

MyAntenna[®]

性能稳定压倒一切

232 & TTL - USB

接口转换器使用说明书

功能参数：

TTL接口

电平类型：3.3V/5V TTL电平可选

波特率：标准速率50bps~3Mbps；

RS232接口

串口类型：3线RS232串口，包含TXD、RXD、GND

波特率：标准速率50bps~1Mbps；

输出电源：5V

传输距离：USB端5米，TTL端5米，RS232端15米

指示灯：红光-电源，绿光-TX，蓝光-RX

接口形式：USB端——A类公头，TTL&232端——螺钉凤凰端子/插针

标准：符合USB1.0标准
符合1.1、2.0标准
符合EIA/TIA TTL标准
符合EIA RS-232标准

驱动程序：支持32/64位Windows操作系统
支持32/64位Linux系统
支持32/64位MAC OS系统
支持3.1及以上版本的Android系统

工作温度：-40~85℃

管脚示意图

接线图

注意：TTL收发数据线要交叉接。

RS232&TTL转换器的管脚说明

连接器	管脚	定义	功能
6pin 螺钉 凤凰头 /6pin 插针	1	TX	TTL数据发送
	2	RX	TTL数据接收
	3	GND	信号地/电源地
	4	232TX	RS232数据发送
	5	232RX	RS232数据接收
	6	5V	5V电源输出
3pin 插针	1	如果单片机的TTL串口电平是3.3V，短接1、2脚；	
	2	如果单片机的TTL串口电平是5V，短接2、3脚；	
	3		

凤凰头接线

合格证

产品名称：RS232&TTL转接头
型号：232&TTL-USB
生产日期：
执行标准：USB1.0、1.1、2.0标准
EIA/TIA TTL标准
EIA RS-232标准
电话：0755-86503881
技术热线：18588203979
生产厂家：深圳市摩天射频技术有限公司
地址：深圳市宝安区凤凰智谷大厦A座410

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保修卡

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产品型号：.....
购买平台：.....
购买日期：.....
故障原因：.....
客户姓名：.....
联系电话：.....
客户地址：.....

【保修期与条款】
1. 产品自收货日期起，质保一年；
2. 以下情况不在保修之列，但可协商付费维修；
* 人为损坏或使用不当导致的异常；
* 擅自拆卸、改装或维修导致的损坏；
* 电子组件脏污、损坏等；
3. 保修时候请务必留下您的电话及故障描述。

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Stable performance overrides everything

MyAntenna 232&TTL

interface converter instruction

Function Parameter
【TTL interface】
Electrical level type: 3.3V and 5V TTL
electrical level are optional
Baud rate: Standard rate 50bps~3Mbps
【RS232 interface】
Interface type: 3-wire RS232 serial port,
including TXD, RXD, GND
Baud rate: Standard rate 50bps ~ 1Mbps;
Output power: 5V
Transmission distance:
5 meters at the USB end,
5 meters at the TTL end
15 meters at the RS232 end
Indicator light:
Red light-power supply,
Green light-TX
Blue light-RX
Interface form: USB ——A type male
TTL & 232 end ——Screw Phoenix
Terminal/pin
Standard:
Compliant with USB1.0 standard
Compliant with 1.1 and 2.0 standard
Compliant with EIA/TIA TTL standard
Compliant with EIA RS-232 standard
Driver:
Support 32/64 bit Windows operating
system
Support 32/64 bit Linux system
Support 32/64 bit MAC OS system
Support Android system of version 3.1
and above
Working temperature: -40~85℃

Pin Diagram

Wiring Diagram

Note: The TTL transceiver data lines must be cross-connected.

Pin's explanation of RS232&TTL converter

Connector	Pin	Definition	Function
6 pin screw phoenix head/ 6 pin	1	TX	TTL data transmission
	2	RX	TTL data reception
	3	GND	Signal ground/ power ground
	4	232TX	RS232 data transmission
	5	232RX	RS232 data reception
	6	5V	5V power output
3 pin	1	If the TTL serial port level of the single chip microcomputer is 3.3V, short connect pins 1 and 2;	
	2	If the TTL serial port level of the single chip microcomputer is 5V, short connect pins 2 and 3.	
	3		

Wiring Way:

Unscrew the wiring port counterclockwise by screwdriver, put the thread into the wiring port and tighten clockwise.

Fault location

1. Unable to recognize the serial port number:

Enter the computer's device manager, check whether the serial port number has been recognized by the port (COM) item. If not, you need to install the driver of CH340T.

2. Unable to communicate

A. Check whether the configuration of the serial port meets the requirements of the external device;
B. Whether the serial port is opened;
C. Whether the baud rate is correct;
D. No need to tick RTS, DTR;
E. Whether the command and protocol format are correct
F. Whether the power supply of peripheral equipment is normal;
G. Whether the wiring is correct;
H. Observe whether the indicator lights of sending and receiving flash when sending commands;
I. If the above method still can not communicate, please use the oscilloscope to view the waveform to locate;

Certificate of conformity

Product name: RS232&TTL adapter
Model:
Production Date:
Executive standard:
USB1.0、1.1、2.0 standard
EIA/TIA TTL standard
EIA RS-232 standard
Telephone: 0755-86503881
Technology Hotline: 18588203979
Manufacturer: MyAntenna Technology Co.,Ltd
Address: Building A, 410, Phoenix Smart Valley,
No.50 Tiezi Road,Xixiang Street, Bao'an District,
Shenzhen City.

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For more product information, please visit
www.imyantenna.com

Warranty Card:

Product name:.....
Product model:.....
Purchase platform:.....
Purchase date:.....
Cause of issue:.....
Customer's name:.....
Contact number:.....
Customer's address:.....

【Warranty period and terms】
1. The product is guaranteed for one year from the date of receipt;
2. The following conditions are not covered by the warranty, but can be paid for repairs;
Abnormalities caused by human damage or improper use; Damage caused by unauthorized disassembly, modification or repair;
Electronic components are dirty, damaged, etc.
3. Please make sure to leave your phone and fault description during the warranty.