

CODESYS Sensor App for Android

With the product “CODESYS Sensor App for Android”, the sensor data of from an Android smartphone can be sent to a CODESYS controller.

Product description

Licensing:

No license is required.

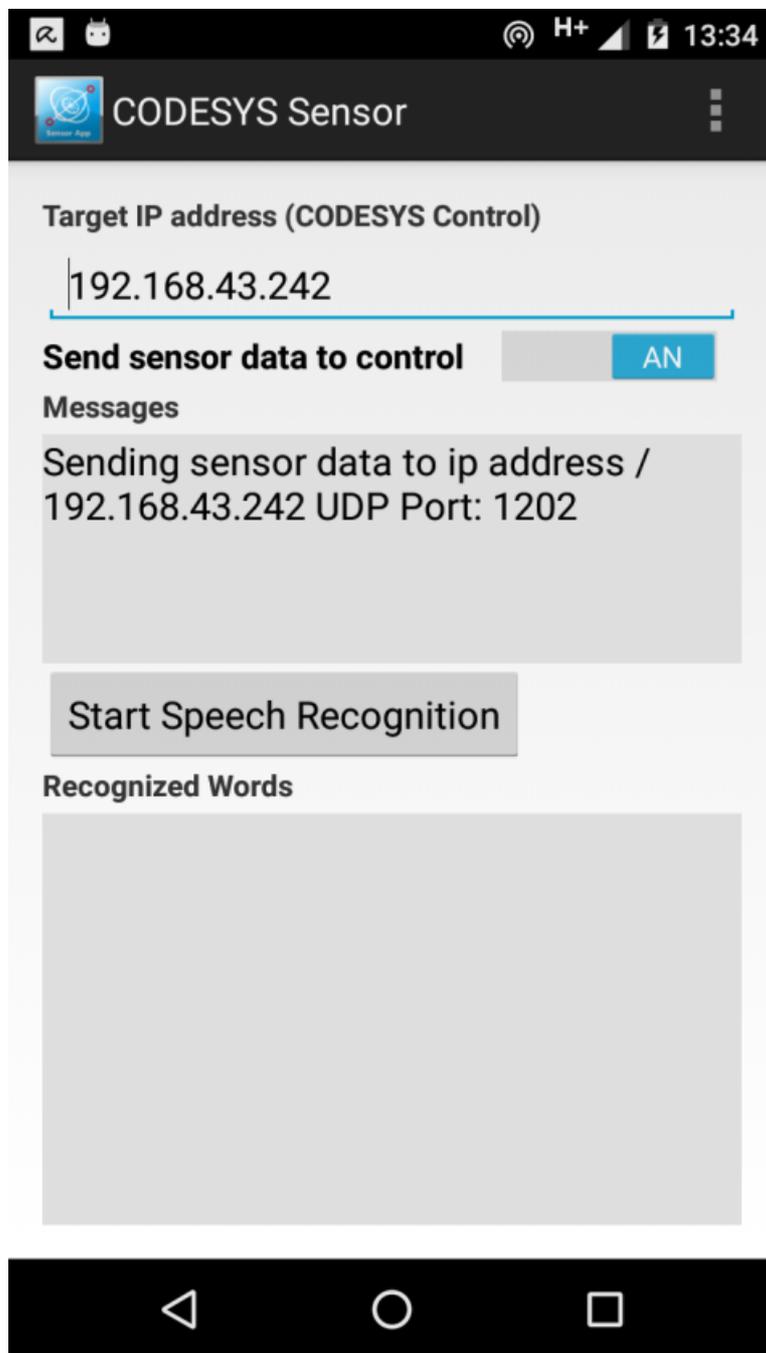


Numerous sensors are integrated in smartphones, such as Hall Effect sensors, acceleration sensors, and GPS sensors. With the “CODESYS Sensor App for Android”, the data of the most popular sensors can transmitted from an Android based device to a CODESYS controller over an IT network connection. In addition, the voice recognition of Android can be used for transmitting recognized words as strings to the controller. When an Internet connection is available, simple speech recognition can be established with the Android device (e.g. smartphone).

The software package also includes a sample project for the CODESYS Development System for viewing the transmitted data in a visualization.

- Included in the software package:
 - “CODESYS Sensor App for Android” (Android app) for transmitting sensor data
 - CODESYS sample project for visualizing the data on a CODESYS controller
- The following sensor data is transmitted:
 - Acceleration
 - Gyroscope
 - Magnetic field
 - Rotation
 - Proximity
 - Temperature
 - Humidity
 - Illuminance
 - Air pressure
 - Words of speech recognition

(The available sensor data may vary depending on the smartphone model.)



Screenshot: "CODESYS Sensor App for Android" on an Android device



Screenshot: Representation of sensor data in the CODESYS Development System (AndroidSensorApp.project)

General information

Supplier:

CODESYS GmbH
 Memminger Strasse 151
 87439 Kempten
 Germany

Support:

<https://support.codesys.com>

Item:

CODESYS Sensor App for Android

Item number:

000073

Sales:

CODESYS Store

<https://store.codesys.com>

Included in delivery:

- CODESYS Sensor App for Android (Android app)
- Software package with CODESYS sample project

System requirements and restrictions

Programming System	CODESYS Development System V3.5.14.0
Runtime System	CODESYS Control V3.5.14.0
Supported Platforms/ Devices	All
	Note: Use the project "Device Reader" to find out the supported features of your device. "Device Reader" is available for free in the CODESYS Store.
Additional Requirements	<ul style="list-style-type: none"> • Network connection between the Android device and the CODESYS controller • Internet connection (for voice control)
Restrictions	-
Licensing	<div style="text-align: center;">  <p>NO LICENSE</p> </div> <p>No license is required.</p>
Required Accessories	<ul style="list-style-type: none"> • Android device (e.g. smartphone) • CODESYS capable controller

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.

Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.