Johnny-Five Inventor's Kit
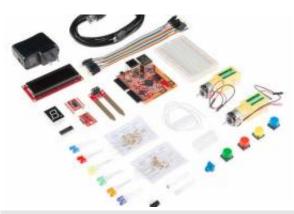

Listing details

Reference Number: RF193722

Common

Price: $ 124.95
Country: United States
Description:

Johnny-Five Inventor's Kit

Johnny-Five is an Open Source Robotics and IoT platform based on the IO-Plugin protocol. Released by Bocoup in 2012, Johnny-Five is maintained by a community of passionate software developers and hardware engineers. Over 75 developers have made contributions towards building a robust, extensible and composable ecosystem.

The Johnny-Five Inventor's Kit (J5IK) is your go-to source for developing projects using the Tessel 2 and the Johnny-Five programming framework. With the J5IK you will be able to build JavaScript-powered hardware by marrying common software language with powerful hardware.

This kit includes everything you need to complete 14 circuits that will teach you how to control and read external sensors and displays, control motors, learn JavaScript, and much more.

Includes:

Tessel 2
White Breadboard
SparkFun Motor Driver
SparkFun Soil Moisture Sensor (With Screw Terminals)
SparkFun BME280 Breakout (With Headers)
16x2 Character LCD - White on Black (With Headers)
7 Segment Display
Hobby Gearmotor (Pair)
Shift Register

Magnetic Door Switch Set
Mini Photocell
Switch (SPDT)
Red, Blue, Yellow, and Green Tactile Buttons
Red, Blue, Yellow, and Green LEDs
RGB LED
Trimpot - 10K
Jumper Wires - M/M 6"
USB microB Cable - 6 Foot
Wall Charger - 5V USB (1A)
10K Ohm Resistors
100 Ohm Resistors

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