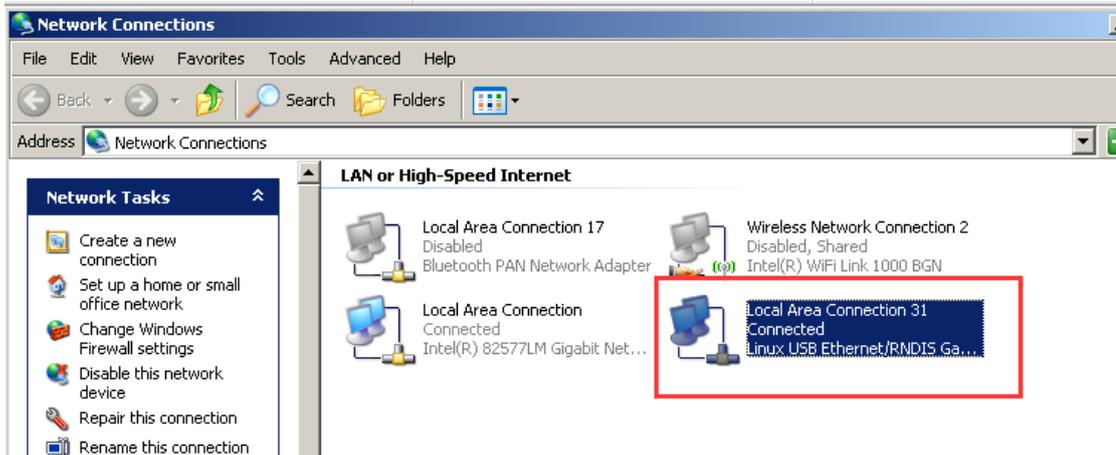
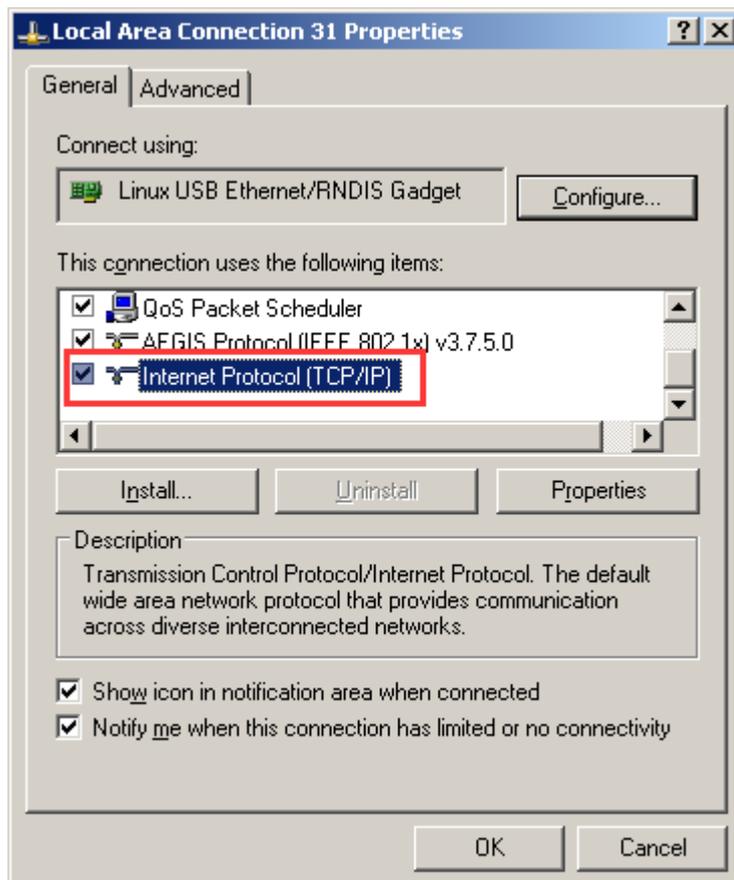


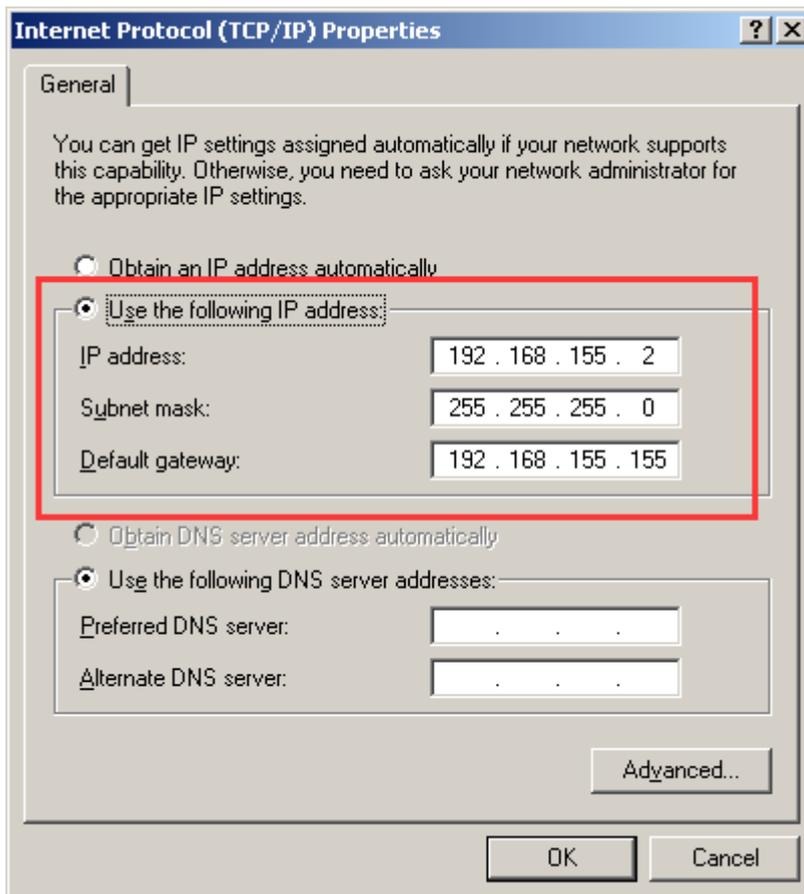
Network port connection to PC

1. Power on the receiver and connect it to PC through the connection cable and install the network driver (right now, we only support XP and WIN7, for 64 bit OS, there are independent driver)
2. In the network connection of your PC, you'll see a new network connection appears

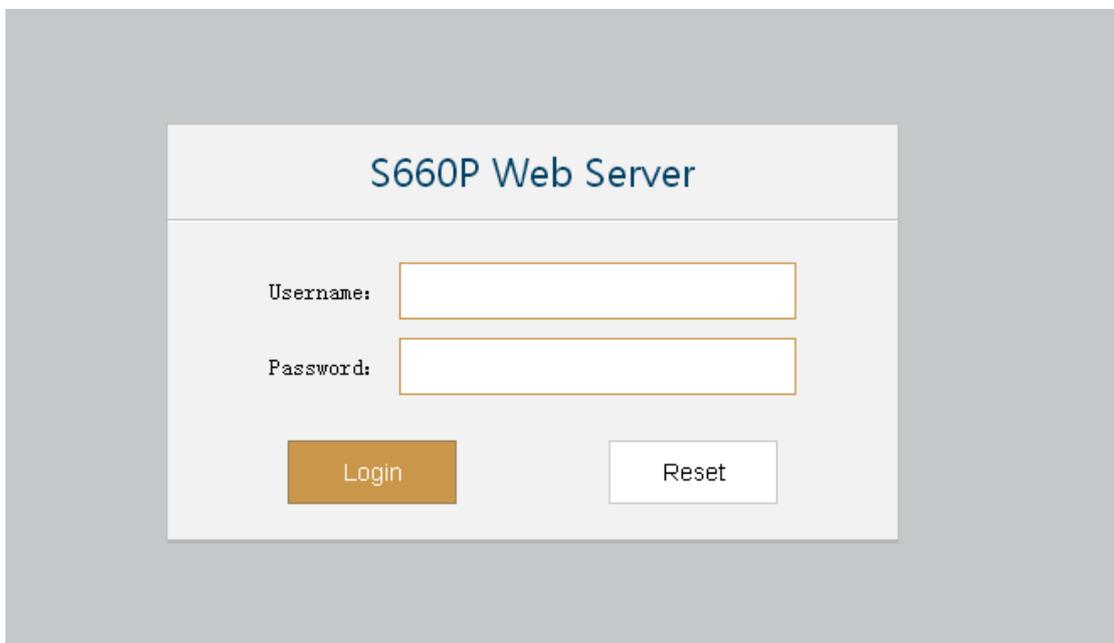


3. Sometimes, the PC cannot detect the receiver by network port because the connection is having problems acquiring IP automatically, to avoid such problem, we can set a static LAN IP for the connection: right click the local area connection 31-properties-double click internet protocol (TCP/IP)-use the following IP addresses

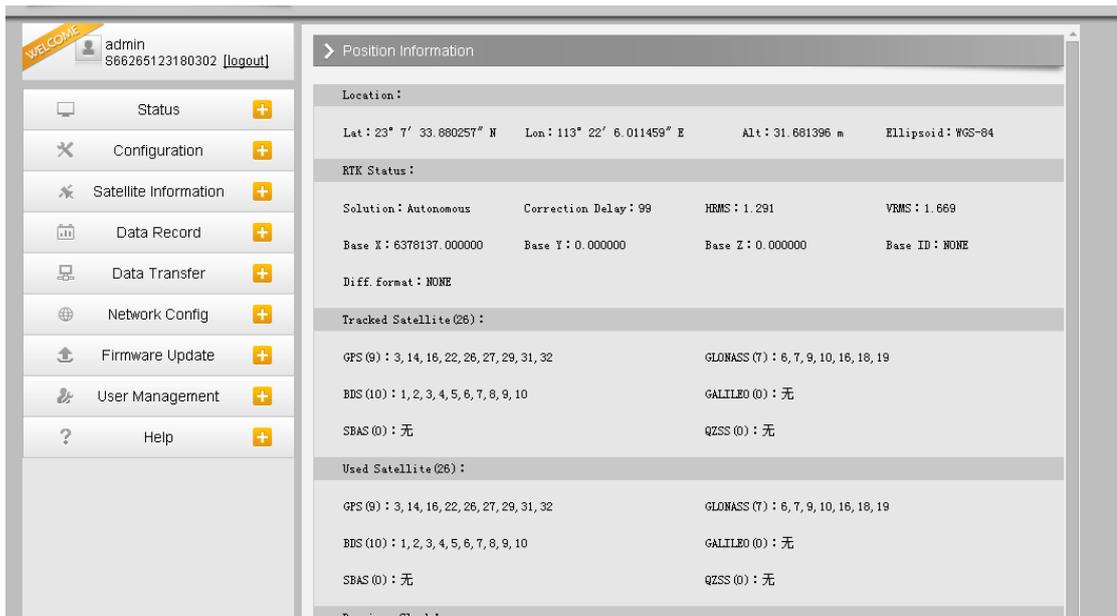




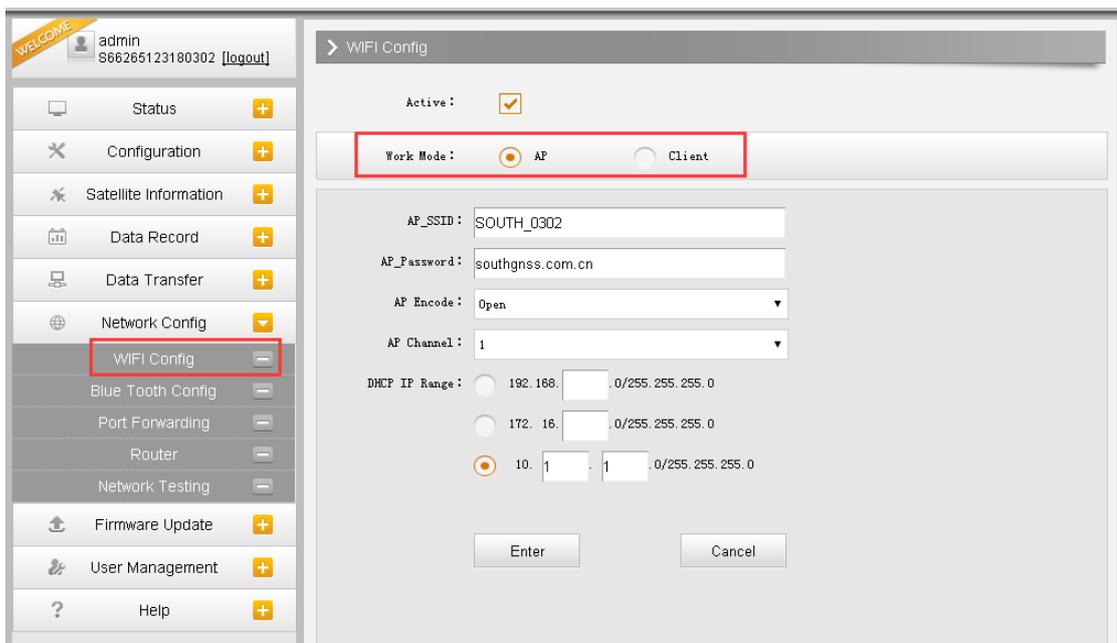
4. After that, run IE browser, input IP 192.168.155.155 to access to the web server



5. The default username and password are admin. After login, we can do the configurations in the web server



- Go to network config-wifi config, there are two modes, AP is for other device to connect the receiver through wifi; client is for the receiver to connect other wifi hot spot



- Switch the receiver into client mode and power off and on the receiver and go to this page again and click scan to detect the available wifi network

> WIFI Config

Active:

Work Mode: AP Client

Client_SSID: southgnss Scan
 綠槍頭鑽 iPhone
 Click Here DisplayList
 綠槍頭鑽 iPhone
 Snowy
 2-south
 ChinaNet-1
 wxj
 bing
 FAST_98EC9A
 LINE_3
 Xiaomi PRINT
 霸終張錚燻
 LieBaoWiFi196
 KK
 TP-LINK_tunan
 ChinaNet-HpJ9
 holike_admin
 1234
 3941
 gtsoft

Password: southgnss.com.cn

Encryption Type: WPA2

DHCP:

IP Address: 0 . 0 . 0 . 0

Subnet Mask: 255 . 255 . 255 . 0

Default Gateway: 0 . 0 . 0 . 0

Status: Connecting southgnss...

Signal: 

Clear SSID List: ClearSSID

Operation Tip: When change wifi work mode from AP to Client, please reboot host to take effect

8. Select and input the psw and click enter, it will connect to the hot spot automatically

Client_SSID: Snowy Scan ▼

Password: 13570084320

Encryption Type: WPA2

DHCP:

IP Address: 192 . 168 . 1 . 115

Subnet Mask: 255 . 255 . 255 . 0

Default Gateway: 192 . 168 . 1 . 1

Client_SSID: Snowy

Password: 13570084320

Encryption Type: WPA2

DHCP:

IP Address: 192 . 168 . 1 . 115

Subnet Mask: 255 . 255 . 255 . 0

Default Gateway: 192 . 168 . 1 . 1

Status: Connected to Snowy

Signal: 

Clear SSID List:

Operation Tip: When change wifi work mode from AP to Client, please reboot host to take effect

Client function!

- After connecting to WIFI, the receiver will have access to internet. On the configuration-general config-set the receiver into Base WIFI

WELCOME admin S66265123180302 [logout]

Status

Configuration

General Config

Base Setup

Antenna Setup

Satellite Tracking

Receiver Operate

System Setup

Satellite Information

Data Record

Data Transfer

Network Config

Firmware Update

User Management

Help

General Configuration

Registration

Serial Number: S66265123180302

Code: BAAC23371E955425DEDA3E218457C2911D5D

ExpiredDate: 20160821

OnlineRegistration: OnlineRegi

OperationTips: Use Online Reig Function, please Make Sure Network is Work Well!

Mode setting

Work Mode: Base

Datalink: WIFI

RadioTransfer:

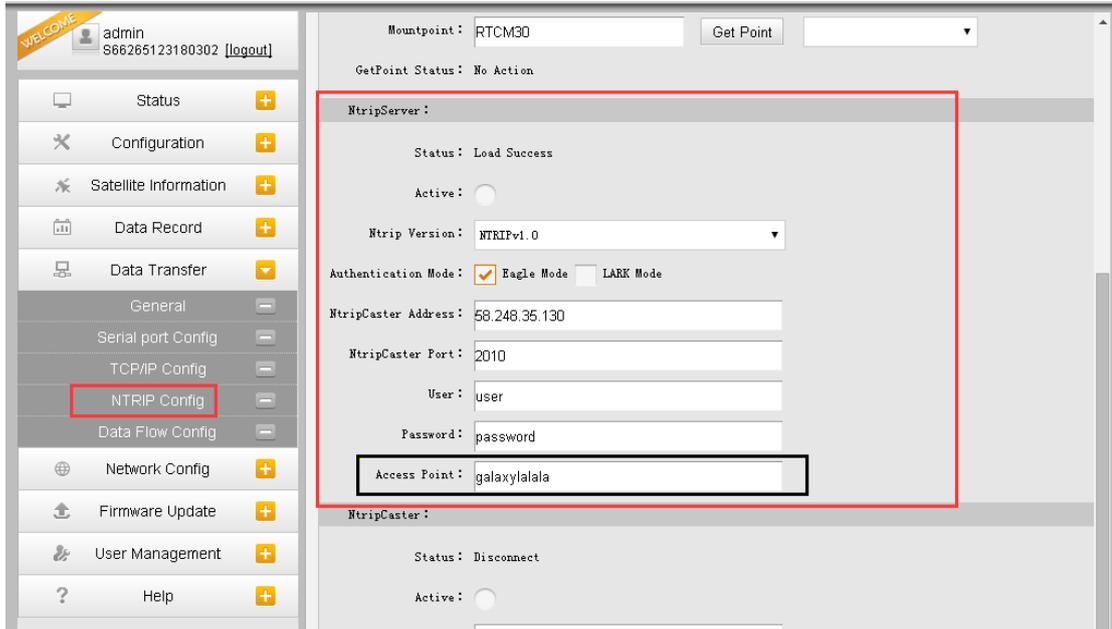
RTK Record:

1PPS:

EVENT:

EVENT Polarity: Negative

Data transfer-ntrip config-use Ntrip server mode, we can upload the corrections into the CORS server



```
SOURCEABLE 200 OK
Server: EagleGnss-basis/160518
Date: 2018/05/26 10:30:11
Content-Type: text/plain
Content-Length: 4222

STR:RTCM23.RTCM23.RTCM 2.3:3(10),18(1),19(1):2.GNSS:EagleGnss:CHN:0.00.0.00:1.1.NRS1.160223:none.N.N.19200:
STR:RTCM30.RTCM30.RTCM 3.2:1004(1),1012(1),1021(1),1023(1),1025(1),1005(10),1007(15),1033(7):2.GNSS:EagleGnss:CHN:0.00.0.00:1.1.NRS1.160223:none.N.N.19200:
STR:RTCM32-MSM4.RTCM32-MSM4.RTCM 3.2:1074(1),1084(1),1124(1),1005(10),1007(15),1033(7):2.GNSS:EagleGnss:CHN:0.00.0.00:1.1.NRS1.160223:none.N.N.19200:
STR:CMR.CMR.CMR +CMR0(1),CMR1(10):2.GNSS:EagleGnss:CHN:0.00.0.00:1.1.NRS1.160223:none.N.N.9600:
STR:RTD.RTD.RTCM 2.3:1(1),3(10),31(1),59(1):2.GNSS:EagleGnss:CHN:0.00.0.00:1.1.NRS1.160223:none.N.N.19200:
STR:RTCM32.RTCM32.RTCM 3.2:1074(1),1084(1),1124(1),1005(10),1007(15),1033(7):2.GNSS:EagleGnss:CHN:0.00.0.00:1.1.NRS1.160223:none.N.N.19200:
STR:RTCM1021.RTCM1021.RTCM 3.2:1021(5),1074(1),1084(1),1124(1),1005(10),1007(15),1033(7):2.GNSS:EagleGnss:CHN:0.00.0.00:1.1.NRS1.160223:none.N.N.19200:
STR:RTCM1021-1.RTCM1021-1.RTCM 3.2:1021(5),1023(5),1025(5),1074(1),1084(1),1124(1),1005(10),1007(15),1033(7):2.GNSS:EagleGnss:CHN:0.00.0.00:1.1.NRS1.160223:none.N.N.19200:
STR:RTCM1021-2.RTCM1021-2.RTCM 3.2:1021(5),1023(5),1025(5),1074(1),1084(1),1124(1),1005(10),1007(15),1033(7):2.GNSS:EagleGnss:CHN:0.00.0.00:1.1.NRS1.160223:none.N.N.19200:
STR:RTCM30.RTCM30.RTCM 3.0:1004(1),1005(10):2.GNSS:EagleGnss:CHN:0.00.0.00:1.0.NRS:none.N.N.9600:
STR:[RTD]:[RTD]:RTD:1(1),3(1):2.GNSS:EagleGnss:CHN:0.00.0.00:1.0.NRS:none.N.N.9600:
STR:[RTM32-MSM]:[RTM32-MSM]:RTM 3.2:1074(1),1084(1),1124(1),1005(10),1007(15),1033(7):2.GNSS:EagleGnss:CHN:0.00.0.00:1.0.NRS:none.N.N.9600:
STR:[sCMR]:[sCMR]:CMR.CMR(0),CMR(1):2.GNSS:EagleGnss:CHN:0.00.0.00:1.0.NRS:none.N.N.9600:
STR:user:user.RTCM 3.0:1004(1),1012(1),1005(10):2.GNSS:EagleGnss:CHN:25.68.104.24:1.0.NRS17145910:none.N.N.9600:
STR:548F38107083367.548F38107083367.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:33.97.116.87:1.0.NRS58141208:none.N.N.9600:
STR:548F38107083367.548F38107083367.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:33.53.117.03:1.0.NRS58141208:none.N.N.9600:
STR:0800CMR.0800CMR.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:23.11.113.44:1.0.NRS1713655:none.N.N.9600:
STR:xitong439.xitong439.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:23.13.113.37:1.0.NRS17106124:none.N.N.9600:
STR:548F38107083365.548F38107083365.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:33.66.116.53:1.0.NRS58141208:none.N.N.9600:
STR:548139107085095.548139107085095.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:32.73.112.17:1.0.NRS58141208:none.N.N.9600:
STR:548153121119911.548153121119911.RTCM 3.2:1074(1),1084(1),1124(1),1005(10):2.GNSS:EagleGnss:CHN:23.11.113.44:1.0.NRS58150826:none.N.N.9600:
STR:0800_MSM.0800_MSM.RTCM 3.2:1074(1),1084(1),1124(1),1005(10),1021(5):2.GNSS:EagleGnss:CHN:23.11.113.44:1.0.NRS00000106:none.N.N.9600:
STR:0800_RTD.0800_RTD.RTD:1(1),3(1):2.GNSS:EagleGnss:CHN:23.11.113.44:1.0.NRS00000106:none.N.N.9600:
STR:2000SCMR.2000SCMR.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:0.00.0.00:1.0.NRS17113872:none.N.N.9600:
STR:0800_RTCM30.0800_RTCM30.RTCM 3.0:1004(1),1012(1),1005(10),1021(5):2.GNSS:EagleGnss:CHN:23.11.113.44:1.0.NRS00000106:none.N.N.9600:
STR:2000_RTCM30.2000_RTCM30.RTCM 3.0:1004(1),1012(1),1005(10),1021(5):2.GNSS:EagleGnss:CHN:22.96.113.43:1.0.NRS00000106:none.N.N.9600:
STR:galaxylalala.galaxylalala.CMR +CMR1(1),CMR(0):2.GNSS:EagleGnss:CHN:0.00.0.00:1.0.NRS23180302:none.N.N.9600:
STR:galaxy.galaxy.RTCM 3.0:1004(1),1012(1),1005(10):2.GNSS:EagleGnss:CHN:45.71.125.89:1.0.NRS17101510:none.N.N.9600:
STR:2000_RTD.2000_RTD.RTD:1(1),3(1):2.GNSS:EagleGnss:CHN:22.96.113.43:1.0.NRS00000106:none.N.N.9600:
STR:0000CMR.0000CMR.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:0.00.0.00:1.0.NRS17077131:none.N.N.9600:
STR:2000_MSM.2000_MSM.RTCM 3.2:1074(1),1084(1),1124(1),1005(10),1021(5):2.GNSS:EagleGnss:CHN:22.96.113.43:1.0.NRS00000106:none.N.N.9600:
STR:511111111188195.511111111188195.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:0.00.0.00:1.0.NRS20131128:none.N.N.9600:
STR:548158117085859.548158117085859.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:36.98.117.16:1.0.NRS58141208:none.N.N.9600:
STR:s8256511719525.s8256511719525.sCMR.CMR(1),CMR(0):2.GNSS:EagleGnss:CHN:0.00.0.00:1.0.NRS1719525:none.N.N.9600:
ENDSOURCEABLE
```

10. If on the configuration-general setting, we set the receiver into rover WIFI function

Mode setting

Work Mode: Rover

Datalink: WIFI

RadioTransfer:

RTK Record:

1PPS:

EVENT:

EVENT Polarity: Negative

Enter Cancel

Then on the Data transfer-Ntrip config-Ntrip client, we can input CORS IP, port, user name and psu, click get point to acquire source table and select one mount point to connect

> NTRIP Config

NtripClient :

Status : Load Success

Active :

Authentication Mode : Eagle Mode TCP/IP Mode LARK Mode

NtripClient Address : 58.248.35.130

NtripClient Port : 2010

User : 0262

Password : 1216

Mountpoint : RTCM30

GetPoint Status : Get Success

NtripServer :

Status : Disconnect

Active :

Ntrip Version : NTRIPv1.0

Authentication Mode : Eagle Mode LARK Mode

NtripCaster Address : 58.248.35.130

0800_RTCM30

S48F38107083364

S48F38107083367

0800SCMRX

xitong4S9

S48F38107083365

S48139107085095

S48153121119911

0800_MSM4

0800_RTD

2000SCMRX

0800_RTCM30

2000_RTCM30

galaxy

2000_RTD

0000SCMRX

2000_MSM4

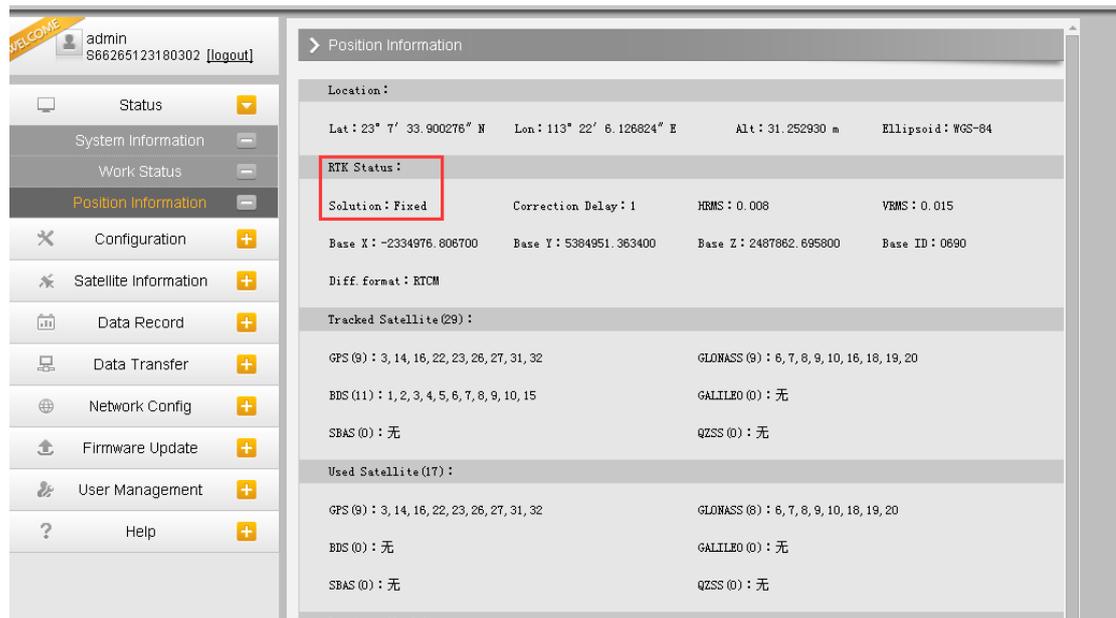
S11111111188195

S4815A117085859

s82565117179525

S82-G2

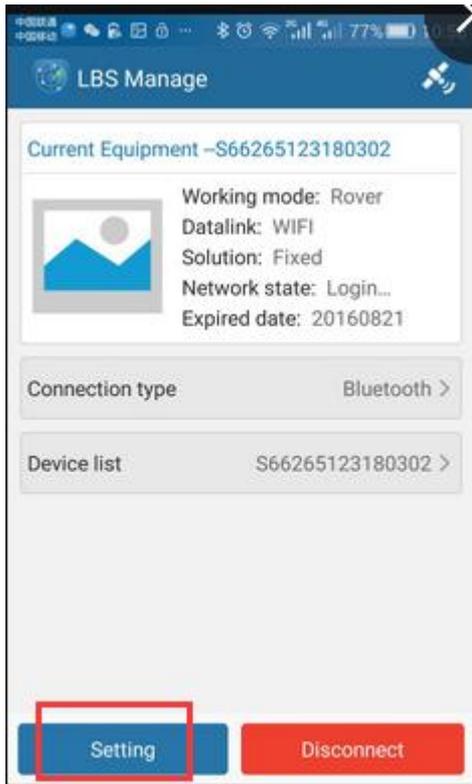
After click enter to confirmed the settings, go to position information, you'll see the receiver is connecting to CORS and get fixed solution



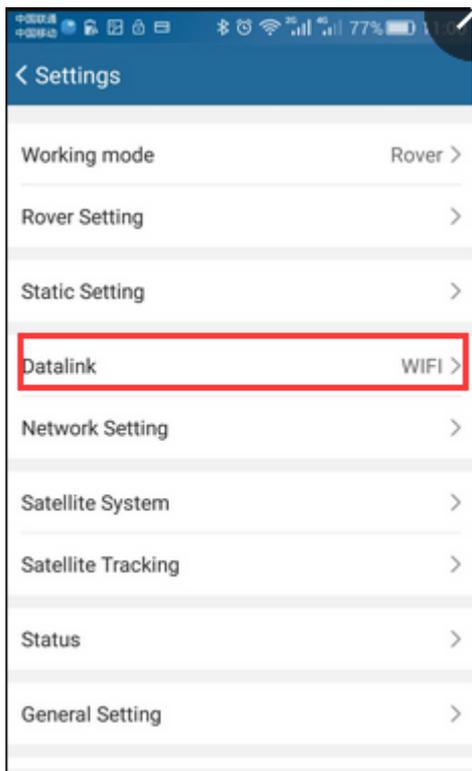
And by connecting to the controller software, you can see the fixed solution and can use the receiver to work.



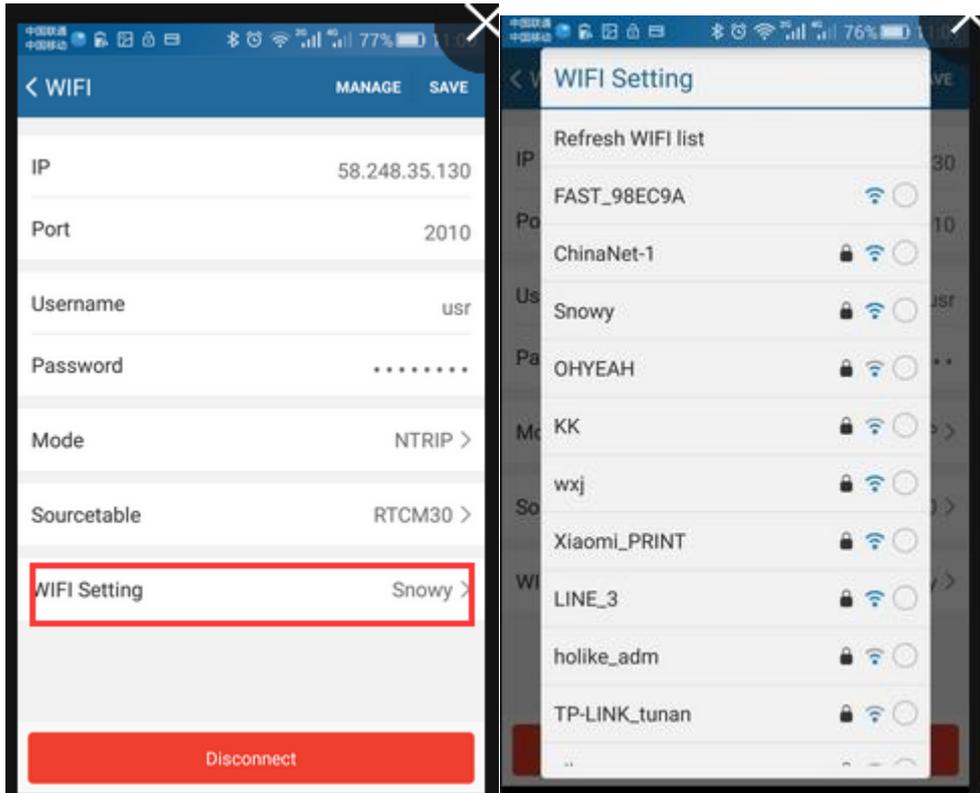
11. If you are using the latest LBS android software, after switch the receiver into the client mode in WIFI config, you can also do such configurations in the LBE software
Connect receiver in LBS software



Switch the data link into WIFI

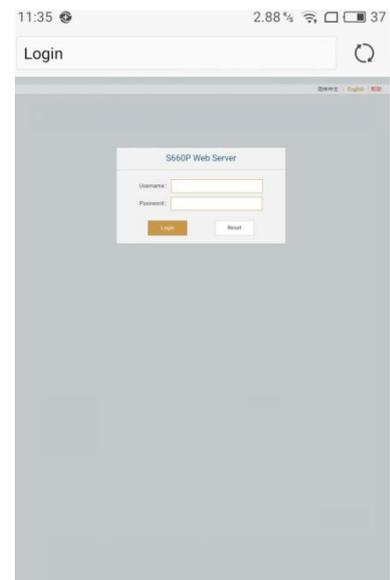


Go to network settings to input CORS parameters and WIFI hot spot parameters (the same detect, select and then input pswn steps)



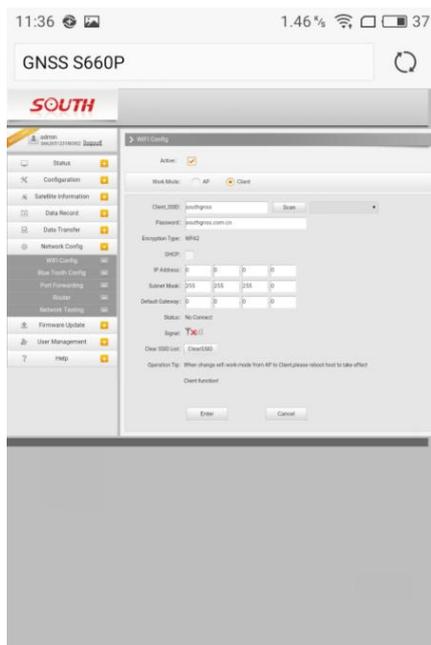
If the receiver has some problems connecting to PC directly, we can do as follows:

1. The default wifi configuration is AP mode, by this mode, you can connect the receiver through WIFI and input 10.1.1.1 in the browser to go to the web server, the username and psw are the same, admin





2. Go to the network config-wifi config to switch the mode from AP into client and click enter to confirm, and then power off and power on the receiver, the rest wifi data link config can be finished in LBS manage software, as mentioned above



3. After that, if you want to switch receiver into AP mode without connecting to PC, you should power on receiver first, and then press power key long enough until you see the lights blink from one led to another, and then release the power key. Next time power on the receiver, it will recover into default settings which enables AP function