

Dongguan Uchi Electronics Co.,Ltd.

Add : Floor 4, NO.25-29,Power Station Road, Xihu , Shilong Town , Dongguan 523325, China.

Website: <http://www.uchidg.com> Email: james@uchidg.com

P/N : HY-001(D) Name : Bluetooth Sensor



Product image :

Introduction :

The Bluetooth sensor is a master-slave Bluetooth serial port module. When the Bluetooth device is successfully paired with the Bluetooth device, the Bluetooth internal communication protocol can be ignored, and the Bluetooth will be directly used as the serial port. When a connection is established, two devices use one channel in common, that is, the same serial port, one device sends data to the channel, and the other device can receive data in the channel. Of course, there are certain conditions for establishing such a channel connection, that is, an AT mode in which Bluetooth can be paired and connected.

Technical Parameters :

Product Name : Bluetooth sensor

Power requirements : +3.0V -5.5V

Signal Type : Digital signal

Interface mode : xh2.54*4

Pin definition : VCC-Power , GND-Ground , TX-Send data , RX-Receive data

Transmission distance : The effective transmission distance of the open area is 10 meters, and it is possible to be more than 10 meters, but the connection quality is not guaranteed.

Letter of agreement : After the pairing is successful, it can be used as a full-duplex serial port. No need to know any Bluetooth protocol, but only supports 8-bit data bits, 1-bit stop bits, and no parity communication format. This is also a common communication format and does not support other formats!Enter AT mode : Press the button and power on the Bluetooth module to enter the T mode, set parameters and query information.

Switch master and slave: You can switch between master and slave modes by AT command

Default baud rate: 9600

Default pairing password: 1234

Default name is: HY