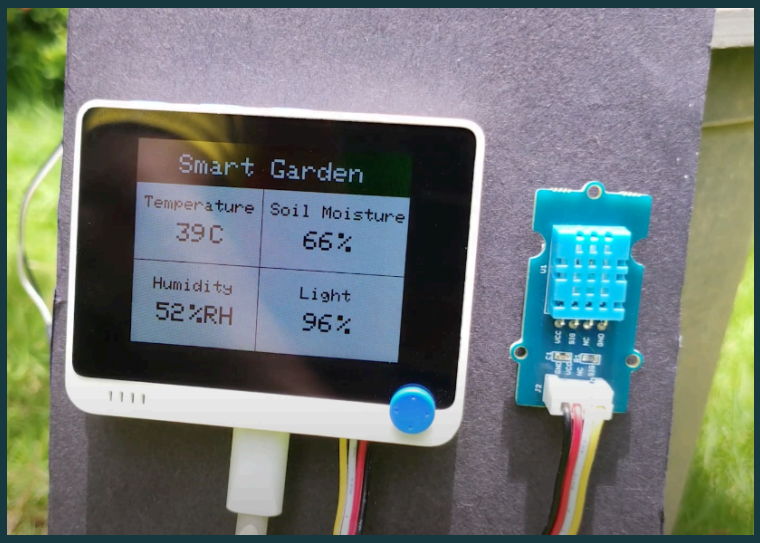
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INDUSTRIAL PRODUCT DATASHEET

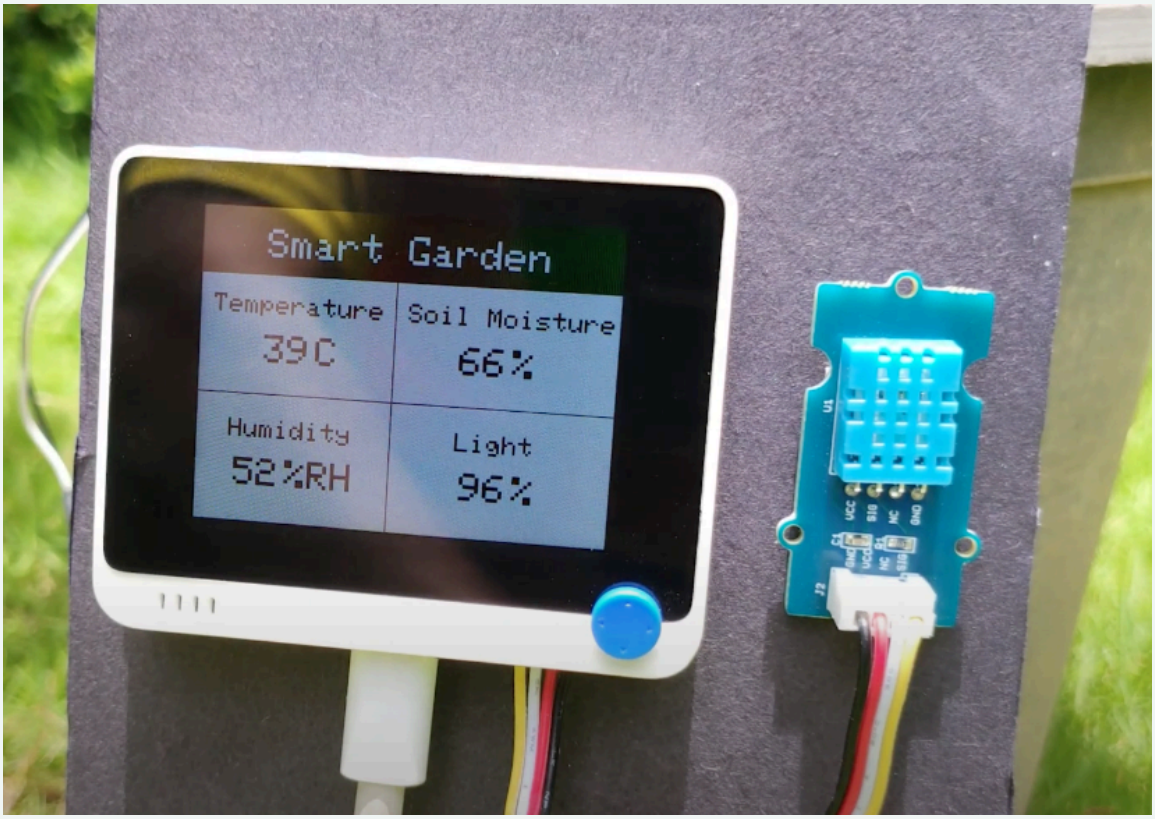
Smart Garden IoT Monitor built with Wio Terminal

Monitor and optimize your garden with the Smart Garden IoT Monitor built with Wio Terminal, featuring on-screen environmental data visualization and remote cloud connectivity.

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Overview



The Smart Garden IoT Monitor built with Wio Terminal creates a sustainable growth environment by collecting and visualizing light, humidity, temperature, and soil moisture on its screen. It supports cloud and remote data collection via WiFi and Bluetooth, making it ideal for Smart Plant Care and Smart Garden applications.

Key Features

- Create a sustainable growth environment for your plant
- Collect, measure, and visualize light, humidity, temperature, and soil on the screen
- Cloud and remotely collecting data are supported via WiFi and Bluetooth

Description

Interested in home gardening? At the first glance, growing your own plants can appear deceptively easy. In reality, it's difficult to properly manage the variety of factors that affect plant growth - such as light, humidity, temperature, and soil moisture. Monitoring is quite essential for greenhouses because changes in the growing environment can be dealt with before they damage plants.

With the Wio Terminal Smart Garden Kit, the days of dead plants and heartbreak are long gone. You can collect and measure soil moisture, light, temperature, and humidity for plants on the Wio Terminal LCD and visualize data! Conveniently use a suite of plug-and-play Grove sensor modules, and display the information neatly on the Wio Terminal's built-in display. With on-board Bluetooth or WiFi, you can even add cloud capabilities to your smart garden system and view the collected data remotely!

Now, you can care for your plants properly and conveniently by giving them exactly what they need!

The soil moisture sensor consists of two probes that allow the current to pass through the soil and then obtain resistance values to measure soil moisture content. DHT11 Sensor provides a wider range of temperature and humidity measurements and higher temperatures.

Application

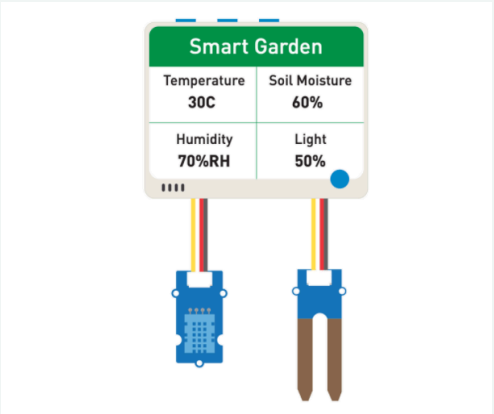
- Smart Plant Care
- Smart Garden

Resource

Wio Terminal Classroom #12 | Smart Garden Project using Wio Terminal

Resource Roundup for Wio Terminal: Tutorials, Reviews, and Projects from Community

Product Gallery



Applications

- **Smart Plant Care**
- **Smart Garden**

Resource Links

- https://www.seeedstudio.com/Wio-Terminal-Smart-Garden-Kit-p-4988.html
- Source Code

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