RAK473/476 Use Guidance

Frequently Asked Questions in Receiving and Sending via Serial Port

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1. Frequently asked questions in receiving and sending via serial port

1. When the command control module is sent via the serial port tool, press the Enter key as the ending character for the command;

2. If the information display is not complete, there may be special characters, Chinese characters and so on in the return information, so please view it in the hexadecimal form.

3. To view the data conveniently, you can turn on the ASCII code display. Command: at+ascii=1\r\n

I. Phenomenon: data sending and receiving not responded.

Possible reasons:

  (1) The module RXD and TXD and serial port send-receive port are reversed.

  (2) The port number of the serial port tool is set incorrectly.

  (3) The serial port tool has a problem. Re-open the serial port tool or close the port and then re-open it.

  (4) The system serial process is stuck. Restart the system and re-open the serial port tool.

II. Phenomenon: the return data is garbled.

Possible reasons:

  (1) The baud rate of the serial port is set incorrectly. Check the baud rate of the serial port.

  (2) The serial tool has a problem. Replace the serial port tool and re-test.

  (3) The module has a problem.

Version

Version	Author	Date	Content modification
V1.0	Lianbo Wang	2016/02/02	Create a document
V1.1	Xiaocheng Cao	2016/10/13	Modify some of the details