



Using Trimble Web UI To install a Trimble CenterPoint RTX Code

Before starting this process, you must hard boot your receiver.

To perform a hard boot:

Turn the receiver on and let it fully power on

With the receiver running press and hold the power key

Keep holding the power key (the entire process will take a minute or so)

The Satellite light will go off

Keep holding the power key

The satellite light will come back on

Keep holding the power key

The satellite light will go back off

Now let go of the power key

The power key will light up as solid light and stay that way for approximately 1 minute

If the power key does not stay on for a minute before the receiver boots up, then the reset was unsuccessful. Repeat all steps and make sure to not let go of the power key.

Step 1

Connect Trimble R12i to Laptop or TSC7 using WIFI

Turn your receiver on. From your laptop or TSC7 view your wireless networks. Find the receiver. It will be labeled Trimble GNSS then the last four digits of the serial number (e.g., Trimble GNSS 1234).



Vectors Inc.

 VectorsArmNet

 woody
Connected

 Trimble GNSS 1235
Open

Other people might be able to see info you send over this network

Connect automatically

Connect

 CoopersClub

 JamesR

 A

Network & Internet settings
Change settings, such as making a connection metered.

 Wi-Fi

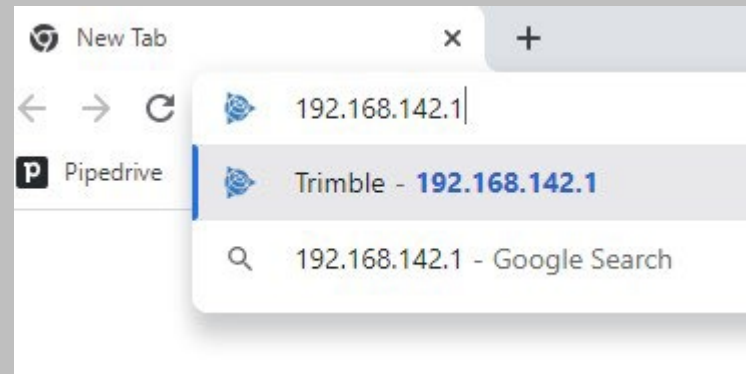
 Airplane mode

 Mobile hotspot

Step 2

Open Internet Browser

- Open your internet browser and type 192.168.142.1 in the address bar



Step 3

Type in Username and Password

You should have performed a hard reset of your receiver before starting this operation. A hard reset will reset your username and password to the defaults. Default username: admin; Default password: password

Security
Firmware

Login



User Name:
Password: 

Step 4

Create New Username and Password

The first thing you will need to do is create a new medium or strong password. Click the update button.

A Medium or Strong password is required. Increasing length, using uncommon words, or mixing upper/lower case, numbers, and punctuation increase password strength.

User Name:

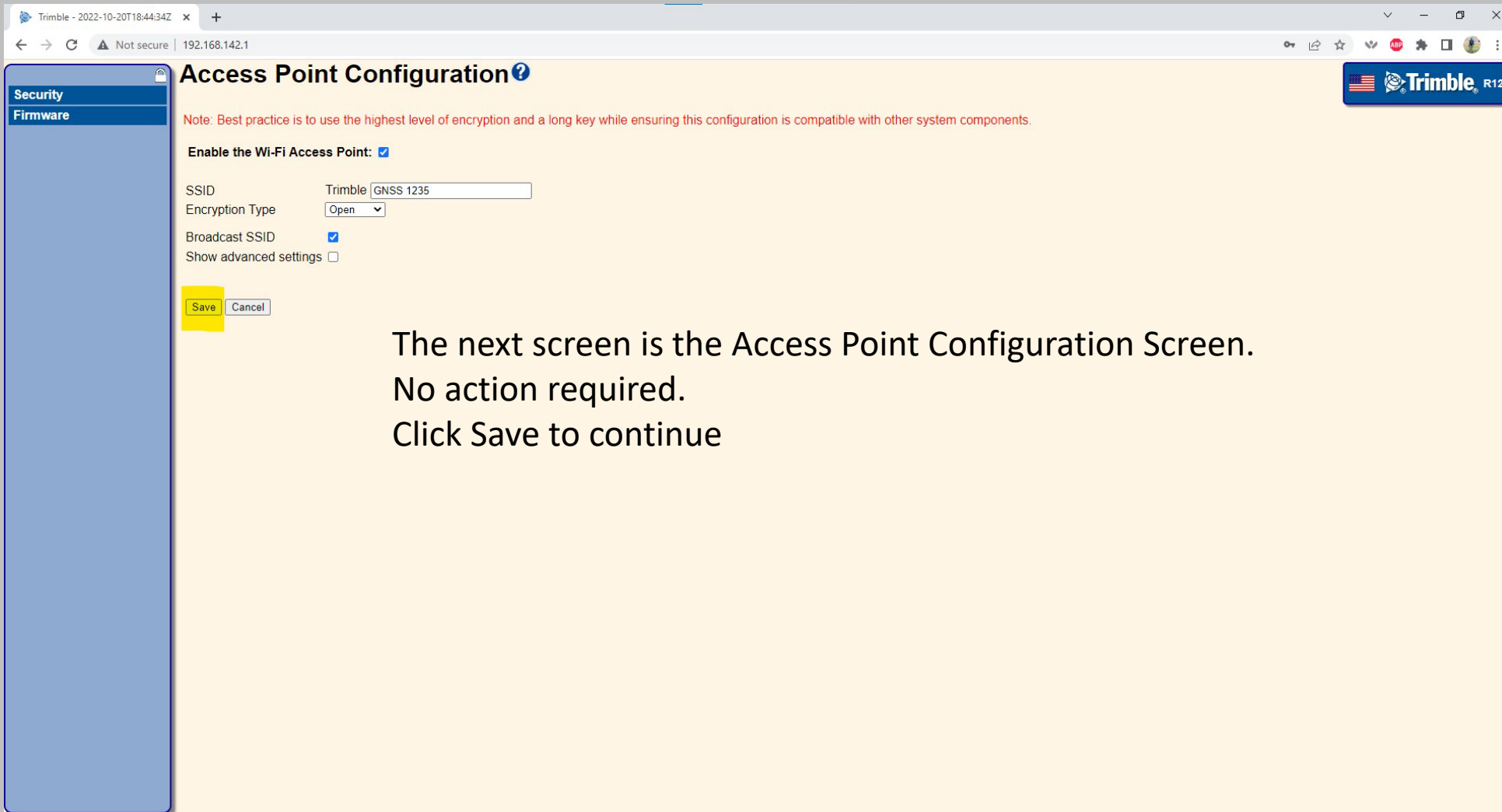
Old Password:

New Password: Strong

Verify New Password: Matching

Enhanced Security is enabled on this device.

- This enables a number of security enhancements, including improved login security. You must set at least a 'medium' strength password for the 'admin' account at this time.
- After completing initialization, you may adjust the security settings on the Security / Configuration page.



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Not secure | 192.168.142.1

Access Point Configuration

Note: Best practice is to use the highest level of encryption and a long key while ensuring this configuration is compatible with other system components.

Enable the Wi-Fi Access Point:

SSID Trimble GNSS 1235

Encryption Type Open

Broadcast SSID

Show advanced settings

Save Cancel

The next screen is the Access Point Configuration Screen.
No action required.
Click Save to continue

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Not secure | 192.168.142.1

Activity?

Receiver Status

- Satellites
- Data Logging
- Receiver Configuration
- I/O Configuration
- Bluetooth
- Radio
- GSM/GPRS Modem
- MSS Corrections
- Network Configuration
- Wi-Fi
- Security
- Firmware
- Help

Satellites Tracked:23

GPS (8): 1, 10, 21, 22, 23, 25, 31, 32
GLONASS (2): 7, 21
Galileo (5): 2, 7, 8, 13, 26
BeiDou (5): 20, 23, 29, 32, 37
SBAS (2): 131, 133
MSS (1): CONNA

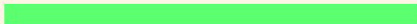
Input/Output:

Input : MSS Demodulator - OmniSTAR

Temperature: 37.60°C
Runtime: 00:23:00
Power Source: Battery 1


Wireless Connections:

Wi-Fi Access Point - Up and connected

Disk: [5913MB/6144MB] 

Port 1: [0% / 0.00V]

Port 2: [0% / 0.00V]

Battery 1: [87% / 7.96V] 

2022-10-20T18:45:54Z (UTC)

Trimble R12i 6214F01235

The screen you are now viewing is the main dashboard of the receiver. The receiver activity is displayed on the right side. The Receiver controls are available through the tree on the left.

Step 5



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Not secure | 192.168.142.1

Trimble R12i 6214F01235

Activity?

- Receiver Status
- Satellites
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- Radio
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- Network Configuration
- Wi-Fi
- Security
- Firmware
- Help

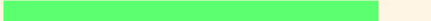

Satellites Tracked:23

GPS (8): 1, 10, 21, 22, 23, 25, 31, 32
GLONASS (2): 7, 21
Galileo (5): 2, 7, 8, 13, 26
BeiDou (5): 20, 23, 29, 32, 37
SBAS (2): 131, 133
MSS (1): CONNA

Input/Output:
Input : MSS Demodulator - OmniSTAR

Temperature: 37.68°C
Runtime: 00:23:49
Power Source: Battery 1

Wireless Connections:
Wi-Fi Access Point - Up and connected

Disk: [5913MB/6144MB] 
Port 1: [0% / 0.00V]
Port 2: [0% / 0.00V]
Battery 1: [87% / 7.96V] 


2022-10-20T18:46:44Z (UTC)

javascript:mainMenuItemClicked(0,xml/activity.html)

Select Receiver Status from the command tree on the left

Step 6

Receiver Options

Select Receiver Options

Firmware Warranty Date: 2023-05-31

Precision Capability	Base	RTK	
	Rover	Precise RTK	
Frequency	Triple Frequency Tracking	Installed	
Constellation	GPS	Installed	L1-C/A, L1C, L2E, L2C, L5
	SBAS	Installed	L1-C/A, L5
	GLONASS	Installed	L1-C/A, L1P, L2-C/A, L2P, L3
	Galileo	Installed	E1, E5-A, E5-B, E5-A1/BOC, E6
	BeiDou	Installed	B1, B1C, B2, B2A, B2B, B3
	QZSS	Installed	L1-C/A, L1C, L2C, L5, L6
	IRNSS	Installed	L5-C/A
Correction Services	xFill	2099-12-08	Subscribed
	CenterPoint RTX Fast	2022-11-11	Subscribed
	OmniSTAR HP/XP/G2/G4/G2+/G4+	2018-5-1	Expired
	OmniSTAR VBS	2012-7-13	Expired
Maximum Measurement Rate	20 Hz	Installed	
Communication	Bluetooth	Installed	
	Internal Radio	403-473 MHz	US-2013
	Wi-Fi	Installed	
	GSM/GPRS Modem	Installed	
Additional Features	Inertial Navigation	Installed	
	Binary Outputs	Installed	
	Data Logging	6 GB	
	NMEA	Not Installed	
	GNSS Subscription	Not Installed	

Option Detail

Option Code:

Copy and paste or enter the code from the email you received from Trimble in the Option Code Line.

Click Install Option



Colorado
10670 East Bethany Drive, Building 4
Aurora, CO 80014
Phone: 303.283.0343

New Mexico
5640 Venice Avenue NE, Unit J
Albuquerque, New Mexico 87113
Phone: 505.821.3044