CHCNAV

How to use CHC APIS function with NX510SE

Prerequisites

Hardware: NX510SE system & I50 RTK BASE & two SIM cards
Software & Firmware:

a) AGNAV3.0: Released version

b) PA-3 firmware: Released version

c) I50 firmware: https://chcnavigation.jianguoyun.com/p/DdmJGY0Q2Lf-BxjxsvIEIAA
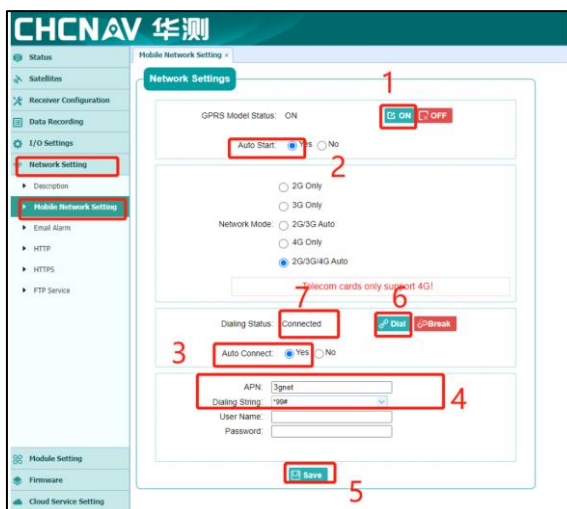
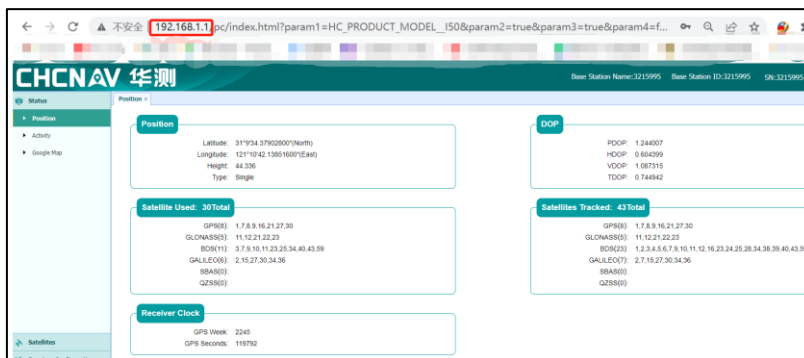## Contents

CHCNAV

Steps

Part A. i50 RTK BASE APIS setup

It is necessary to insert SIM card into i50 to get the cellular internet. Also It is necessary to upgrade to the i50 firmware version as listed above for using APIS function if the i50 is AG i50 which PN is 1150433695145, **but pls do not upgrade if the i50 is previous regular RTK i50 which PN is 1150432195145**.
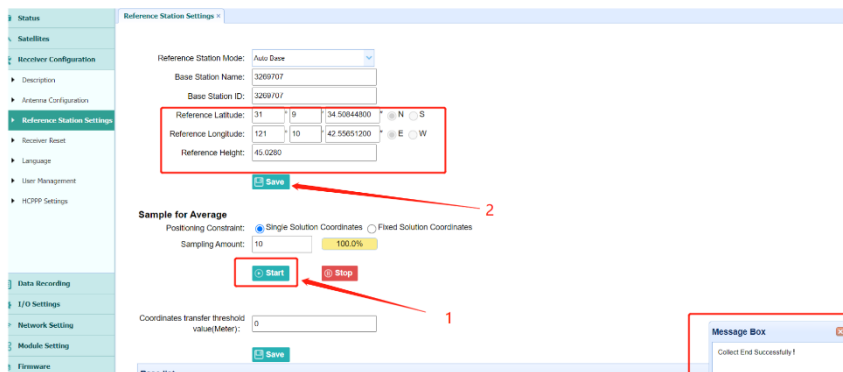
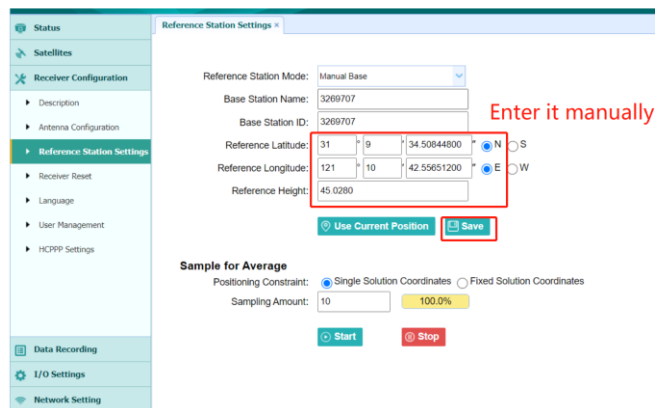a) Go to Network Setting---Mobile Network setting, set up SIM card information then dial as information below.

b) Connect to i50 WIFI with PC/cellphone, enter 192.168.1.1/pc in the google browser(user name is "admin", password is "password")
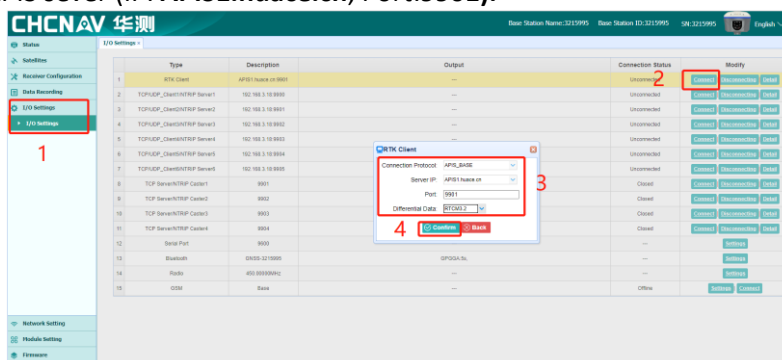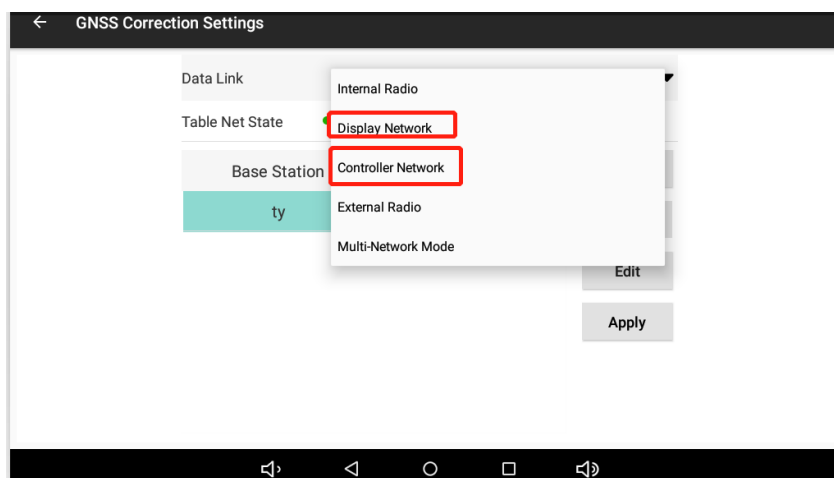

c) Set up **Auto Base/Manual Base** as what are needed.

d) Go to **I/O settings---RTK client**, click connect to set **APIS_BASE** with **RTCM3.2** output to CHCNAV APIS sever (IP: **APIS1.huace.cn**; Port:**9901).**
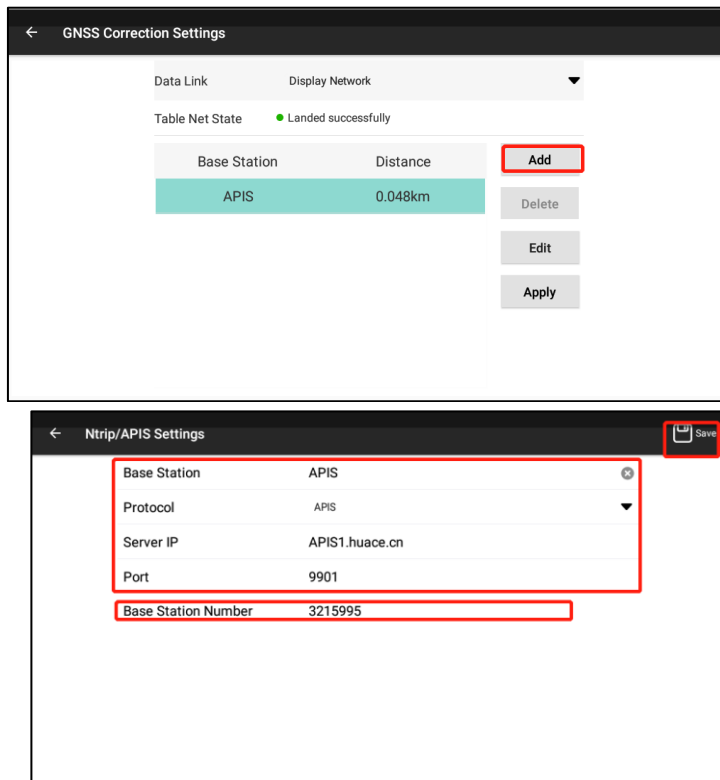

Part B. NX510SE APIS setup

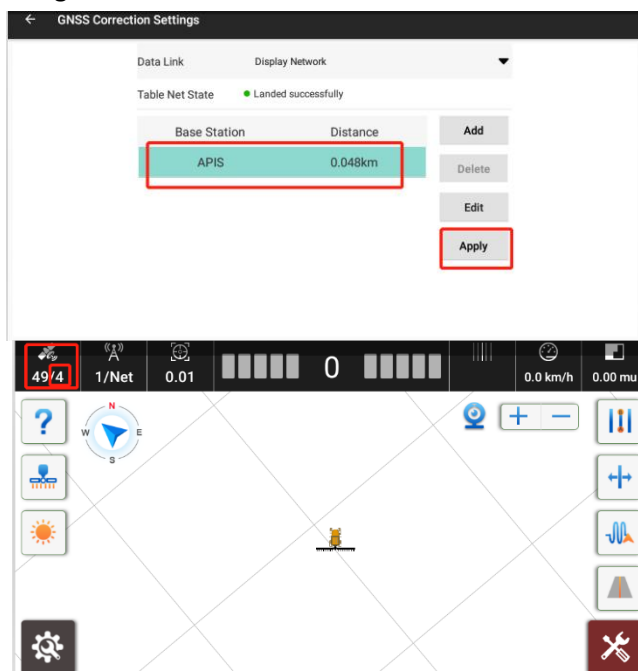It is necessary to upgrade the AGNAV software and PA-3 firmware as listed above for using APIS function.

a) After run the software, pls go to **Setting---Receiver**, select **Display Network/Controller Network** which depends on that customers insert SIM card to the tablet or Controller.

b) Click **Add** to add an APIS configuration, enter CHC APIS server IP: **APIS1.huace.cn**; Port:**9901;**
   Also base station number should be I50 base SN, finally Click **Save**

c) Click **Apply** to get APIS configured and see the distance from i50 Base, finally go to the main
   screen to check if it will get Fix solution.

CHC Navigation

Building C, 577 Songying Road, Qingpu, District,
201702 Shanghai, China

Tel: +86 21 542 60 273 | Fax: +86 21 649 50 963

Email: sales@chcnav.com | support@chcnav.com

Skype: chc_support

Website: www.chcnav.com

Shanghai Huace Navigation Technology Ltd.
Building C, 577 Songying Road, Qingpu, District,
201702 Shanghai, China

WWW.CHCNAVCOM
Tel: +86 21 54260273
Stock Code:300627