

## **iG10** Firmware Update



## iG10 Web Interface

The iG10 web interface allows detailed configuration of the receiver.

The iG10 receiver has an internal Wi-Fi Access Point which can be used in conjunction with a PC or smartphone to configure and control every feature of the receiver including firmware updates.

This manual section describes how to connect to the head by Wi-Fi, the screens match desktop browsers. A mobile (cell phone) browser may be different.

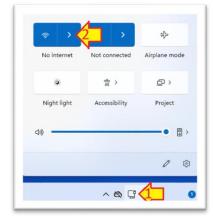
## Connecting a computer

Connect a computer to the iG10 receiver using Wi-Fi.

Device Wi-Fi overview:

| SSID:<br>Wi-Fi Key: | iG10xxxxxxxxxx<br>Sxxxxxxxxxxxx<br>(open) | iG10 followed by the serial number, or<br>S followed by the device-serial-number<br>no password is needed, connection is |
|---------------------|---|--|
| open                |   |  |
| address:            | 192.168.10.1                              |  |
| port:               | 80  |  |
| User Name:          | admin                                     | lower case   |
| password:           | password                                  | lower case   |

To connect the iG10 to your PC with Wi-Fi, on the PC system tray click on the network icon (1) then click on the Wi-Fi list button (2):



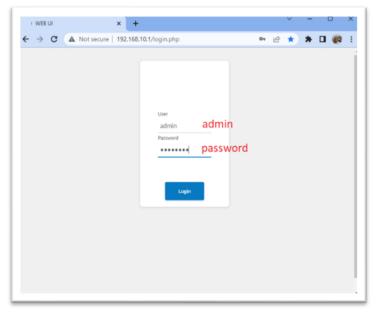
Click on the Network icon in the System Tray



Find the iG10 receiver:

| ÷   | Wi-Fi   |
|-----|---|
| ((r | <b>S9144A2220154</b><br>Open                                      |
|     | Other people might be able to see info you send over this network |
|     | Connect automatically   |
|     | Connect   |
|     | Wi-Fi settings  |

Click on **Connect**. Wait a moment for the connection to be completed. If a dialog noting there is no internet available from the connection, choose to 'stay connected'.



Open a browser window and browse to the IP address: 192.168.10.1:

Enter 'admin' for the User and 'password' for the Password, then click Login



The main interface 'Dashboard' window will be shown:

| ÷  | C A Not secure   192.       | 168.10.1/?nav=index            |                     |                   |  | ie 🖈 🕈 🖬 🌾             |
|----|-----------------------------|--------------------------------|---------------------|-------------------|--|------------------------|
|    |                             | 🚔 S9144A222015                 | 54                  |                   | 77)74%                                   | e د ر)                 |
|    | Dashboard                   | 4                              | Working Mode        | ×.                | Satellites<br>PS: 4. BeiDou: 4. GLONASS: | Status<br>Never Expire |
|    | Satellites<br>Static Survey | Working mode settings          | Base 500            | Satelite settings | 3, GALILEO: 3                            | nagement               |
|    | Download Raw Data           |                                |                     | 0. successory     |  |                        |
| 1  | Working Mode                | Position<br>Actual coordinates |                     |                   | Status<br>Receiver status                |                        |
| 9, | Satellite Settings          | Latitude                       | Longitude           | Height            | Actual datalink setting                  | External               |
| 8  | Device Settings             | 40.885964480°                  | -109.184479202°     | 1709.693 m        | Position Status                          | Base                   |
|    | Save Backup & Logs          | M Show in map                  |                     |                   | PDOP                                     | 1.480                  |
| () | Information                 |                                |                     |                   | HRMS                                     | 0.000                  |
| 畏  | Management                  | Time<br>Receiver time          |                     |                   | VRMS                                     | 0.000                  |
|    |                             | Local Time                     | 2023-03-10 22:01:50 |                   | Battery                                  | 77%,74%                |
|    |                             | UTC Time                       | 2023-03-10 22:01:50 |                   |  |                        |

Click on Management on the left panel.

|              | date firmwre   |
|--------------|--|
| /ou can upgr | ade the receiver firmware, GNSS firmware, radio firmware and 3G module firmware here |
| Choose File  | No file chosen   |
| Submit       |  |

Click on Choose File, browse to one of the three firmware files, select it and click Submit. The Preferred order is:

Mainboard (a reboot and reconnect will required after update)

OEM

Radio

If the receiver reboots, it will be necessary to reconnect to it by Wi-Fi after the reboot.

