How to upgrade the firmware or board of a receiver

Technical FAQ

Aug 2024

Receiver Firmware updating

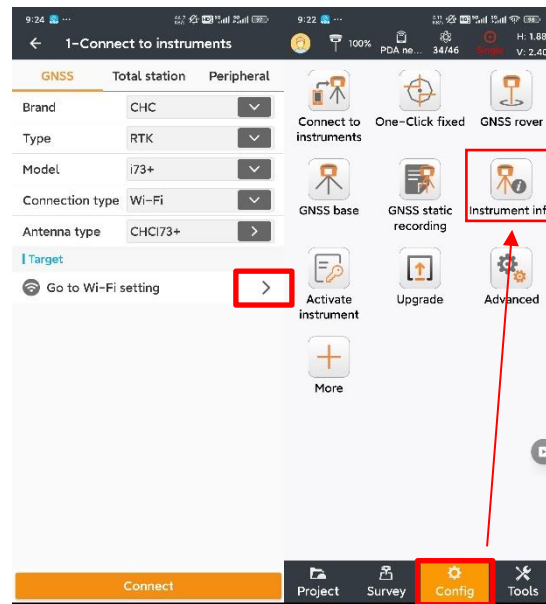We offer three ways to upgrade the firmware or oem board firmware of a receiver.

1) upgrade the firmware through the receiver's webpage

2) upgrade the firmware through controller and LandStar software

3) upgrade the firmware through receiver's USB function

<mark>Noted: Firmware upgrade, the receiver battery must be greater than 50% or they are charging, and don't turn off receiver</mark>

1. Controller Upgrade

Steps:

1) Open the LandStar software. **Connect the receiver to the controller via WiFi**.

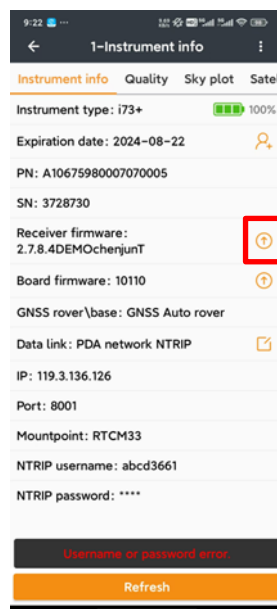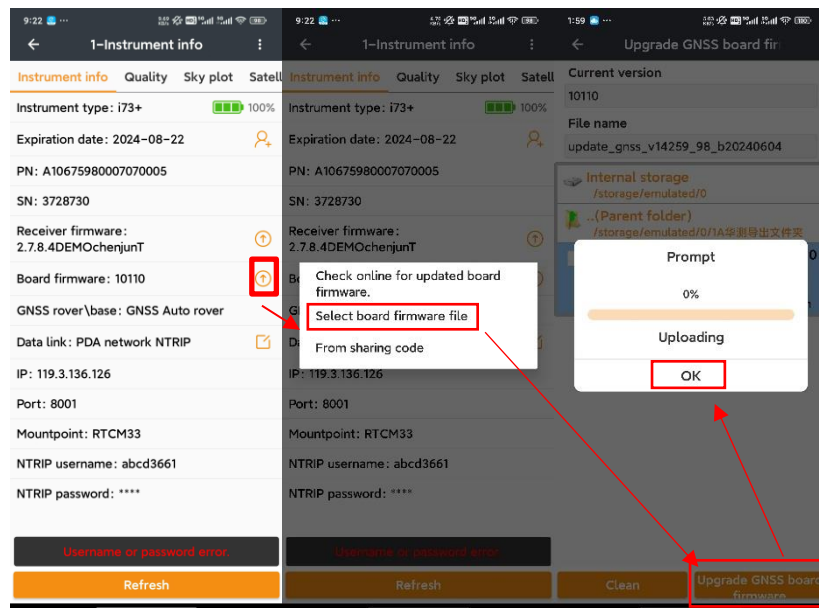2) Click the config option. Then select the Instrument info option.

3) click the upgrade option after the Receiver firmware/Board firmware

4) you can select :
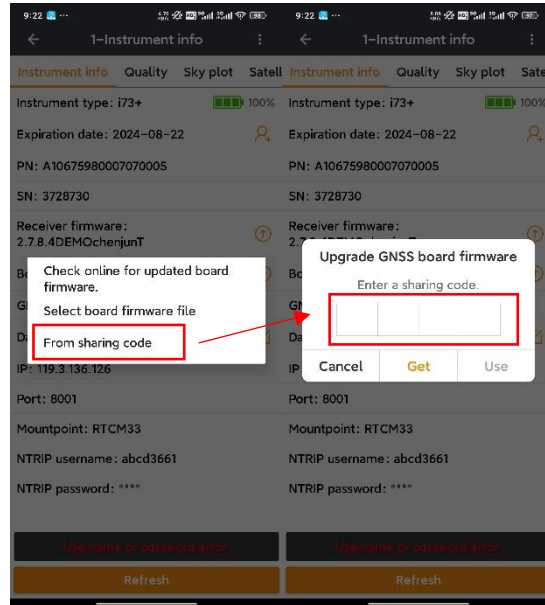
<mark>We take firmware upgrade as an example.</mark>

Check for new firmware online（not currently support）

Select a firmware file(It is necessary to copy the firmware to the controller memory in advance. The firmware can be obtained by contacting the dealer or regional technical support engineer)

Noted: The receiver firmware upgrade is similar as board firmware, you can click the upgrade option after the Receiver firmware

From sharing code(Need to log in to CHCNAV cloud service and use the cloud service to share firmware online)
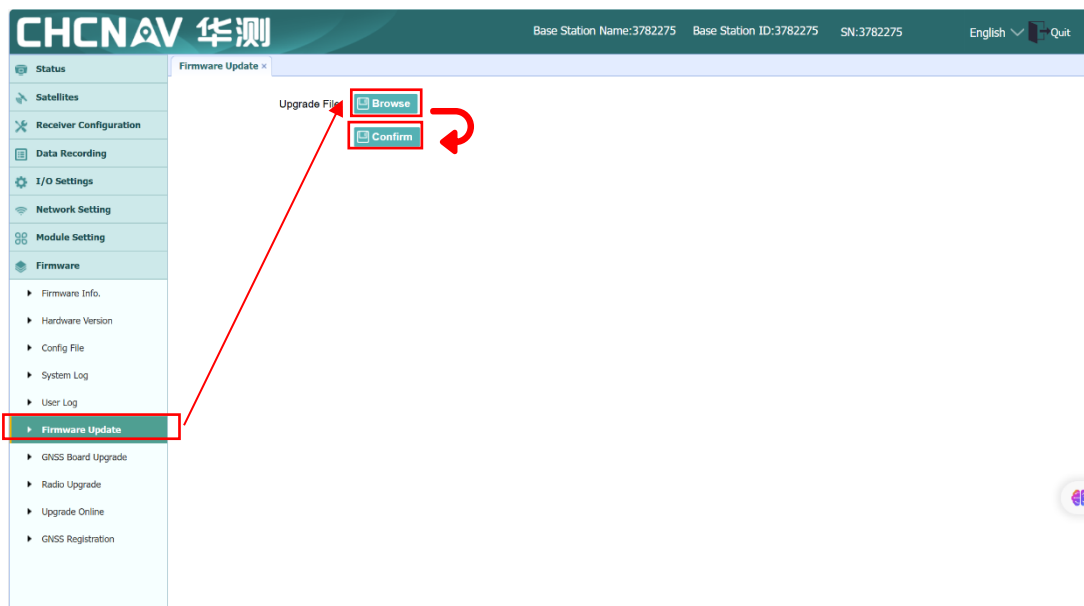
2. Webpage upgrade

Steps:

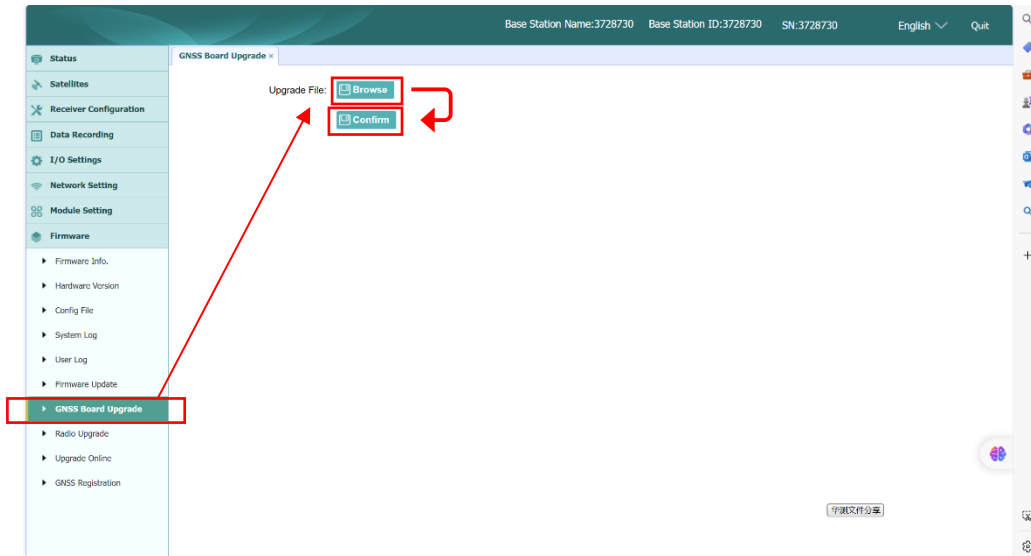1) First use your computer or moible phone to connect to the receiver's wifi (the name is the receiver's SN number)

2) Open the browser and enter the page with the URL 192.168.1.1.
Noted: login account: admin,password: password

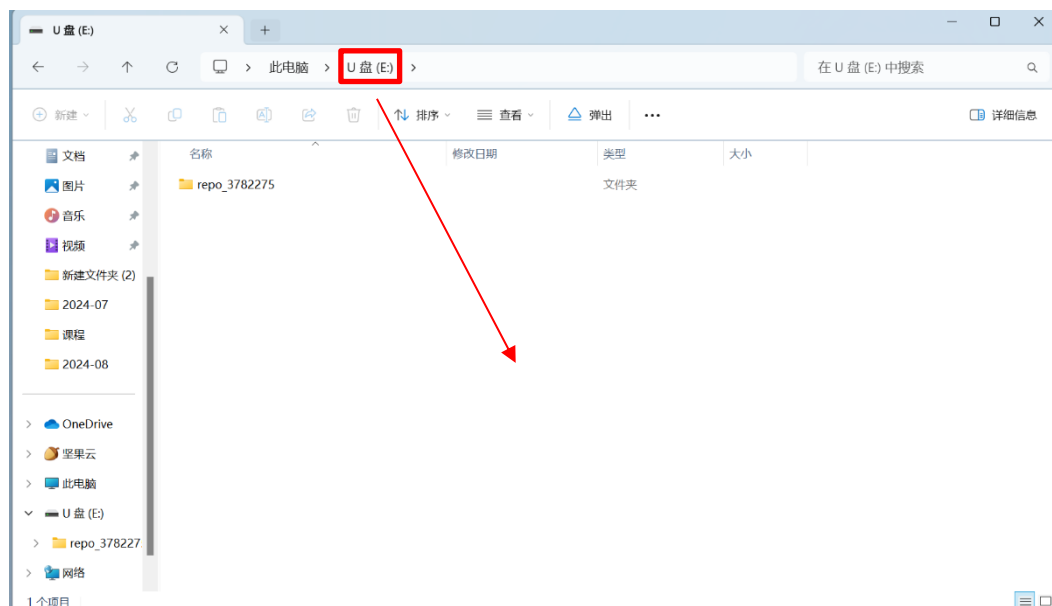3) Select the firmware or board upgrade option, click browse to select the file, and then select confirm.

<mark>Noted: Please place the corresponding files in the correct locations.</mark>

3. Receiver's USB function upgrade

Steps:

1) Connecting the receiver to the computer using the data cable
   <mark>Noted: Receiver uses Type-C connector</mark>

2) Put the upgrade file in the root directory of the receiver, turn on your receiver and let it upgrade automatically; it will take about 5 minutes.

(<mark>Noted: Only one upgrade file can be put in at a time, and the upgrade file can be requested from your local reseller or technical support staff.</mark>)

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