

Order Code : HC-SR04
Brand : Generic
Name : HC-SR04-Ultrasonic Range Finder



Specification : -

- Operating Voltage: 5 V
- Sonar Sensing Range: 2-400 cm
- Max. Sensing Range: 450 cm
- Frequency: 40 kHz
- This HC-SR04-Ultrasonic Range Finder is a very popular sensor that is found in many applications where it requires measuring distance and detecting objects.
- The module has two eyes like projects in the front which forms the Ultrasonic transmitter and Receiver. The HC-SR04 ultrasonic sensor uses sonar to determine the distance to an object like bats or dolphins do.
- This Ultrasonic Sensor module is a transmitter, a receiver, and a control circuit in one single pack!! It has very handy and compact construction. It offers excellent range accuracy and stable readings in an easy-to-use package. Its operation is not affected by sunlight or black material like Sharp rangefinders are (although acoustically soft materials like cloth can be difficult to detect).
- The Trigger and the Echo pins are the I/O pins of this module and hence they can be connected to the I/O pins of the microcontroller/Arduino. When the receiver detects the return wave the Echo pin goes high for a particular amount of time which will be equal to the time taken for the wave to return back to the sensor.
- Ultrasonic Ranging Module HC-SR04 provides 2cm-400cm non-contact distance sensing capabilities, Ranging accuracy up to 3mm.

- This Ultrasonic Sensor can be attached to your project using a mounting bracket, so buy it now at we have a very good quality Acrylic Mounting Bracket for this HC-SR04 Ultrasonic Module.

Wiring

- +5V(positive)
- Trig(control)
- Echo(receive)
- GND(negative)

Features :

- Measures the distance within a wide range of 2cm to 400cm
- Stable performance
- Accurate distance measurement
- High-density
- Small blind distance