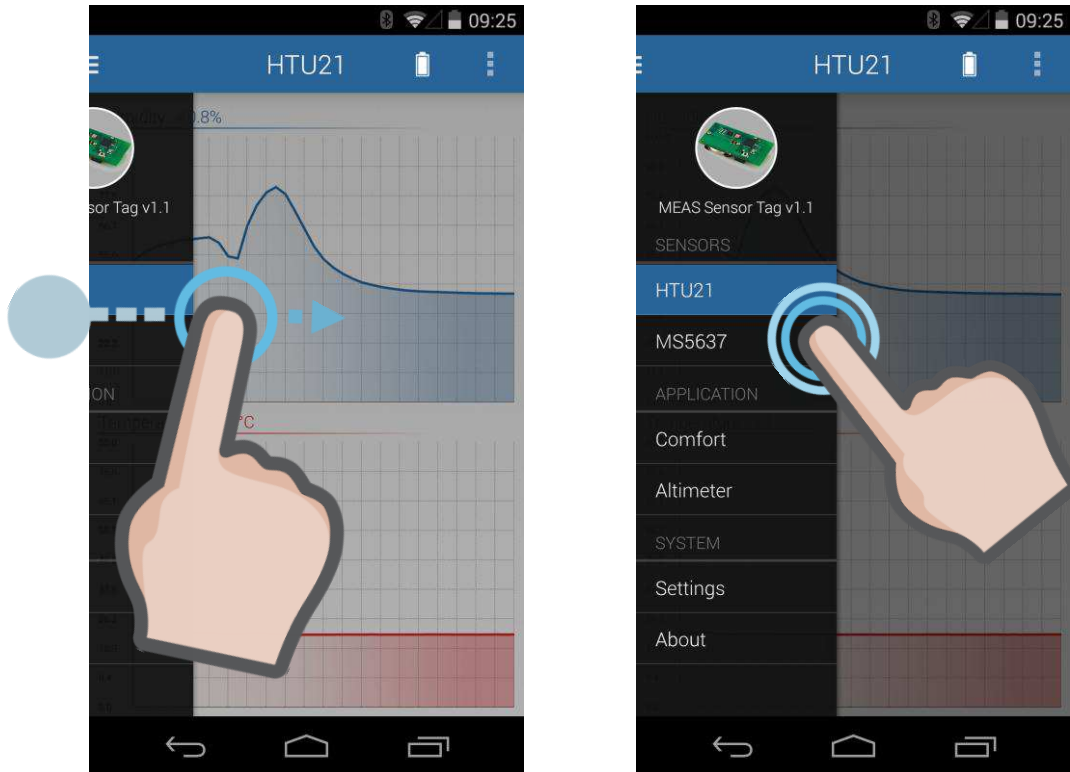
The MEAS sensor tag board will transmit one sample per second for each sensor and show sensor data on a scrolling graph.



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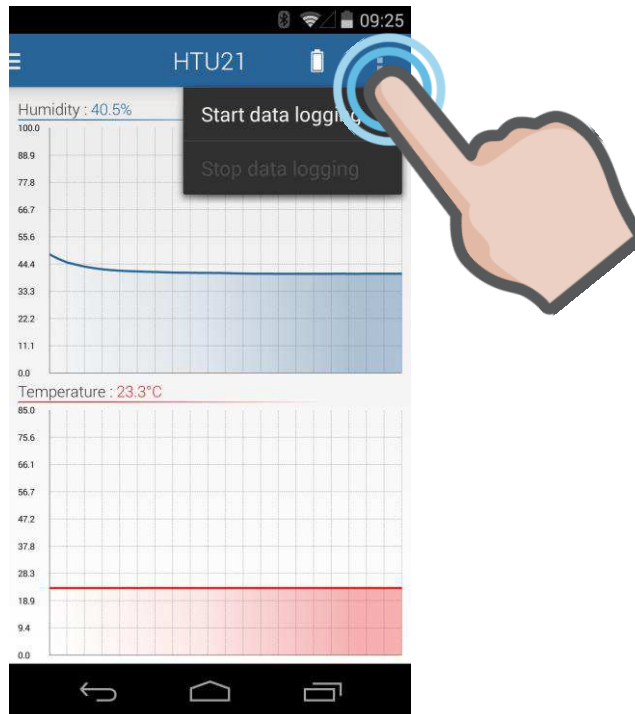
Use the navigation drawer in order to select other sensors when available.



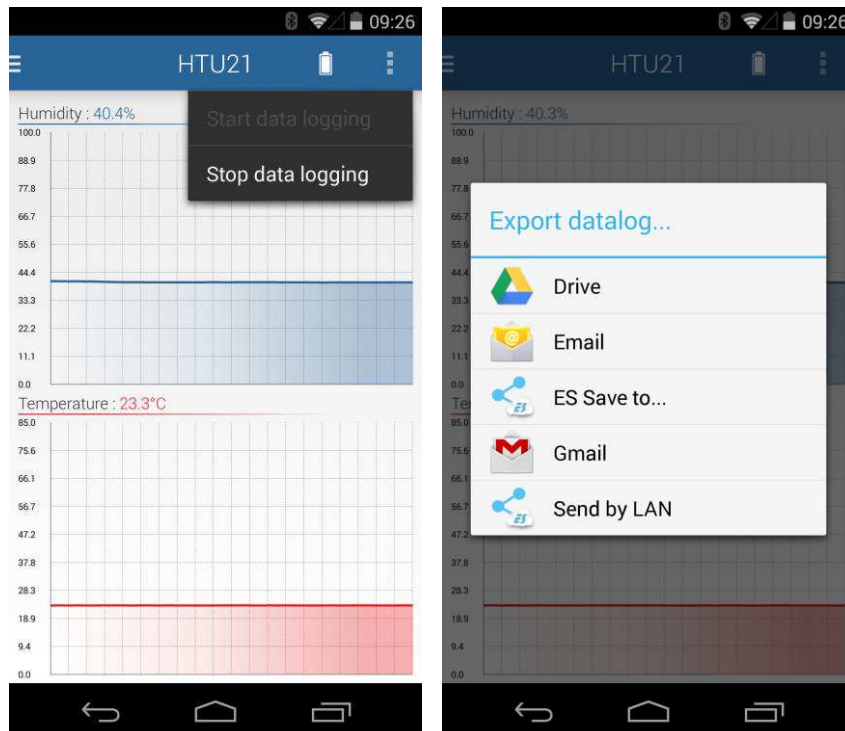
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2.2 Data logging

In order to record your data, you can at any moment, press the menu button then start the data logging.



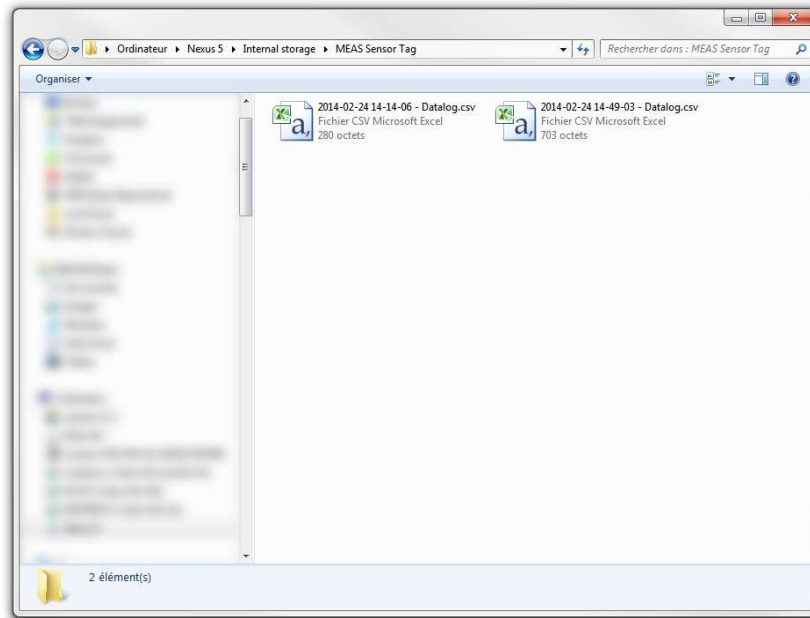
When you stop data logging, you will have to select how to export it.



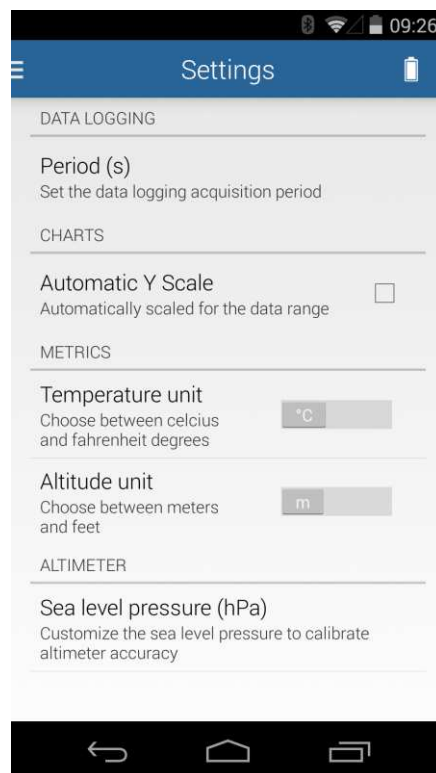
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If you do not want to export your data, you can also plug your device to your computer and retrieve the files directly. A folder called “MEAS sensor tag” is available in your internal storage and contains all your data logs:



3 SETTINGS



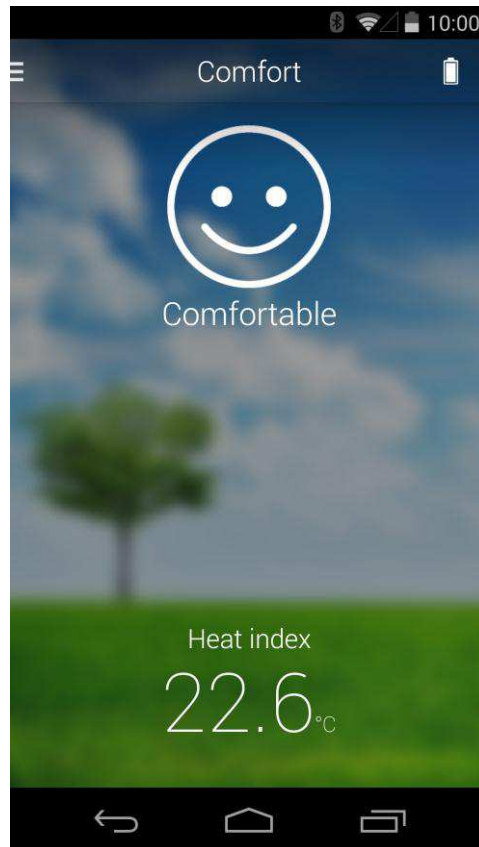
The settings tab of the navigation drawer will allow you to set the data logging acquisition period, the charts automatic zooming or the temperature unit of measurement.

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4 APPLICATIONS

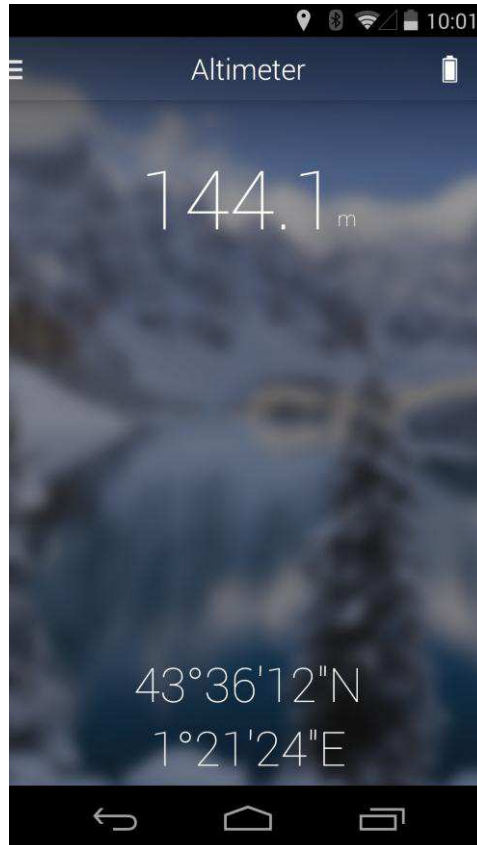
4.1 Comfort

This comfort tab demonstrates how the humidity and temperature can be used in order to compute the heat index.



4.2 Altimeter

This comfort tab demonstrates how the barometric pressure can be used to compute the altitude. In order to make this value accurate, the sea level pressure from your location has to be specified in the settings tab.



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