



What if my mobile device
does not connect to the wireless network?

Modem Router - **NF4V**



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Some mobile devices, like smart phones and tablets, cannot connect wirelessly to the router. This is often caused by a compatibility issue of the mobile device with wireless security settings. This guide will take you through the steps to configure your router with the recommended wireless settings for mobile devices.

LOGGING IN TO THE WEB INTERFACE

1. Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type **http://192.168.20.1** into the address bar and press **enter**.
2. At the login screen, type **admin** into both the Username and the Password fields and click **OK**.

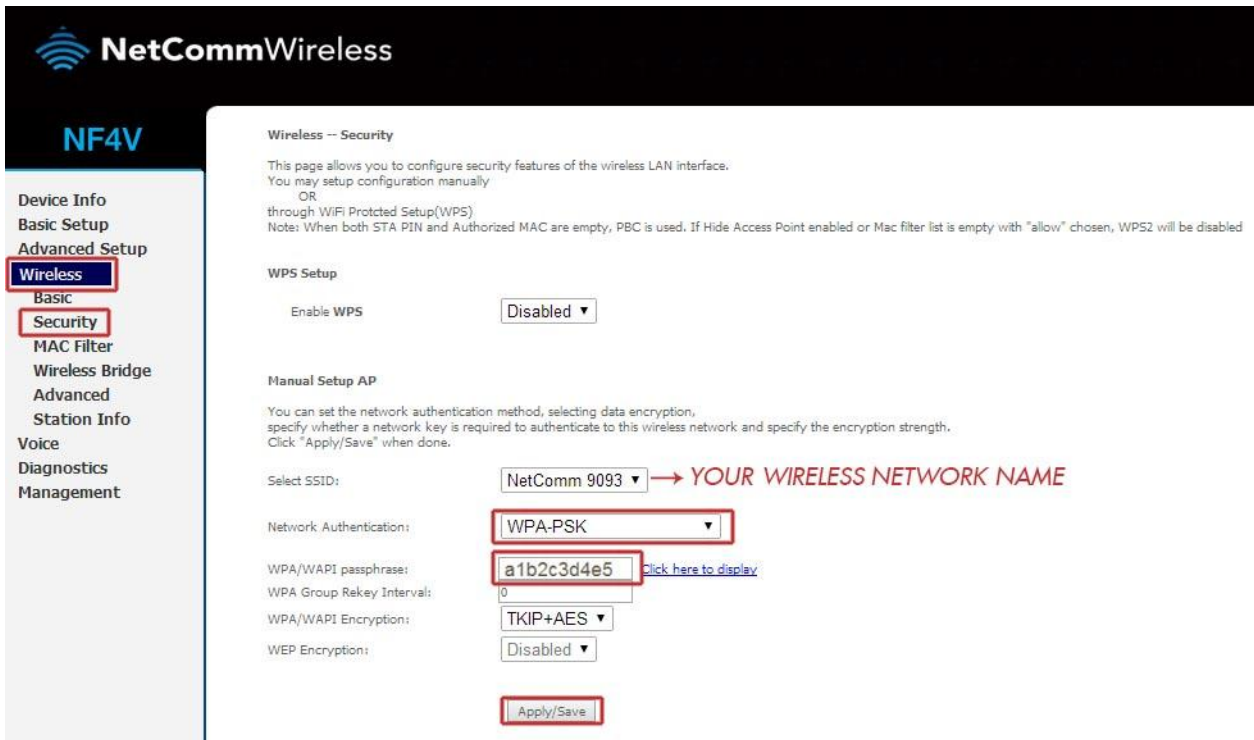


3. Click on **Wireless** menu then click the **MAC Filter** option



4. Ensure that the MAC Restrict Mode is **Disabled**. This will allow wireless devices connect to your router without needing to type in the MAC Address. Note that you will still need to use a wireless security key to connect in most instances.

5. Click on **Security** Option and ensure that the *Network Authentication* type is **WPA-PSK**. The example below shows the security or WPA/WAPI passphrase key as *a1b2c3d4e5*. You will need the security key to connect your device to the wireless network.



6. Click The **Apply/Save** button.



7. A small window will pop up and display the current wireless security key. The example below shows the security key as *a1b2c3d4e5*. You will need the security key to connect your device to the wireless network.



If you still cannot connect your mobile device using the WPA-PSK network authentication, use the WEP network authentication by following these steps:

1. In the Wireless Settings and Security option, change the *Network Authentication* type to **Open**, change *WEP Encryption* to **Enabled**

NetComm Wireless
NF4V

Device Info
Basic Setup
Advanced Setup
Wireless
Basic
Security
MAC Filter
Wireless Bridge
Advanced
Station Info
Voice
Diagnostics
Management

Wireless -- Security

This page allows you to configure security features of the wireless LAN interface.
You may setup configuration manually
OR
through WiFi Protected Setup(WPS)
Note: When both STA PIN and Authorized MAC are empty, PBC is used. If Hide Access Point enabled or Mac filter list is empty with "allow" chosen, WPS2 will be disabled

WPS Setup

Enable WPS: Disabled

Manual Setup AP

You can set the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength. Click "Apply/Save" when done.

Select SSID: NetComm 9093 → YOUR WIRELESS NETWORK NAME

Network Authentication: Open

WEP Encryption: Enabled

Encryption Strength: 64-bit

Current Network Key: 1

Network Key 1: a1b2c3d4e5

Network Key 2:
Network Key 3:
Network Key 4:
Enter 13 ASCII characters or 26 hexadecimal digits for 128-bit encryption keys
Enter 5 ASCII characters or 10 hexadecimal digits for 64-bit encryption keys

Apply/Save

2. The current wireless security key is the WEP Key that is selected. In this example, the network key is the **Network Key 1** which is *a1b2c3d4e5*. You will need the security key to connect your device to the wireless network.
3. Click the **Apply/Save** button.