



GND: connect gnd	VCC: Power supply interface, can be connected to 3.3V, 5V
OUT: Digital signal output	NC: no need connect
Working voltage: 3.3V/5V	Size: 29.4mm*28.8mm

The basic principle of the infrared sensor is to use the reflective nature of the object. Within a certain range, if there is an obstacle, the infrared rays will encounter obstacle and will be reflected to reach the sensor receiving pin.

After processing, the signal is returned to the micro-controller through the digital sensor interface, and the micro-controller can use the return signal to identify changes in the surrounding environment.