

Q&A: Venus work with T/N series receiver

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In point to point mode, the correction data is transmitted from the base station to the server, then rovers can log on the server to get the correction data.

Tip: ComNav technology provides a free static server address, anyone can upload CORS data as long as abide by the agreement.

● Preparation

One T/N series receiver as a Base

One Venus as a Rover

One SIM card, need to insert in T/N series receiver

● Configure T/N series receiver as a Base

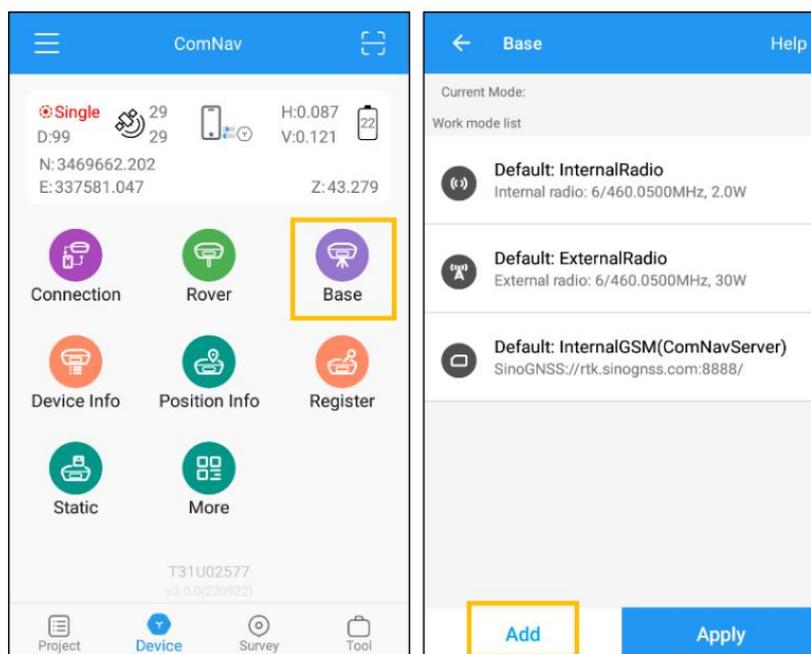
1. Insert SIM card in T/N series receiver before power on T/N series receiver

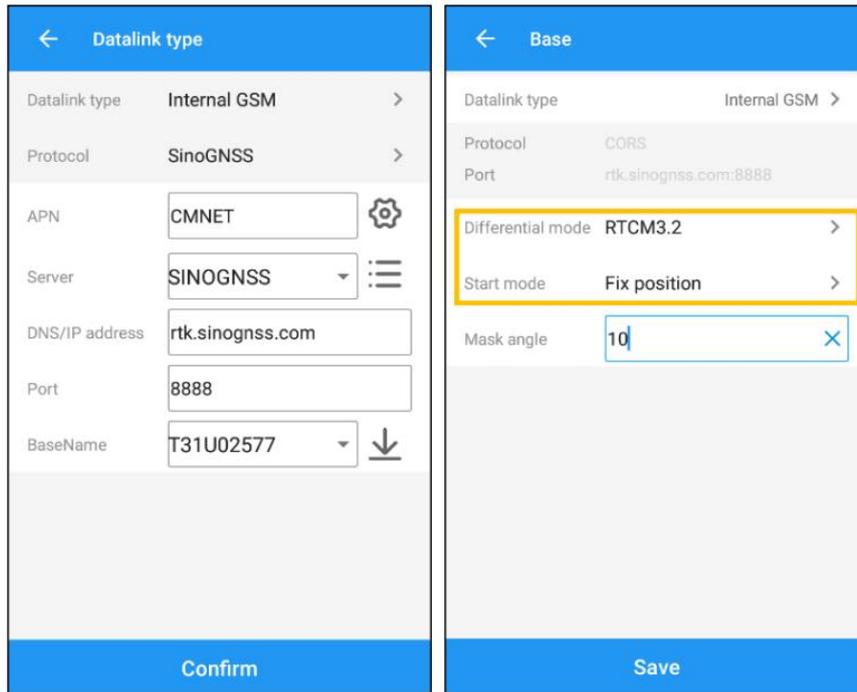
2. Configure T/N series receiver as a Base

The following figures show the Base configuration with internal GSM transmission in Survey Master.

(1) Connect T/N series receiver by Bluetooth in Survey Master

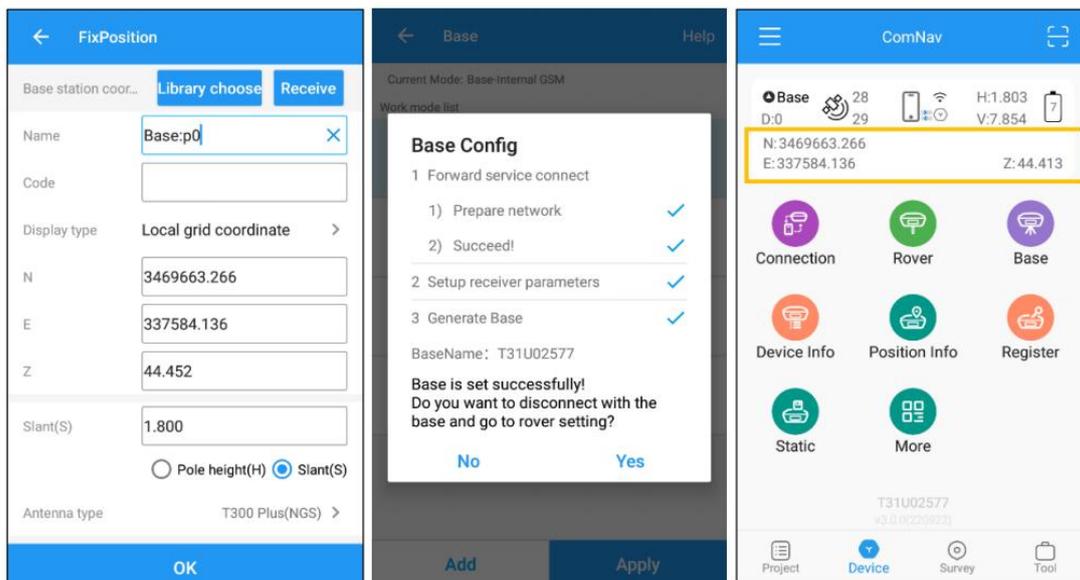
(2) Set up Base internal GSM mode





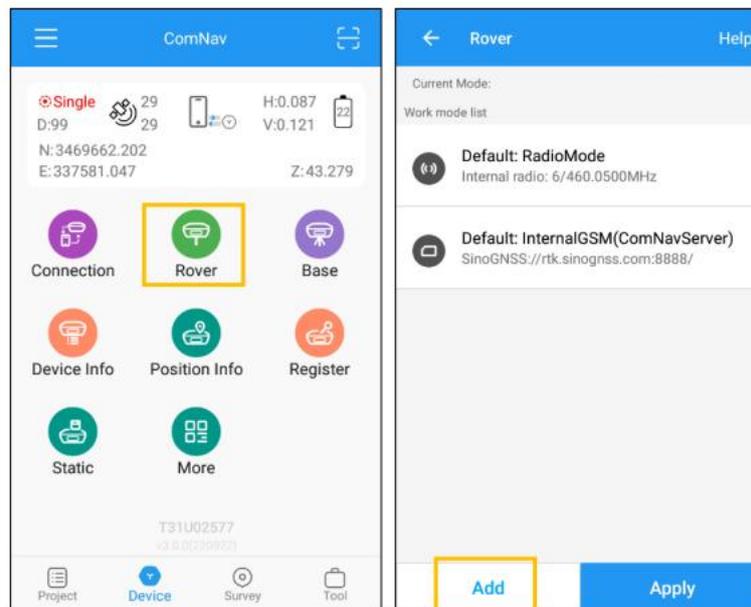
Below shows Base configuration with ComNav server:

- **Server:** select SINOGNSS server(*rtk.sinognss.com* and **Port:8888**)
- **BaseName:** Click BaseName download icon to get SN of Base receiver directly, when start Rover, just select the name as source
- Differential mode: make sure to choose **RTCM32**
- Fix Position: Click **Library choose** to select a known point for the Base, or **Get** from GNSS if you do not have a known point.



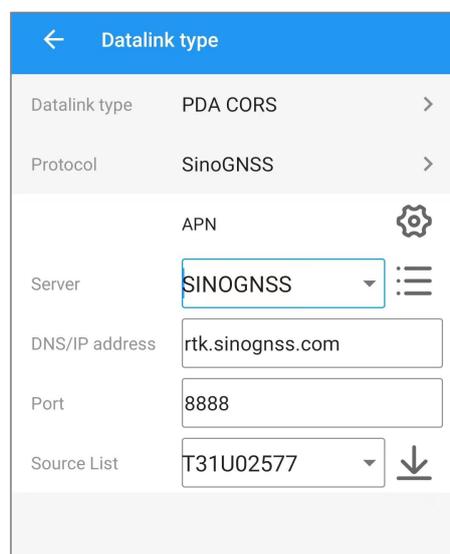
● Configure Venus as a Rover

1. Make sure your controller can access to internet via SIM card or Wi-Fi, then run Survey Master.
2. Set up Configure Venus as a Rover
 - (1) Connect Venus by Bluetooth in Survey Master
 - (2) Set up Rover PDA CORS mode



Below shows Rover configuration with ComNav server:

- **Server:** select SINOGNSS server(**rtk.sinognss.com** and **Port:8888**)
- **Source List:** Click Source List download icon to get all source list, and choose the same Base name you set up in Base



● **Finish all configuration**

After set up Rover PDA CORS mode of Venus, you can check the status of Venus. It should be fixed.

