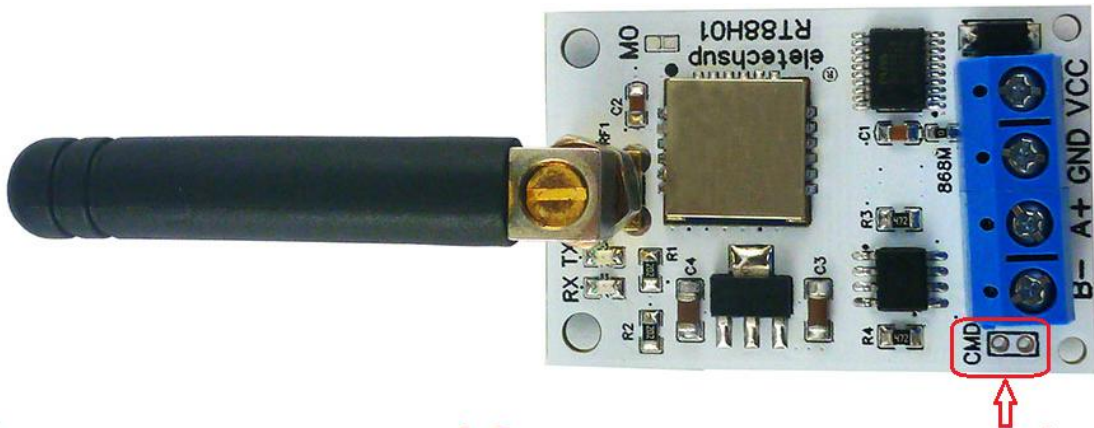


RT88H01 AT Command Brief



Short-circuit two pins of CMD to enter AT command mode

List of AT commands:

This is a brief description of AT commands, please refer to the "RT88H01 LORA wireless transparent transmission module user manual" for detailed descriptions

The serial port parameters of the AT command are fixed: 9600 8 N 1

Short-circuit two pins of CMD to enter AT command mode

1 ID

Query : AT+ID?

Set : AT+ID=xxx (000-254)

2 Software version information

Query : AT+INF?

3 Working channels(Frequency Band)

Query : AT+FREQ?

Set : AT+FREQ=xxx(000-125)

The Frequency Band is:

433M version $410\text{MHz} + \text{xxx} \times 0.4\text{MHz}$ (range: 410-512MHz);

868M version $854.5\text{MHz} + \text{xxx} \times 0.3\text{MHz}$ (range: 854.5-931MHz)

4 BaudRate

Query : AT+BAUD?

Setting : AT+BAUD=x(0-7)

0:1200 1:2400 2:4800 3:9600 (default) 4:19200 5:38400 6:57600 7:115200

5 Parity Bits

Query : AT+PARITY?

Setting : AT+PARITY=x(0-2)

0: No parity 1: Even parity 2: Odd parity

6 Transmit power

Query: AT+POWER?

Setting: AT+POWER=x(0-9)

The transmit power level of the module ranges from 0 to 9, and the corresponding transmit power of the module is as follows:

Level	0	1	2	3	4	5	6	7	8	9
Transmit power/dBm	-9	-5	0	+5	+8	+12	+15	+18	+20	+22

7 Bit Rate

Query: AT+RATE?

Setting: AT+RATE=x(0-6)

The bit rate level of the module ranges from 0 to 7, and the corresponding module bit rate is as follows: 1.76kbps- 62.5kbps

0	1	2	3	4	5	6	7
1.76	2.4	4.8	9.6	19.2	38.4	50	62.5

8 Data AES encrypted transmission

Query: AT+ENCRYPT?

Setting: AT+ENCRYPT=x(0-1)

The encryption status of the module ranges from 0 to 1, and the corresponding module encryption status is as follows: 0: no encryption 1: encryption

9 Factory reset

Set: AT+RESET

You can also short-circuit the two pins of RES on the board for 5 seconds to restore the factory settings

10 Reboot:

Settings: AT+REPOWER