Ai-WB2 series module AT firmware use tutorial, connect to the router, as a TCP client, establish a single connection, and realize the UART transmission

Content

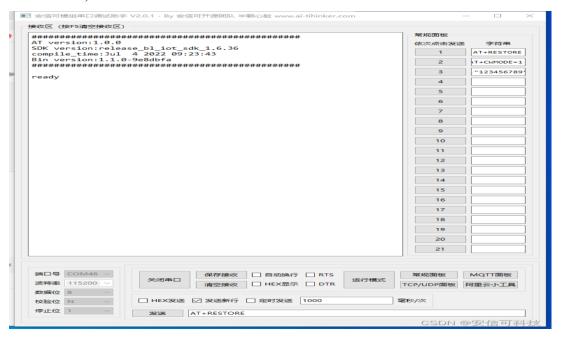
- 1. Preparation of hardware and software
- 2. Connect router
- 3. As a TCP client, establish a single connection
- 4. Start for UART transmission

1. Preparation of hardware and software

Hardware and software that need to be prepared: Ai-WB2 series module or development board, Type-C data cable, Ai-Thinker transmission cloud server, the link is: http://tt.ai-thinker.com/ttcloud

2. Connect router

1. First ensure the module or the development board power on and to print ready information, as shown below:

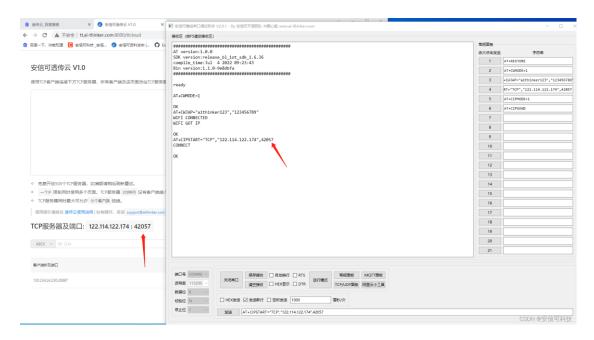


2. Send AT+CWMODE=1;AT+CWJAP="WIFIn name","WIFI password", like the

	***************************************	常规面板
AT version:1.0.0		依次点击发送 字符串
	se_bl_iot_sdk_1.6.36	1 AT+RESTORE
compile_time:Jul Bin version:1.1.0		
	***************************************	2 AT+CWMODE=1
ready		3 "123456789
•		4
AT+CWMODE=1		5
OK AT+CWJAP="aithinker123","123456789" WIFI CONNECTED WIFI GOT IP		6
		7
		8
DK		9
		10
		11
		12
		13
		14
		15
		16
		17
		18
		19
		20
		21
端口号 COM46 ~ 波特率 115200 ~	保存接收	常规面板 MQTT面板 模式 TCP/UDP面板 阿里云小工具
数据位 8 V 校验位 N V	□ HEX发送 ☑ 发送新行 □ 定时发送 1000	室秒/ 次

3. As a TCP client, establish a single connection

Send AT+CIPSTART="TCP", "122.114.122.174", port here to use is 42057, for actual use should correspond according to the parameters on the transmission cloud website, as shown below,



4. Start the UART transmission

Send AT+CIPMODE=1 to set the transmission instructions, and send AT + CIPSEND to allow the module to enter the transmission mode, which can realize the UART WIFI transmission, as shown below,

