

Universal IOT Experiment Kit for ESP32(SHT30)

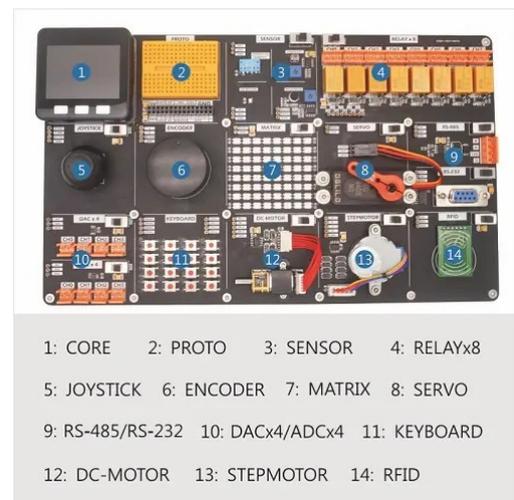


Description

Demo Board. This is a feast of IoT stuff, powered by M5Stack. It is an all-in-one Learning board powered by ESP32, which includes anything you can imagine in an IoT + industrial application scenarios. Let's see what you can do with it: Robotic movement, the most commonly used serial communication port(RS485 RS232), Relay control, all different types of Button control, RF reader, speaker, Microphone and more all able to develop by an M5stack core device, so you can program this board with Blockly(UIFlow), Arduino, and Micropython. Based on application scenarios, we've partitioned them into different functional parts with the good-looking layout and full-function performance. Here comes the most powerful IIoT learning board.

Product Features

- Fully Compatible with the M5Stack stackable and extendable system
- Protoboard, M5-BUS extension
- Each module comes with an individual power switch.
- Environment Sensor set (Temperature, Humidity, barometric pressure, light intensity, and Microphone)
- Joystick Controller
- 8 Channel of Realy output
- 4x DAC, 4x ADC
- 4x4 button matrix
- 8x8 RGB LED matrix
- Encoder
- 1x Servo
- DC-Motor(with feedback encoder)
- step motor with four-phase five-wire
- Radio frequency identification Reader
- RS-485, RS232 series communication

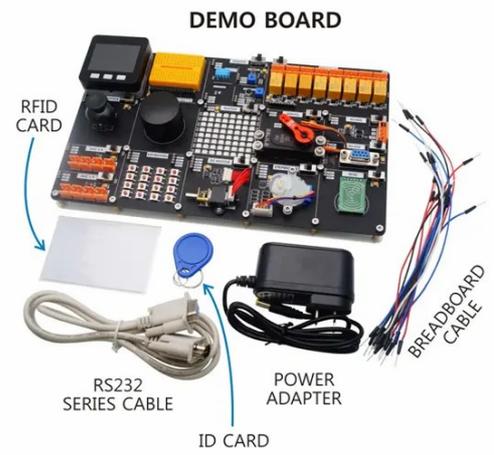


Include

- 1x **Demo Board** learning board
- 1x Power Aapter
- 1x RS232 cable
- 1x RFID Card
- 1x ID Card
- 16x breadboard cable

Applications

- IOT teaching experiment board
- Multi function test board



Specification

Resources	Parameter
Net weight	1120g
Gross weight	1120g
Product Size	330*210*95mm
Package Size	330*210*95mm