**Description:**
9 in1 Multifunction Arduino Sensor Shield is a multi-function expansion board for UNO Arduino (Arduino shield), which can sense parameters of temperature, humidity, and brightness, and do other functions such as buzzing, indicating, and  IR receiving. It is suitable for Arduino beginners to learn about basic experimental modules and usage because no welding and no connection is required and the user can directly download the program and perform her/his experiment.
This multi-function module is composed of the next module with their functions:
A red LED module and A blue LED module for indicating two situations or states by 2 separate LED
Full-Color LED Module or RGB module to indicate 3 states or conditions by a single integrated LED
IR receiver module for receiving infrared signals
Brightness sensor module for detecting/sensing environment brightness
LM35D temperature sensor module for detecting/sensing environment temperature
DHT11 temperature and humidity sensor module for detecting/sensing environment temperature and humidity
Passive buzzer module for audio warning
Rotary potentiometer module for analog controlling of a parameter

**Features:**
2-way button module
2-way LED module
Full-Color LED Module
IR receiver module
Brightness sensor module
LM35D temperature sensor module
Passive buzzer module
Rotary potentiometer module
DHT11 temperature and humidity sensor module
One I2C interface (A4 SDA, A5 SCL)
One TTL serial port
Two channel digital ports (D7, D8)
One channel analog port (A3)
Reset button

**Package Include:**
1 x Arduino Shield

