

Materials Used:

Materials Used	Qty.
Wemos D1 mini ESP32	1
LM2596 DC-DC Buck Converter	2
DS18B20 Waterproof Temperature Sensor	1
PH-45202C pH Sensor	1
DFRobot Gravity: analog electrical conductivity sensor/meter(K=10) [SKU: DF0300-H]	1
DFRobot Gravity: Analog Dissolved Oxygen Sensor / Meter Kit [SKU: SEN0237]	1
LM7805 Regulator	2
L9110 Motor Driver	1
37RPM 12V DC Geared Motor	1
RGB LED	5
Push/Tactile Button	2
220 Ohm Resistor	5
10k Ohm Resistor	2
4.4k Ohm Resistor	1
16x2 I2C LCD Screen	1
Piezoelectric Buzzer	1
12V 2A Power Adapter	