

Product Name:HC-SR04 Ultrasonic Sensor Module Ultrasonic Distance Sensor



Description:

HC-SR04 ultrasonic module can offer non-contact distance sensing function; Includes ultrasonic transmitter, receiver and control circuit;

Operation requirement: Take IO port TRIG to trigger ranging.It needs 10 us high level signal at least.

Operating principle :

1.It can send 8 pro 40 kz square wave automatically, and will test if there is any signal returned.

2.If there is signal returned, output one high level signal via IO port ECHO.

3.The duration of the high level signal is the time from transmitter to receiving with the ultrasonic.

Specification:

Operating Voltage	5V
logic voltage	3.3V or 5V
Static current	Less than 2mA
Sensor angle	Less than 15 degrees
Detection distance	2cm-450cm
High precision	Up to 3MM
Echo signal	Output TTL PWL signal
Operating frequency	40Hz
Material	PCB
Color	Blue + Black
Size	45*20*15 mm
Weight	10g
Compatible With	Intelligent Bluetooth Tracking/ Obstacle Avoidance Car
Collocation At Optional	Ultrasonic Sensor Module HC-SR04 Bracket Holder

Package Included:

1pcs HC-SR04 Ultrasonic Sensor Module