

With all of these parts, you can create many interesting demos. For example, use the Mini fan to place on your room to keep cool, use infrared remote control and infrared receiving module to control the fan, make an Ultrasonic Radar detect the object and distance, etc. All of those effects will be very cool when you make it. There is no doubt that these modules will greatly improve your code programming ability and improve your mastery of Arduino.

What's more, the package comes with 8 Grove Wrapper. Grove - Wrapper is a kind of wrapper to fix and protect Grove modules. It will save you a lot of work on aligning your modules, and it will be easy for you to show your project. For example, it will be simpler to take pictures for showing your product on the Internet, and it will give a clear and clean scene if you use Grove-Wrapper to demo your project.

What is Grove?

Grove makes it easier to connect, experiment, and simplify the prototyping process. No jumpers or soldering required. We have developed more than 300 Grove modules, covering a wide range of applications that can fulfill a variety of needs. Not only are these open hardware, but we also have open-source software.

Tip

Still, want to learn more about Arduino? Take a look at [Learn Arduino - Tutorials and Projects to learn about Arduino basics and project ideas!](#)

Also check our [Arduino Board Selection Guide](#) with detailed specs and comparisons to choose more Arduino boards for your project needs!

Applications

- Suitable for Arduino beginners
- Suitable for infrared control and motion detect
- Suitable for getting started with open-source hardware and Arduino coding

Part List

Grove - Water Atomization x1

Grove - Mini Fan x1

Grove - Servo x1

Grove - Ultrasonic Distance Sensor x1

Grove - Infrared Receiver x1

Grove - Mini PIR Motion Sensor x1

Grove - Green Wrapper 1*1(4 PCS pack) x1

Grove - Blue Wrapper 1*2(4 PCS pack) x1

Grove Cable x5

Infrared Remote Control Key x1

Ultrasonic Sensor Bracket Set x1

Motor Bracket Set x1

Servo Base x1

ECCN/HTS

HSCODE 9023009000

UPC