

# Wireless Setup Guide

**NF17ACV FAQs** 

## Wireless Setup Guide

### Login to the web user interface

- 1 Connect a computer and the NF17ACV using an Ethernet cable. (A yellow Ethernet cable was provided with your NF17ACV).
- 2 Open a web browser (such as Google Chrome or Mozilla Firefox), type the following address into the address bar and press **Enter**.

http://192.168.20.1

3 Enter the following credentials in the User Name and Password fields:

User Name: admin

#### Password: admin



Login screen



Note – If no authentication prompt is displayed or you see a request time out message, refer to "What if I cannot access Web User Interface guide" from FAQs section.



## WiFi 2.4GHz / WiFi 5GHz

The NF17ACV allows you to maintain separate wireless settings for both 2.4GHz and 5GHz wireless services.

Select the service you want to use (or both) and separately configure them:

2.4 GHz Wireless configuration pages

- NF17ACV Device Info Basic Setup Advanced Setup Wireless 2.4 GHz Basic Security MAC Filter Wireless Bridge Advanced Station Info 5 GHz Voice
- 5 GHz Wireless configuration pages



- We recommend that you access the web interface over a wired connection (using Ethernet cable) to change the WiFi security key/password.
- Only the Advanced configuration page contains settings that are different for 5GHZ wireless services.



## Wireless – Basic

- 1 Navigate to Wireless > 2.4 GHz/5 GHz > Basic.
- 2 Confirm that 🗹 Enable Wireless and 🗹 Enable Wireless Multicast Forwarding (WMF) are selected.

| 🚔 NetCon   | nWireless  |  |
|--|--|--|
| NF17ACV  | Wireless Basic   |  |
| Device Info<br>Basic Setup<br>Advanced Setup<br>Wireless<br>2.4 GHz<br>Basic<br>Security<br>MAC Filter<br>Wireless Bridge<br>Advanced<br>Station Info<br>5 GHz<br>Voice<br>Diagnostics<br>Management<br>Logout | This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface Click 'Apply/Save' to configure the basic wireless options.   | la de la companya de |
|  | Enabled SSID Hidden Clients Advertise WMM Clients BSSID  |  |
|  | WLAN_Guest1         Image: Control of the second secon |  |
|  | WLAN_Guest2         Image: Control of the second secon |  |
|  | WLAN_Guest3         Image: Control of the second secon |  |
|  | Apply/Save   |  |

3 The default SSID (network name) on this example is "NetComm 8386". You may change the SSID and press the "Apply/Save" button.



## Wireless – Security

To find your WiFi security key, navigate to **Wireless > 2.4GHz/5GHz > Security**. Click the "<u>Click here to display</u>" link next to the WPA/WAPI passphrase to find your current WiFi password. A pop up window will display your current WiFi password.

| NF17ACV         | Wireless Security                    |                                   |                                      |  |      |   |
|-----------------|--------------------------------------|-----------------------------------|--------------------------------------|--|------|---|
|                 | This page allows you to configure se | ecurity features of the wireless  | LAN interface.                       |  |      |   |
|                 | You may setup configuration manua    | ally                              |                                      |  |      |   |
| Device Into     | OR                                   |                                   |                                      |  |      |   |
| Basic Setup     | through WiFi Protcted Setup(WPS)     |                                   |                                      |  |      |   |
| Advanced Setup  | Note: When both STA PIN and Aut      | horized MAC are empty, PBC i      | s used. If Hide Access Point enabled | or Mac filter list is empty with "allow" chosen, WP52 will be disabled |      |   |
| Wireless        |                                      |                                   |                                      |  |      |   |
| 2.4 GHz         |                                      |                                   |                                      |  |      |   |
| Pagin           | WPS Setup                            |                                   |                                      |  |      |   |
| Dasic           |                                      |                                   |                                      |  |      |   |
| Security        | Enable WPS                           | Enabled V                         |                                      |  |      |   |
| MAC Filter      |                                      |                                   |                                      |  |      |   |
| Wireless Bridge | Add Client (This feature is avail    | able only when WDA-DEK WE         | A3 DSK or ODEN mode is configure     | (h   |      |   |
| Advanced        | Add Chenic (This feature is avain    | One only when were est, we        | A2 PSK OF OPEN mode is comigure      | ы)   |      |   |
| Station Info    |                                      | Push-Button                       | Add Enrollee                         |  |      |   |
| 5 GHz           |                                      | O Enter STA PIN O U               | se AP PIN                            |  |      |   |
| Voice           |                                      |                                   |                                      |  |      |   |
| Discretion      | the second second second second      |                                   |                                      |  |      |   |
| Diagnostics     | Set WPS AP Mode                      | Configured ~                      |                                      |  |      |   |
| Management      |                                      |                                   |                                      |  |      |   |
| Logout          | Setup AP (Configure all securit)     | / settings with an external regis | tar)                                 |  |      |   |
|                 | Device DTN                           | 43055054                          | 11-1-                                |  |      |   |
|                 | Device PIN                           | 42855064                          | Help                                 |  |      |   |
|                 |                                      |                                   |                                      |  |      |   |
|                 |                                      |                                   |                                      |  |      |   |
|                 | Manual Setup AP                      |                                   |                                      |  |      |   |
|                 | You can set the network authentical  | ion method, selecting data end    | ryption,                             |  |      |   |
|                 | specify whether a network key is re  | quired to authenticate to this v  | vireless network and specify the end | ryption strength.  |      |   |
|                 | Click 'Apply/Save' when done.        |                                   |                                      |  |      |   |
|                 |                                      |                                   |                                      |  |      |   |
|                 | Select SSID:                         | NetComm 8386 V                    |                                      |  |      |   |
|                 |                                      |                                   |                                      | A Morilla Eirefox  |      | × |
|                 | Network Authentication:              | WPA2 -PSK                         | ~                                    | Wideling Fillerox  | -    | ~ |
|                 |                                      | -                                 |                                      | (i) 192.168.20.1/wlsecrefresh.wl?wlRefresh=0                           |      |   |
|                 | Protected Management Frames:         | Disabled 🗸                        |                                      |  |      | _ |
|                 | WPA/WAPI passphrase:                 | •••••                             | Click here to display                | Wogilibeki   |      |   |
|                 | WPA Group Rekey Interval:            | 0                                 |                                      |  |      |   |
|                 | WPA/WAPI Encryption:                 | AES ~                             | -                                    |  |      |   |
|                 | WEP Encryption:                      | Disabled $\checkmark$             |                                      |  |      |   |
|                 |                                      |                                   |                                      | L  | <br> |   |
|                 |                                      |                                   |                                      |  |      |   |
|                 |                                      | Apply/Save                        |                                      |  |      |   |
|                 |                                      |                                   |                                      |  |      |   |
|                 |                                      |                                   |                                      |  |      |   |

The configuration on the modem is now complete. Use a computer/laptop, mobile or other wireless device to scan WiFi network names, select the right WiFi network name / SSID (Example: NetComm 8386) and then enter the displayed WiFi password to join the network.



## Connecting to your wireless network

Use a computer/laptop, mobile or other wireless device to scan for wireles networks, select the right Wi-Fi network name/SSID (e.g. **NetComm 8386**) enter the displayed Wi-Fi password to join the network.

#### Windows 10

The following is an example of connecting to the WiFi network using Windows 10.

- 1 Click the wireless symbol in the bottom right corner of the device. A list of detected networks within range of your computer is displayed. Select your WiFi network name (In this example, it is "NetComm 8386") and click **Connect**.
- 2 Enter the WiFi security key/password and click **Next**.
- 3 Your computer connects to the WiFi network.



If you are facing difficulty to connect the Wi-Fi network name, refer to "Wireless Troubleshooting Guide" from FAQs section.



#### Apple iPhone

The following is an example of connecting to the WiFi network using an Apple iPhone. On your iPhone, navigate to settings and tap "**Wi-Fi**".

When Wi-Fi is turned on, your phone scans for available nearby networks. Tap your WiFi network name/SSID [1] (in this example, it is "NetComm 8386"), enter the WiFi password [2] and press Join [2].

| ••••• vodafone AU 4G 3:34 PM | 🗿 79% 🔳 )          | ●●●○○ vodafone | AU 4G 3:35 PM            | 🖲 79% 🔳  | •••• vodafone AU 🗢             | 3:35 PM | 🐨 79% 🔳 )                                    |
|------------------------------|--------------------|----------------|--------------------------|----------|--------------------------------|---------|--|
| Settings Wi-Fi               |                    | Enter          | the password for "NetCom | ım 8386″ | Settings                       | Wi-Fi   |  |
| NetComm 8386                 | <b>₽</b> 중 (j)     | Cancel         | Enter Password           | Join     | Wi-Fi                          |         |  |
| NetComm 8547                 | ∎ <del>?</del> (ì) | Password       | •••••                    |          | <ul> <li>NetComm 83</li> </ul> | 86      | <b>₽                                    </b> |
| NetComm 9202                 | 🔒 🤶 🚺              |                | •                        |          | CHOOSE A NETWORK               |         |  |
| NetComm 9375 test            | <b>₽ ╤ (j</b>      |                | 2                        |          | 400Cong                        |         | <b>≜ 奈 (ì</b>                                |
| NetComm M2M Support          | <b>≜ ≈ (ì</b>      |                |                          |          | BandSteering                   | Test    | <b>₽ ≎ (i</b> )                              |
| NetComm Office WiFi          | <b>▲ 奈 (ì</b>      |                |                          |          | Blackwatch                     |         | <b>₽ ≎ (j</b>                                |

If you are facing difficulty to connect the Wi-Fi network name, refer to "Wireless Troubleshooting Guide" from FAQs section.

#### Android

The following is an example of connecting to the Wi-Fi network using an Android phone. On your Android Phone, navigate to **Settings > Connections** and tap **Wi-Fi**.

When **Wi-Fi** is turned On [1], your phone scans for available nearby networks.

Tap your WiFi network name/SSID [2](in this example, it is "NetComm 8386"), enter the WiFi password [3], select **Auto reconnect** [3] and then select **Connect** [4].

| P *   | 🗑 🎋 al 84% 🛢 4:29 pm |         | 📽 👫 🕼 83% 🛢 4:29 pm   | 27        | 考 🛱 📪 "r 83% 🛢 4:32 pm | <u></u>   | 🕷 🗟 83% 🛍 4:34 pm     |
|---|----------------------|---------|-----------------------|-----------|------------------------|-----------|-----------------------|
| < CONNECTIONS   | Q                    | < Wi-Fi | Wi-Fi Direct ADVANCED | < Wi-Fi   | Wi-Fi Direct ADVANCED  | < Wi-Fi   | Wi-Fi Direct ADVANCED |
| Wi-Fi   |                      | ON      | 2 🔍                   | NetComm 8 | 386                    | ON        | _4∖⊂                  |
| Wi-Fi calling   |                      | 🛜 NetC  | comm 8386             | Password  | 3                      |           | etComm 8386           |
| Bluetooth   |                      | RetC    | comm 8547             | Show      | password               | <u> </u>  | 00Cong                |
| On  |                      | RetC    | comm 8673             | S Auto    | reconnect              | e B       | andSteeringTest       |
| Phone visibility<br>Allow other devices to find yo<br>and transfer files. | ur phone             | NetC    | Comm M2M Support      | Show      | advanced options       | General B | lackwatch             |
| Data usage  |                      | RetC    | comm Uffice WiFi      |           | CANCEL CONNECT         | 🤶 G       | uest                  |
|   |                      | Tr NTC  | guest L5              |           |                        | 🤶 G       | uest_5G               |

The word **Connected** will appear under your WiFi network name/SSID [4] when the connection is successful.

If you are facing difficulty to connect the Wi-Fi network name, refer to "Wireless Troubleshooting Guide" from FAQs section.



#### MacOS

1 Click on the Airport/Wi-Fi icon at the top right corner of the screen as shown below. Click Turn Wi-Fi On.





Note – If you cannot see an Airport icon, your wireless adapter may not be installed or inserted correctly. Please refer to your Mac user guide before continuing with the steps in this guide.

2 A list of WiFi networks including your WiFi network name/SSID is displayed (in this example, it is "NetComm 8386"). Click your WiFi network name/SSID to connect to this network.

|              | <u> </u>   | Fri 10:51 am |
|--------------|------------|--------------|
| <b>A</b>     |            |              |
| NetComm 8386 | ê 🤶        |              |
| Eltons24     | <b>₽</b> ( |              |
| Eltons58     |            |              |
| Guest_5G     | ((i·       |              |

3 Enter your WiFi security key/password and click **Join** to connect to the WiFi network.



If you enter an incorrect WiFi security key, a message will appear, and you will be prompted to enter the correct key again.

4 The Airport icon will now have black lines to indicate signal strength. To see if the computer is connected, click on the Airport icon again. Your WiFi network has a tick next to its name.

|   | Ø 🛜 | • | Fri 10:56 am |
|---|-----|---|--------------|
| Wi-Fi: Looking for Networks<br>Turn Wi-Fi Off |     |   |              |
| ✓ NetComm 8386                                | A 🔶 |   |              |
| ASDM-AP                                       | ê 🤅 |   |              |
| ASDM-GUEST                                    |     |   |              |
| ASDM-Voice                                    |     |   |              |
| Blackwatch                                    |     |   |              |

The wireless network configuration is complete and you can now use the Internet. You can disconnect the Ethernet cable, if you wish.