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

🕹 Local Area Connection 31 Properties	? ×
General Advanced	
Connect using:	
🕮 Linux USB Ethernet/RNDIS Gadget Config	gure
This connection uses the following items:	
🗹 🚚 QoS Packet Scheduler	
AFGIS Protocol (IEEE 802.1x) v3.7.5.0	
Internet Protocol (TCP/IP)	
	_
•	
Install Uninstall Prope	rties
Description	
Transmission Control Protocol/Internet Protocol. The de wide area network protocol that provides communicatio across diverse interconnected networks.	efault n
Show icon in notification area when connected	ectivitu
In a only me when this connection has infilted of no config	ectivity
ОК	Cancel

internet Protocol (TCP/IP) Propertie	s ?x					
General						
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.						
□ ● Use the following IP address: □						
<u>I</u> P address:	192.168.155.2					
S <u>u</u> bnet mask:	255.255.255.0					
Default gateway:	192 . 168 . 155 . 155					
C Obtain DNS server address autor	natically					
Use the following DNS server add	dresses:					
Preferred DNS server:	· · ·					
Alternate DNS server:	· · ·					
Ad <u>v</u> anced						
	OK Cancel					

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

Username: Password:	
Login Reset	

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

WELCOME	admin \$66265123180302 [logo	> Position Information					
	Status	Location:					
*	Configuration	Lat: 23° 7′ 33.880257″	"N Lon: 113" 22' 6.011459" E	Alt: 31.681396 m	Ellipsoid: WGS-84		
	Catallita Information	RTK Status :					
71	Satellite information	Solution: Autonomous	Correction Delay: 99	HRMS: 1.291	VRMS : 1.669		
11	Data Record	Base X: 6378137.000000) Base Y: 0.000000	Base Z: 0.000000	Base ID: NONE		
뮹	Data Transfer	Diff. format : NONE					
\oplus	Network Config	+ Tracked Satellite(26):	:				
£	Firmware Update	GPS (9) : 3, 14, 16, 22, 26,	27, 29, 31, 32	GLONASS (7): 6, 7, 9, 10, 16, 3	18, 19		
ð :	User Management	BDS (10) : 1, 2, 3, 4, 5, 6, 7	7, 8, 9, 10	GALILEO (0):无			
?	Help	+ SBAS (0):无		QZSS (0):无			
		Used Satellite(26):					
		GPS (9) : 3, 14, 16, 22, 26,	27, 29, 31, 32	GLONASS (7): 6, 7, 9, 10, 16, 3	18, 19		
		BDS (10) : 1, 2, 3, 4, 5, 6, 7	7, 8, 9, 10	GALILEO (0):无			
		SBAS (0):无	SBAS (0):无 qZSS (0):无				
		Receiver Cleck					

6. 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

Status X Configuration X Satellite information Data Record Data Transfer Data Transfer Data Transfer Herede: Open WiFi Config Blue Tooth Config DhtCP IP Range: 192.168. 0/255.255.255.0 172.18. 0/255.255.255.0	> WIFI Config
** Configuration • ** Satellite Information • ** Satellite Information • ** Data Record • ** Data Record • ** Data Transfer • ** Data Transfer • ** Network Config • ** Ditcr IP Range : 192.168. ** 0/255.255.255.0 • ** ** • ** ** • ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** ** **	Active:
Satellite Information Data Record Data Record Data Transfer Data Transfer Network Config WiFi Config Blue Tooth Config Port Forwarding Ditter Toomarding 172. 16.	Work Mode: AP Client
Data Record Data Transfer Data Transfer Network Config WIFI Config Blue Tooth Config Port Forwarding 112, 16.	
Blue Tooth Config Port Forwarding AF_Password: southgnss.com.cn AP Encode: Open AP Encode: Open Image: Image:<	AP_SSID: SOUTH_0302
AP Encode: Open AP Encode: Open AP Encode: 0 December 1 December	AP_Password: southgnss.com.cn
Image: Set of the set	AP Encode: Open
WIFI Config Image: 1 Blue Tooth Config Image: 192.168. 0/255.255.0 Port Forwarding 172.16. 0/255.255.0	AP Channel : 1
Blue Tooth Config DHCP IP Range: 192.168. .0/255.255.0 Port Forwarding 172.18. .0/255.255.0	
Port Forwarding 📃 🗌 172. 16. 0/255. 255. 0	DHCP IP Range: 192.1880/255.255.0
	172. 16
Router	0, 10, 1, 0/255, 255, 0
Network Testing	
🛨 Firmware Update 🛨	
2/2 User Management 🛨	Enter
? нер 🛨	

7. 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 O	.i ent		
Client_SSID:	southgnss	Scan	鍒樻猿鑽� iPhone ▼	
Password:	southgnss.com.cn		Click here DisplayList 就情猿鑽� iPhone Snowy	
Encryption Type:	WPA2		2-south ChinaNet-1 wxj bing	
DHCP :			FAST_98EC9A LINE_3	
IP Address:	0 · 0 · 0	· 0	A1 aom1_FKIN1 籔炵張鏄熺 L LieBaoWiFi196 KK	
Subnet Mask:	255 · 255 · 255	· 0	TP-LINK_tunan ChinaNet-HpJ9 baling da	
Default Gateway:	0 . 0 . 0	· 0	nolike_aum 1234 3941 gtsoft	
Status :	Connecting southgnss			
Signal:	Ÿ×II			
Clear SSID List:	ClearSSID			
Operation Tip:	When change wifi work mode from .	AP to Client, pleas	e 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 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
Status:	Connected to Snowy
Signal:	۳
Clear SSID List:	ClearSSID
Operation Tip: 1	When change wifi work mode from AP to Client,please reboot host to take effect
(Client function!

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

NELCOME	admin S66265123180302 [lo	igout]	> General Gonfigur	ation	
Ţ	Status	+	Registration		
×	Configuration		Serial Number:	\$66265123180302	
	General Config		Code:	BAAC23371E955425DEDA3E218457C2911D5D	Reg
	Base Setup		ExpiredDate:	20160821	
			OnlineRegistration:	OnlineRegi	
		Ξ	OperationTips:	Use Online Reig Function, please Make Sure Networ	k is W
	Receiver Operate	=	Mode setting		
	System Setup		Work Mode:	Base	
*	Satellite Information	•	Detelink'		
.11	Data Record	÷	putul mit.		
묘	Data Transfer	±	Kadiolranster:		
۲	Network Config	•	RTK Record:		
+	Eirmware Undate		1PPS:		
		-	EVENT :		
Ð:	User Management	-	EVENT Polarity:	Negative •	
?	Help	H			

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

Macont 2 admin	Mountpoint:	RTCM30 Get Point •	•			
S66265123180302 [logout]	GetPoint Status:	No Action				
🖵 Status 🕂	NtripServer:					
🗙 Configuration 🕂	Status :	Load Success	l			
🚿 Satellite Information 🕂	Active:	\circ	1			
🔟 Data Record 🕂	Ntrip Version:	NTRIPv1.0				
😞 🛛 Data Transfer 🧧	Authentication Mode:	Eagle Mode LARK Mode				
General 📃	NtripCaster Address:	58.248.35.130				
Serial port Config 📃	NtripCaster Port:	2010				
TCP/IP Config 📃	, .					
NTRIP Config	User.	user				
Data Flow Config 📃	Password :	password				
Network Config	Access Point:	galaxylalala				
🔹 Firmware Update 🕂	NtripCaster:					
🧞 User Management 🕂	Status :	Disconnect				
? Help 🕂	Active:	\bigcirc				
SOURCETABLE 200 OK Server: BajeKerr-basic/10018 Ber: 2010/00/2018 (1018) Ber: 2010/00/2018 (1018) Ber: 2010/00/2018 (1018) Centert-Length: 4222 STR. NCTUGS: NCTUS2: N						

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

Mode setting	
Work Mode:	Rover 🔹
Datalink:	WIFI T
RadioTransfer:	
RTK Record:	
1PPS:	
event :	
EVENT Polarity:	Negative v
	Enter Cancel

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

> NTRIP Config				
NtripClient:				
Status :	Load Success			
Active:	ullet			
Authentication Mode:	Eagle Mode TCP/IP Mode	LARK Mode		
NtripClient Address:	58.248.35.130			
NtripClient Port:	2010			
Vser:	0262			
Password:	1216			
Mountpoint:	RTCM30	Get Point	0800_RTCM30	•
GetPoint Status:	Get Success		S48F38107083364 S48F38107083367 0800SCMRX xitong4S9	•
NtripServer:			S48F38107083365 S48139107085095	
Status :	Disconnect		S48153121119911 0800_MSM4 0800_RTD 2000SCMRX	
Active:	\bigcirc		0800_RTCM30 2000_RTCM30 galaxy	
Ntrip Version:	NTRIPv1.0	•	2000_RTD 0000SCMRX 2000_MSM4	
Authentication Mode:	Zagle Mode LARK Mode		S1111111188195 S4815A117085859 s82565117179525 S82-c2	_
NtripCaster Address:	58.248.35.130		502 02	

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

WELCOME	admin 866265123180302 [lo	gout]	> Position Information			
	Status		Location:			
	System Information	=	Lat: 23°7′33.900276″N	Lon: 113" 22' 6.126824" E	Alt: 31.252930 m	Ellipsoid: WGS-84
			RTK Status:			
	Position Information		Solution: Fixed	Correction Delay: 1	HRMS : 0.008	VRMS : 0.015
*	Configuration	H	Base X: -2334976.806700	Base Y: 5384951.363400	Base Z: 2487862.695800	Base ID:0690
*	Satellite Information	H	Diff. format : RTCM			
.11	Data Record	H	Tracked Satellite(29):			
	Data Transfer	H	GPS (9) : 3, 14, 16, 22, 23, 26, 2	7, 31, 32	GLONASS (9) : 6, 7, 8, 9, 10, 16,	18, 19, 20
۲	Network Config	•	BDS (11): 1, 2, 3, 4, 5, 6, 7, 8, 9	, 10, 15	GALILEO (0):无	
±	Firmware Update		SBAS (0):无		QZSS (0):无	
24	Liser Management		Used Satellite(17):			
	oser management	-	GPS (9) : 3, 14, 16, 22, 23, 26, 2	7, 31, 32	GLONASS (8) : 6, 7, 8, 9, 10, 18,	19, 20
2	Help	+	BDS (0):无		GALILEO (0):无	
			SBAS (0):无		QZSS (0):无	

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



 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

LBS Mana	
Current Equipme	ent -S66265123180302
	Working mode: Rover Datalink: WIFI Solution: Fixed Network state: Login Expired date: 20160821
Connection type	Bluetooth >
Device list	S66265123180302 >
Setting	Disconnect

Switch the data link into WIFI

+ossta ● € 2 û = < Settings	\$ © \$° al an 77% ■D 11.04
Working mode	Rover >
Rover Setting	>
Static Setting	>
Datalink	WIFI >
Network Setting	>
Satellite System	>
Satellite Tracking	>
Status	>
General Setting	>

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

+0000 al 💿 🛱 🔀 👌 🖽	≹ ত হি না না 77% 🖿 📢 😽	+000	å® 6 13 A ⊟	≉ ৫ ⊜ ী।। ী	76%		\sim
< WIFI	MANAGE SAVE	<	WIFI Setting	1			WE.
IP	58 248 25 120	IP	Refresh WIFI lis	t			30
	56.246.55.150	Ro	FAST_98EC9A		5	0	10
Port	2010	FU	ChinaNet-1			0	10
Username	usr	Us	Snowy			0	JSF
Password		Pa	OHYEAH		8	0	**
Mode	NTRIP >	Mc	кк		ê 1	0	>>
Couractable	PTCM20 \	So	wxj		8 3	0	12
Sourcetable	RTCM30 7	86	Xiaomi_PRINT			0	
WIFI Setting	Snowy >	WI	LINE_3			0	13
			holike_adm		8 3	0	
			TP-LINK_tunan			0	
	Disconnect		14		-	- ~	

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



11.55 2	2.00	
Login		C)
		garry (topo) (
	S660P Web Server	
	Usemane:	
	Password:	
	Loger. Read	

Bits Control Control Disc Disc	51796778 ny: 10 14985 0003 Base J	AL 36.01589 m 1.1337 2. 6006000	Dipace #0544
Name Jose Collipsion Call (273 MBVRs dans 102) Call (274 MBVRs dans 102) Call (274 MBVRs dans 102) Call (274 MBVRs dans 102) Datas (2015) (2014) Call (274 MBVRs dans 102) Call (274 MBVRs dans 102) Call (274 MBVRs dans 102) Call (274 MBVRs dans 102) Call (274 MBVRs dans 102) Call (274 MBVRs dans 102) Call (274 MBVRs dans 102) Call (274 MBVRs dans 102)	51796791 og: 19 +6365 0005 - Base J	AL 31.01589 m 1.1317 1. 400600	Digaset: 802-44
Configuration Co	54736771 ny 19 14545 0005 Base 2	42: 32.013809.54	Uppanet: #025-64 URANE: 1.909 Base Gr. 0127
Jackits Antonnis Image: Statement Constrainty Data Statement Constrainty Statement Constrainty Data Statement Constrainty Image: Statement Constrainty Basis Statement Constrainty Image: Statement Constrainty Basis Statement Constrainty Image: Statement Constrainty Finance Constrainty Image: Statement Constrainty Image: Statement Constrainty Image: Statement Constrainty Image: Statement Constrainty Statement Constrainty Image: Statement Constrainty Statement Constrainty Image: Statement Constrainty Statement Constrainty	ny 10 militi 1000 ilian J	1 1.337 1. 0.000000	18885. 1.909 Rees G: 0117
Bata Record Calence Adversaria Calence Adversaria Data Record Calence Adversaria Calence Adversaria Data Record Calence Adversaria Calence Adversaria Minus Adversaria Calence Adversaria Calence Adversaria Viewer Upder Calence Adversaria Calence Adversaria	DOD Base 2	1: 0:000000	Rane G: 0127
Data Trunch Classics Data Konstruction Data Konstruction National Config Data Konstruction One Status			**************************************
Network Config Environment Fernissen Update 09/2016: 13.05.14.14.22.32.02.72.11 Valer Management 80/001: % Help 158.04.01.02.13.11.00			
Fermione Update GP010: 18114182232522731 User Management GP000: X Herp GP000: 20125173140			
Uver Management C 80503: 3 Help S54506 120120137140	0.04	435/W 783.101320	
Hep D SANG DUDUTING	GALL	N :100	
	02591	R: R	
Used Safukbe(7)			
699/7): 9.54.56.22.26.27.38	0.04	E (101)	
809(0) X	GALL	(0)(I): R	
5845(3) R	Q2301	8.8	
Receiver Dick:			
GPG areak: 1918 GPG areard:	387177.0 Tere:	2016-5-26 11:36 17:8	
Speed:			
E: 4.01(mol N: 0.00(mol))	00.0	04(mm)	
80P.			

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