

Grove Smart Plant Care Kit for Arduino

SKU 110060130

IN STOCK 8 Available

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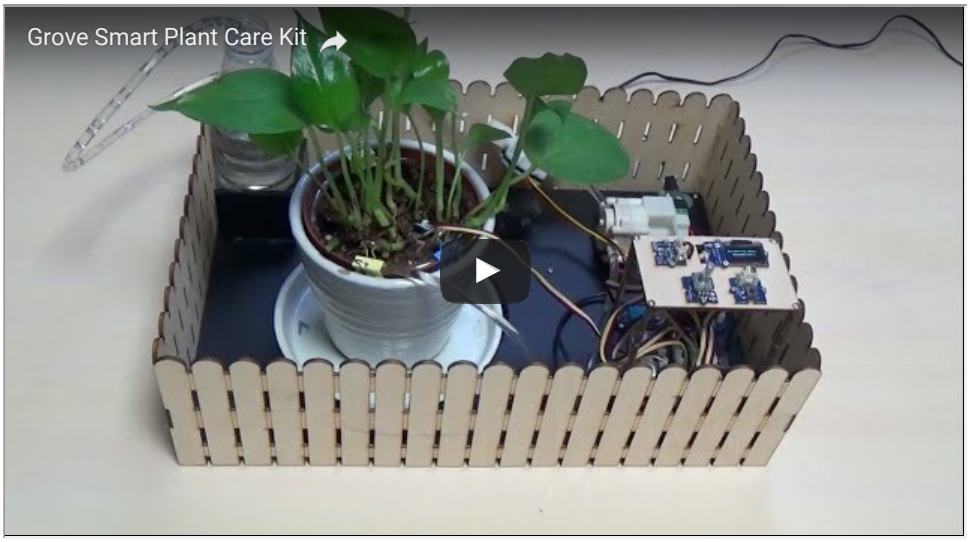
Description





To keep the indoor plants alive and robust is not an easy task. Plants are like people, they need nutritious soil, right temperature, adequate sunshine and water for the healthy growth.
Many electronics beginners who are getting started with Arduino and love planting would start their first project of making a plant growing system.
Here we provide one-stop solution to build up your own plant care system.

PART LIST

	Grove - Base Shield	The expansion board to connect Groves with your Arduino

	Grove - Temp & Humi Sensor	To detect the temperature and humidity
	Grove - Moisture Sensor	To detect the soil moisture
	Grove - Sunlight Sensor	To detect illumination intensity
	Grove - OLED Display 0.96"	To display parameters
	Grove - Encoder	To adjust knob
	Grove - Button	To adjust parameters
	Grove - Relay	To control water pump
	Grove - Water Flow Sensor	To detect the speed and volume of water flow
	12V Water Pump	To pump the water

FEATURES

	Plug and play. No soldering. No breadboard.
	The functional kit can detect the temperature, soil moisture, and sunlight intensity as well as automatically water the plant
	Getting started quickly with the step by step tutorial, check our Recipe to learn more

DOCUMENTS

Please visit our Wiki page for more information about this product. It will be much appreciated if you can help improve the documents, add more demo codes or tutorials. For technical support, please post your questions to our Forum

Best-sellers



Grove - Starter Kit for Ard...


Base Shield V2


Seeeduino V4.2


Grove Indoor Environmen...

Technical Details

Dimensions	200mm x 130mm x 70mm
Weight	G.W 438g
Battery	Exclude

Documents

- Wiki

Questions and Answers

Have a question about this? Ask people who own it.

0

I'm building a demo enclosure to show this off. Are the picket-fence & mounting panel CAD files available?

Dave Hrynkiw on Feb 15,2017

Reply | upvote (0)

Hi Dave,Yes, you can download the file from this link. https://github.com/Lee-Kevin/2.Gardening_demo_Drawings/

Kevin-Lee on Feb 17,2017 15:19 PM

Reply | upvote (0)

0

This is the error msg I get from the IDE when I try to verify the sketch: Arduino: 1.6.4 (Linux), Board: "Arduino Uno"Gardening.ino:31:23: fatal error: SeeedOLED.h: No such file or directorycompilation terminated.Error compiling. This report would have more information with "Show verbose output during compilation" enabled in File > Preferences.

Hank Nachtsheim III on May 15,2017

Reply | upvote (0)

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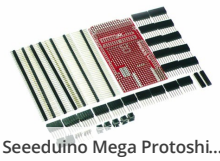
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