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CurieNeurons Kit - A Neural Network Deep Learning Kit

SKU:KIT0122

INTRODUCTION

The CurieNeurons is a neural network deep learning kit designed for creating artificial intelligence related IoT projects. The kit includes all necessary tools, components and tutorials for setting up quick demos.

The CurieNeurons Kit, released by DFRobot and Maker Collider, is an easy-to-use tool for makers at levels to have a shot at building artificial intelligence related IoT projects. It enables users to build smart hardware capable of pattern learning and classification without a single line of code.

The CurieNeurons Kit includes the Arduino/Genuino101 equipped with the groundbreaking Intel® Curie™ module, a collection of sensors and actuators, the General Vision CurieNeurons Pro library and a handful of tutorials for setting up quick demos. Users can now use training instead of coding to embed artificial intelligence into everything, without worrying about the technical nuances of how neural networks actually work.

Note: This is a pre-order product. It is expected to be shipped in July.

FEATURES

- Supports Arduino IDE

- CurieNeurons Pro library for easy pattern learning and classification

SPECIFICATION

- Microcontroller: Genuino/Arduino 101

- Power Supply: 6*AA Batteries or 6.5-12V DC power adapter

- Dimension: 220mm * 165mm * 65 mm/ 86.6 * 65 * 25.6 inches

- Weight: 300g

DOCUMENTS

- CurieNeurons Pro Library

- General Vision Website

- Official Website and Tutorials

SHIPPING LIST

- Genuino 101 (DFR0436) x1

- IO Expansion shield V7.1 (DFR0265) x1

- USB Cable A-B for Arduino (FIT0056) x1

- Digital Push Button (Red) (DFR0029-R) x1

- Digital Push Button (white) (DFR0029-W) x1

- Digital Push Button (Blue) (DFR0029-B) x1

- Jumper Wires 9" F/F (10 Pack)(FIT0030) x1

- 9V to Barrel Jack Adapter (FIT0131) x1

- I2C 16x2 Arduino LCD Display Module (DFR0063) x1

- MicroSD card module for Arduino (DFR0229) x1

- Acrylic UNO Base (DWG0003) x1

- SD/MicroSD Memory Card (8 GB Class10 SDHC) FIT0393 x1

- SD USB adapter x1

- USB BLE-Link Bluetooth Dongle x1

- Velcro wrist band x1

- RGB Test card (one card for each color) x1

- CurieNeurons Pro activation card x1

- Gravity Digital Sensor Cable for Arduino x3

- Gravity 4-pin I2C Cable for TCS34725 RGB sensor x1