

# Ultrasonic Distance Sensor Module

## Waterproof DV 5V



### **Features:**

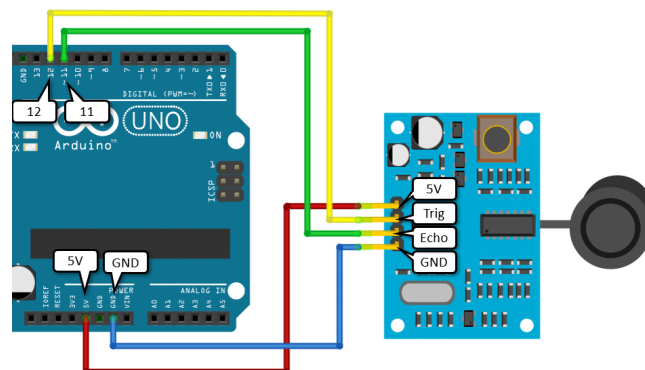
This waterproof ultrasonic module provides stable and accurate distance measurements in challenging environments. With a rugged design and waterproof transducer, it is ideal for outdoor robotics, liquid level sensing, and automation projects. The sensor operates with a 5V power supply, communicates using standard trigger and echo pins, and is fully compatible with popular microcontrollers like Arduino, ESP32, and Raspberry Pi.

### Specifications

Operating Voltage	DC 5V
Current Consumption	40mA
Acoustic Frequency	40kHz
Measuring Range	25cm – 4.5m
Blind Zone	25cm
Resolution	~0.5cm
Detection Angle	70°
Operating Temperature	-10°C to +70°C

### **Pinouts:**

Pin Name	Type	Description
+5V	Power	Positive supply input
Trig	Input	Trigger control pin (RX)
Echo	Output	Echo signal pin (TX)
GND	Ground	Power ground



**Product Pictures:**

