**How to Setup Network with AIW-344**

**Prerequisite**

* ARK-1551 and setup Windows 10 on it
* AIW-344 with AIW-344FQ-E02 (30) version.

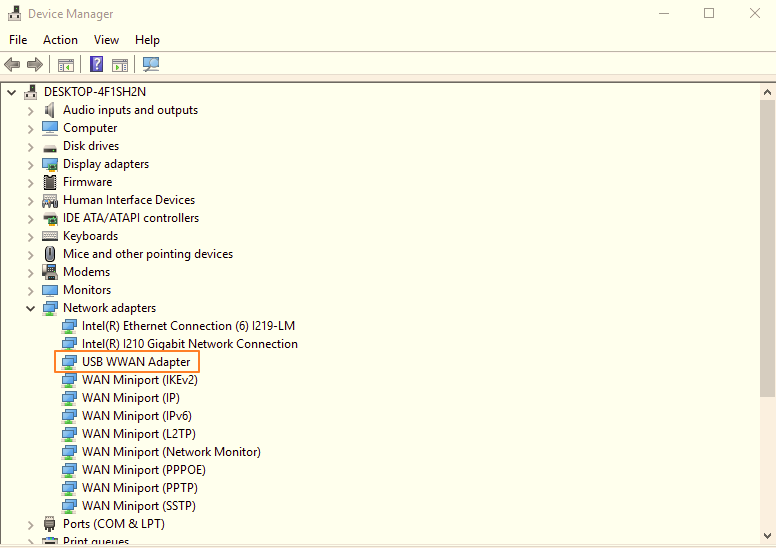
**Install Driver**

* Device driver

Please run the installer “USBDeviceSetup.exe” and follow the prompt to install driver.

**Check Device**

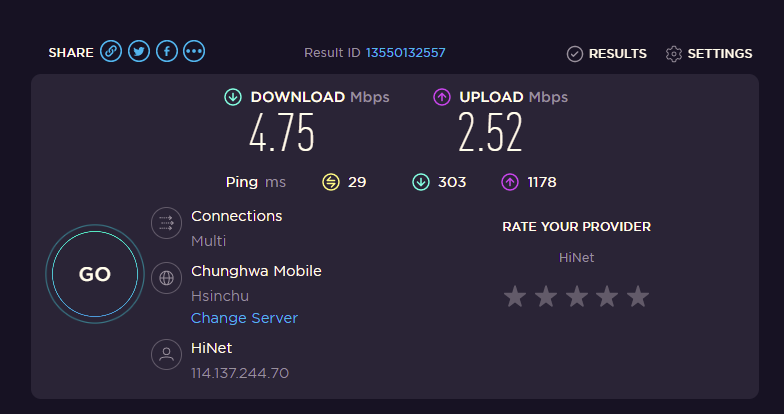
After driver installed, you will see the snapshot as below.



**Function Test**

* Speed test

This is only for reference.

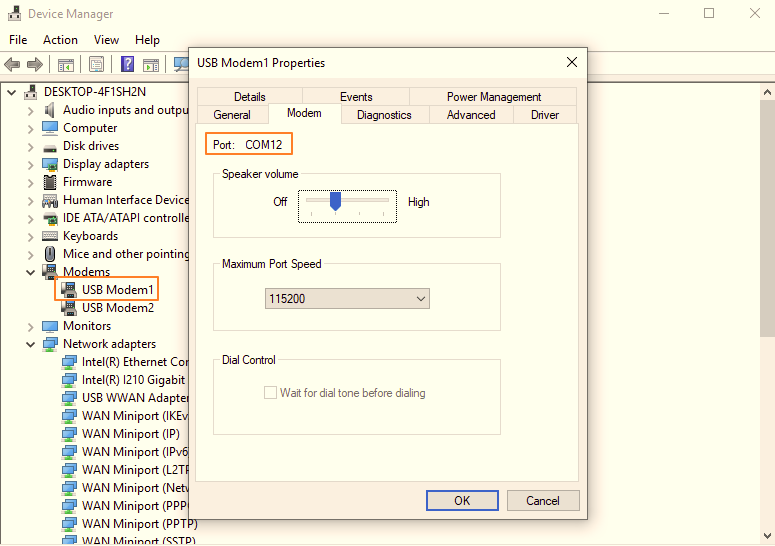


* Reliability

Observe the ping test at least 6 hours.

* AT command

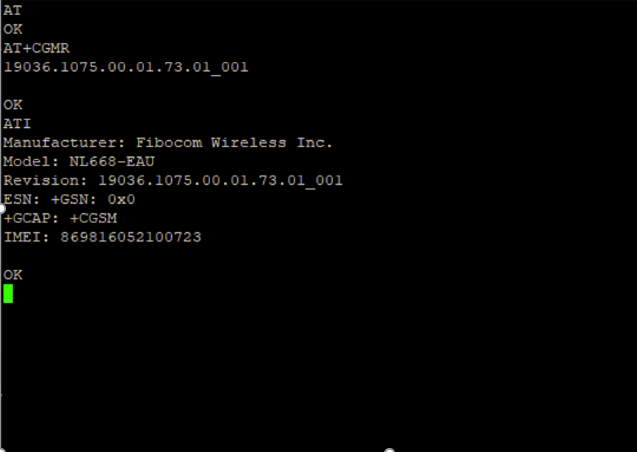
1. Check the number of COM port with AIW-344 in device manager.



1. Access to AT command through terminal like putty.

Please make setting as below:

* + Baud Rate “9600”
  + Data bits "8"
  + Stop bits "1"
  + Parity "None"
  + Flow Control "None"



* GPS test

Please follow the below commands to input by AT command on the terminal.

Noted that please use passive antenna on AIW-344.

1. Set supl server and port

at+gtagpsserv="supl.qxwz.com",7276

1. Set supl version

at+gtgpscfg=0,1

1. Check APN setting, there should be a correct APN

at+cgdcont?

1. Check the device attach to network

at+cops?



1. Enable AGPS.

at+gtgpsepo=1

1. Start GPS.

at+gtgpspower=1

1. at+gtgps?

Get longitude and latitude by checking NMEA data.

Noted that please waiting for 3 minutes for sync.

