Carlson Software Inc.
33 East 2nd Street
Maysville, KY 41056

www.carlsonsw.com
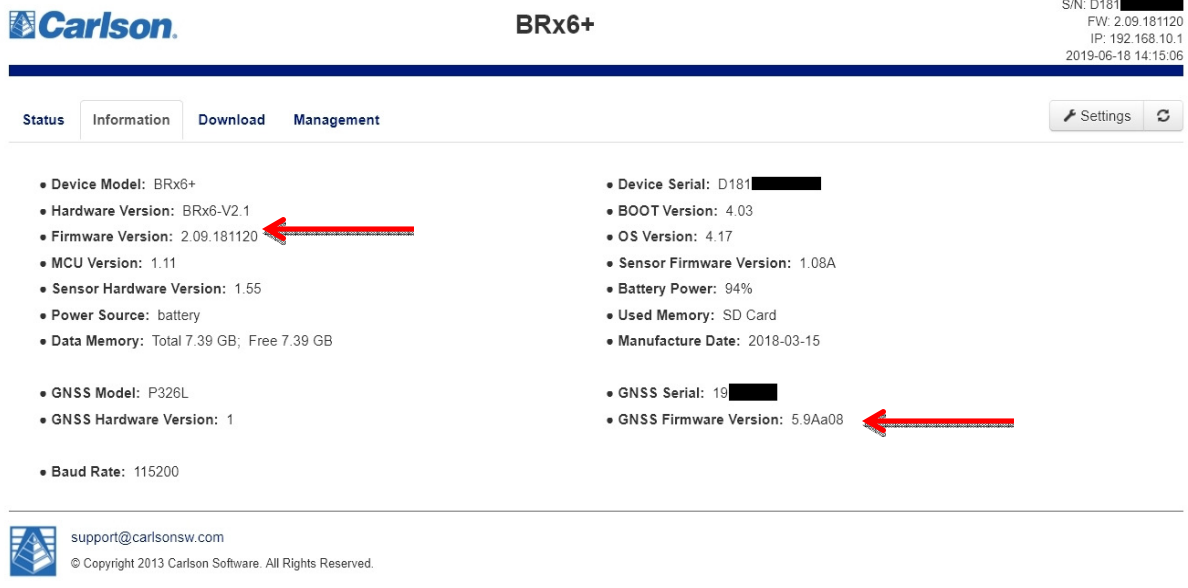Phone: (606) 564-5028
Fax: (606) 564-6422

Instructions to Upgrade the Carlson BRx6+ Firmware

You can click the link below for the current BRx6+ firmware files:
http://www.carlsonsw.com/support/knowledge-base/?action=display_topic&topic_id=1169

Follow these steps to upgrade the Firmware:

1. Download the "BRx6plus_GNSS_059Aa08.bin" and "BRx6plus_WebUI_2.12.190724.bin" files from the Knowledge Base article in the link above onto your computer.
2. Power on your BRx6+
3. Connect to your BRx6+ by WiFi using the WiFi manager and finding the BRx6+ serial number in your list of available WiFi connections.
4. Open your web browser and in the URL address bar type the following IP address, then hit ENTER: 192.168.10.1
5. If prompted for user name and password, use the following:
    a. User Name: admin
    b. Password: s321
6. Some computers are unable to connect to the BRx6+ via WiFi. In most cases, going into Device Manager and upgrading the WiFi driver resolves this problem.
7. The WebUI Interface should now be displayed.
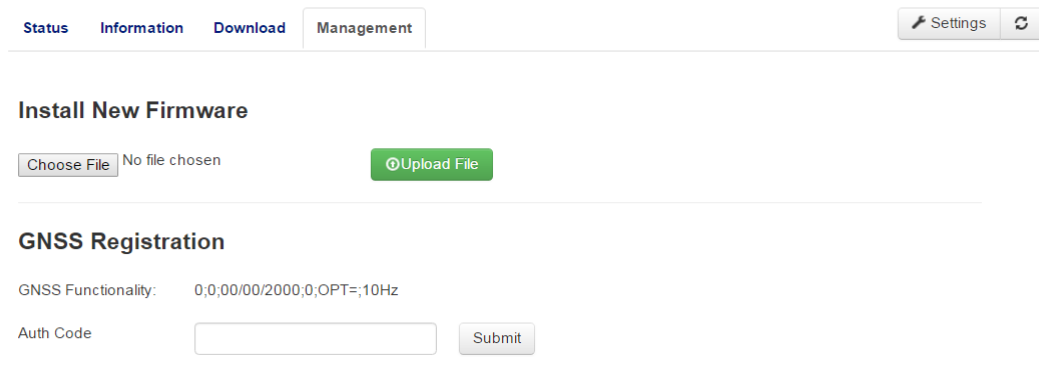8. Select the Information tab. It will look similar to this:

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9. If the Information tab shows a Firmware Version in the top left lower than 2.12.190724 you can use the steps below to upgrade to the newest **WebUI Firmware 2.12.190724**

10. To install the firmware you will go to the Management tab (shown below), click on the Choose File button, choose the "**BRx6plus_WebUI_2.12.190724.bin**" WebUI firmware file, then click on the upload file, let the file upload, then select Yes to install.

11. After the upload is completed you will need to reconnect to the BRx6+ with WiFi to check the Information tab and make sure it displays *Firmware Version* **2.12.190724**

12. If the Information Tab shows a GNSS Firmware Version less than 5.9Aa08 in the bottom right then you can click the Management tab and click on the Choose File button, choose the "**BRx6plus_GNSS_059Aa08.bin**" GNSS firmware file, the click on the upload file, let the file upload, then select Yes to install to upgrade to the newest GNSS Firmware Version 5.9Aa08

13. The BRx6+ does not power cycle after updating the GNSS firmware

14. After the upload is completed you can click the Information tab and make sure it displays *GNSS Firmware Version* **5.9Aa08**

15. It is recommended you turn off the BRx6+ at this point to complete the process then you can power it back on and test it outdoors with a clear view of the sky to verify it is functioning properly after the updates.