

# Ai-WB2 series module HTTP client HEAD and GET request method

## Content

1. Preparation of hardware and software
2. Connect gateway
3. HTTP client HEAD request method
4. HTTP client GET request method

## 1. Preparation of hardware and software

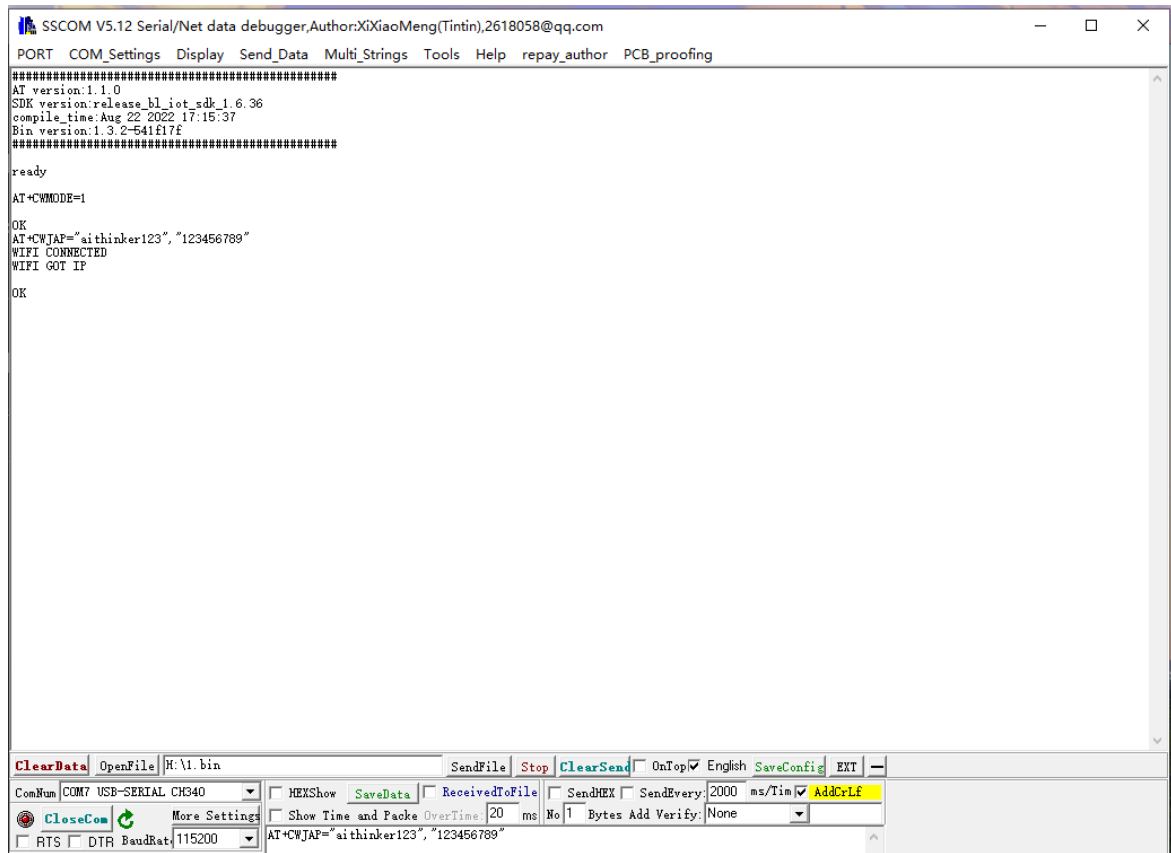
Hardware and software that need to be prepared: Ai-WB2 series module or development board, Type-C data cable

## 2. Connect gateway

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="WIFI name","WIFI password", like what I test now the WIFI name is aithinker123, password is 123456789, as shown below:



### 3. HTTP client HEAD request method

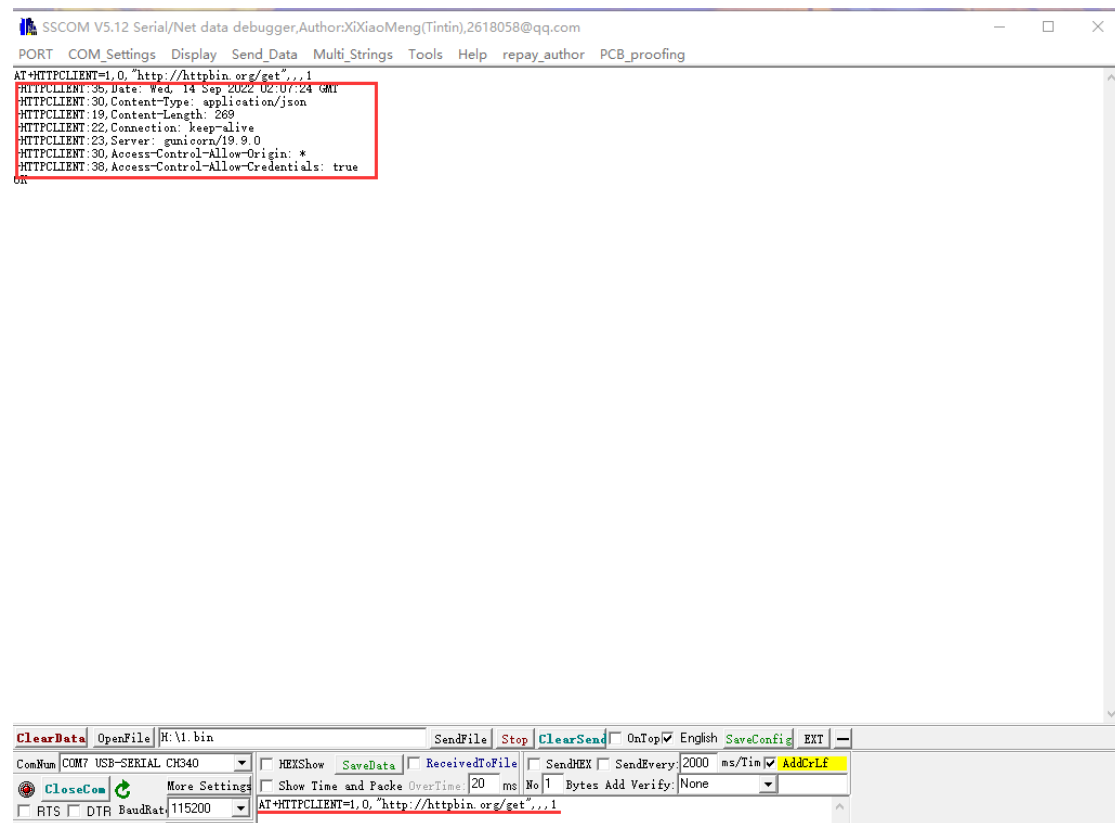
The example uses `http://httpbin.org` as HTTP server.

1. Send a HTTP HEAD request.

- Set opt as 1 (HEAD method)
- url as `http://httpbin.org/get`
- transport\_type as 1 (HTTP\_TRANSPORT\_OVER\_TCP)

Command: `AT+HTTPCLIENT=1,0,"http://httpbin.org/get",1`

as shown below:



**Note:** The HTTP header information you get may be different from that in the above response.

# 4. HTTP client GET request method

This demo is to download a picture file in PNG format as example. Picture link [https://docs.aithinker.com/lib/tpl/material/images/icon\\_logo.png](https://docs.aithinker.com/lib/tpl/material/images/icon_logo.png).

Command: AT+HTTPCLIENT=2,0,"https://docs.aithinker.com/lib/tpl/material/images/icon\_logo.png",,2

As shown below:

