BUFFALO

User Manual

AirStation

WI-U2-866D / WI-U2-400D

www.buffalotech.com

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Chapter 1 - Product Overview

System Requirements

Computer should be IBM/PC compatible (OADG specification) with a USB 2.0 port and a CD-ROM drive.

This product does not support computers equipped with dual processors (computers with two physical CPUs). Computers with Dual core CPU's are supported.

AirStation does not support Windows Vista (32-bit) Standby mode.

Compatible OS

Windows 8 (32-bit or 64-bit), Windows 7 (32-bit or 64-bit), Vista (32-bit), XP (32-bit)

Service Pack 2 or later is required for Windows XP.

Package Contents

The following items are included with your AirStation. If any of the items are missing, please contact your vender.

- Main unit 1
- USB cable 1
- Air Navigator CD 1
- Quick Setup Guide 1
- Warranty Statement 1

Chapter 2 - Installation

Installing Wireless Drivers

Follow the instruction below to install drivers. Do not connect the AirStation to your computer yet.

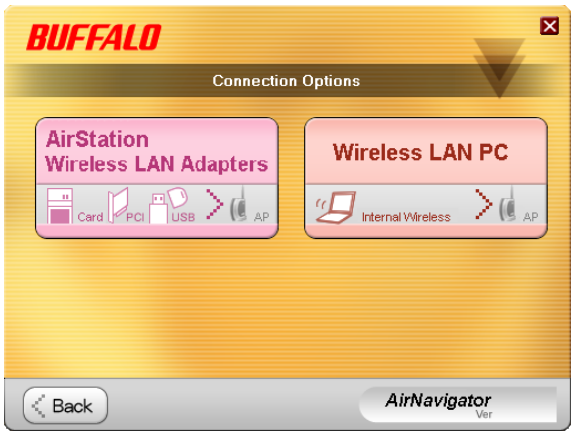
1 Boot your computer and insert the AirNavigator CD. The setup wizard will launch automatically.

Note: If the setup wizard doesn't launch, double click [My Computer] > CD-ROM drive icon > [AirNavi.exe] to launch manually.

2

Click [Begin Installation].

3

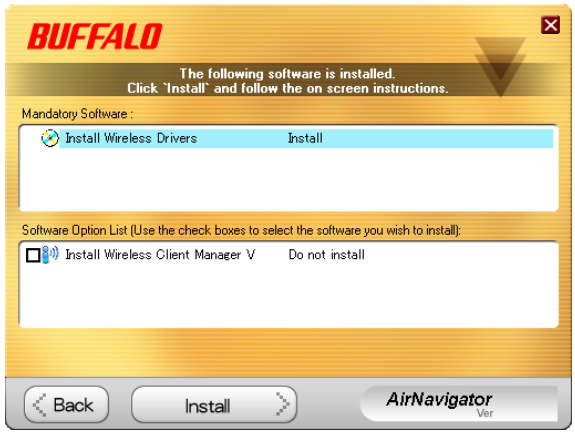


Click [AirStation Wireless LAN Adapters].

4

Disable any firewalls and click [Next].

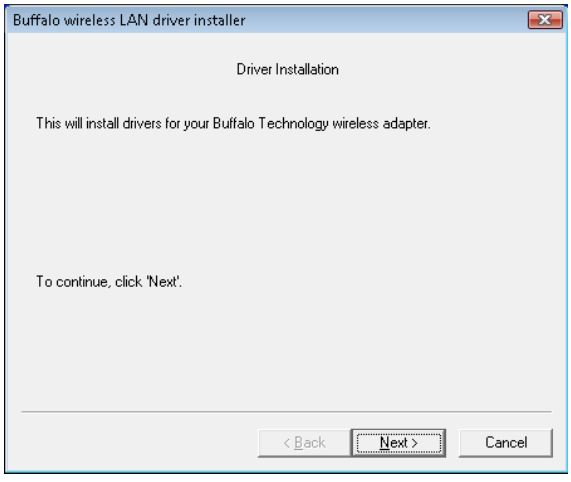
5



Click [Install].

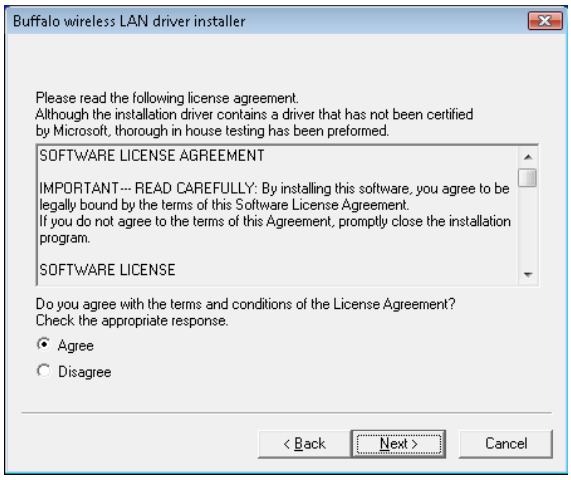
Note:
- Check "Install Wireless Client Manager" to install Client Manager after the drivers.
- Refer to page 10 to install Client Manager later.

6



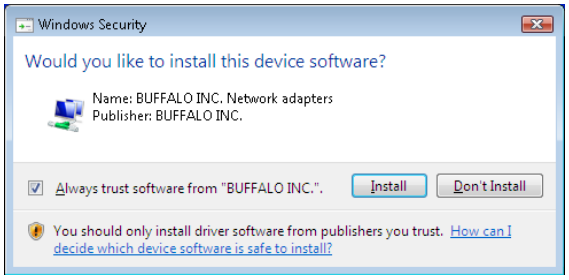
Click [Next].

7



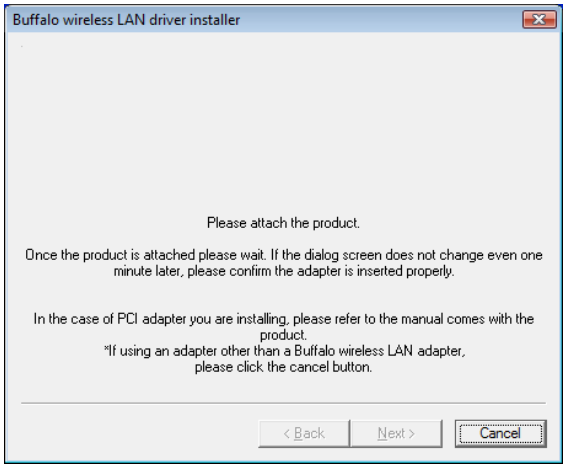
Read the license agreement, select [Agree], then click [Next].

8



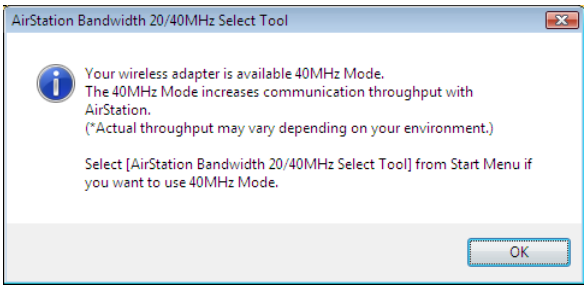
Check "Always trust software from "BUFFALO INC.", and click [Install].

9



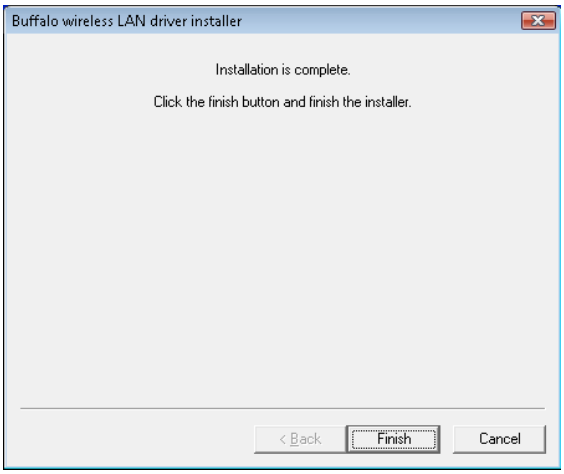
When the screen to the left is displayed, attach the AirStation to your computer. Drivers will be installed automatically.

10



Click [OK].

11



After the drivers are installed, the screen at left will be displayed. Click [Finish].

Note: If you checked the box to Install Wireless Client Manager (page 7), then the installation screen for Client Manager will be displayed after this screen. Follow the instructions on the screen to install Client Manager.

Drivers are now installed.

Installing Utility

Follow the procedure below to install "Client Manager".

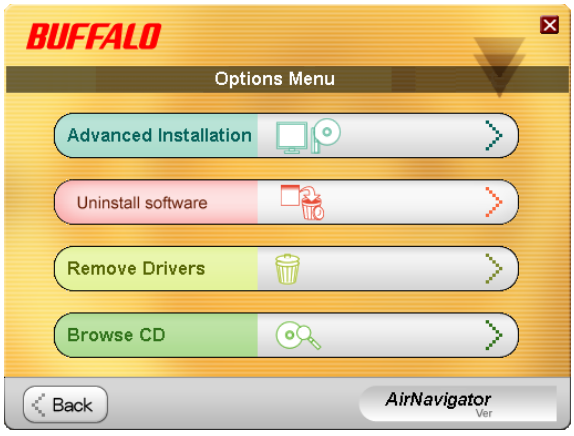
1 Boot your computer and insert the AirNavigator CD. The setup wizard will launch automatically.

Note: If the setup wizard is not displayed, double-click [My Computer] > CD-ROM drive icon > [AirNavi.exe].

2

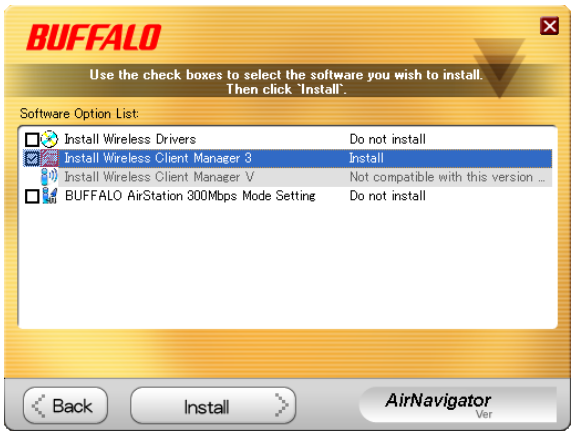
Click [Options].

3



Click [Advanced Installation].

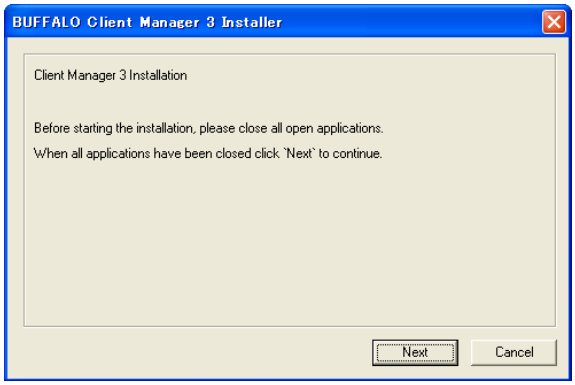
4



Check the box for "Install Wireless Client Manager" and click [Install].

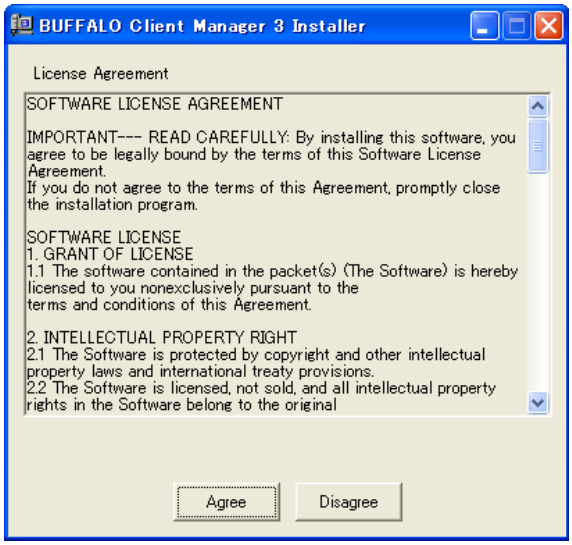
Note: Use Client Manager V with Windows 7/Vista or Client Manager 3 with Windows XP.

5



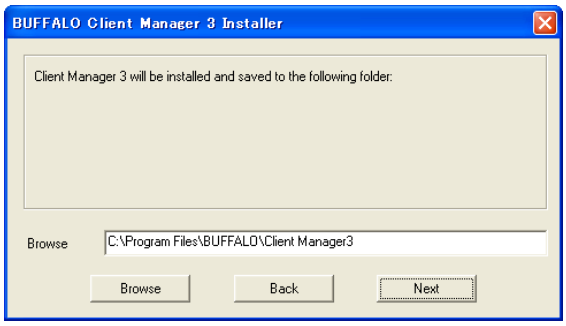
Click [Next].

6



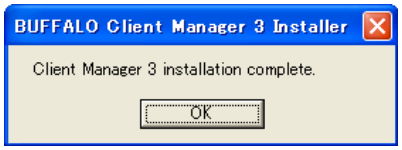
Read the license agreement and select [Agree].

7



Click [Next].

8



Click [OK].

9

Click [Back].

10

Click "X" at the top right corner of the window to close it.

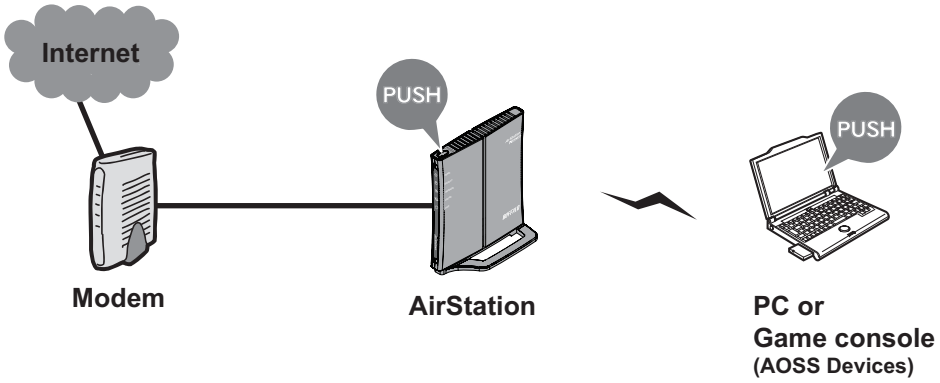
Client Manager is now installed.

Chapter 3 - Connect to a Wireless Network

Automatic Secure Setup (AOSS / WPS)

AOSS and WPS are systems which enables you to automatically configure wireless LAN settings. Just pressing the buttons will connect wireless devices and complete security settings. Utilize this system to connect to wireless devices, computers, or game machines which support AOSS or WPS.

AOSS (AirStation One-Touch Secure System) is technology developed by Buffalo Technology. WPS was created by the Wi-Fi Alliance.



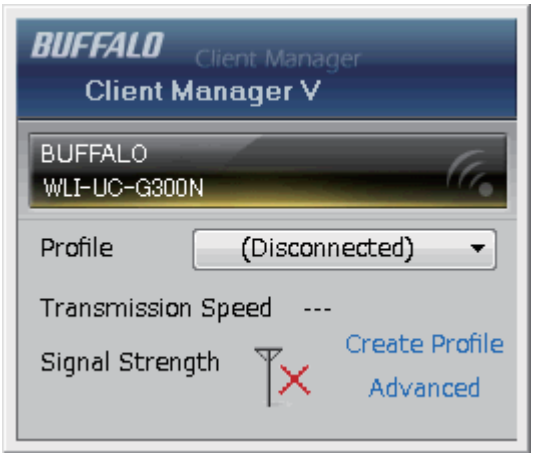
Before using AOSS or WPS, install Client Manager software from the CD. See chapter 2 for instructions on installing Client Manager software.

Windows 8, 7 or Vista (Client Manager V)

If you are using Windows 8, 7 or Vista, use the included Client Manager V software to connect wirelessly with AOSS or WPS.

1 Click [Start] > [All Programs] > [BUFFALO] > [AirStation Utility] > [Client Manager V].

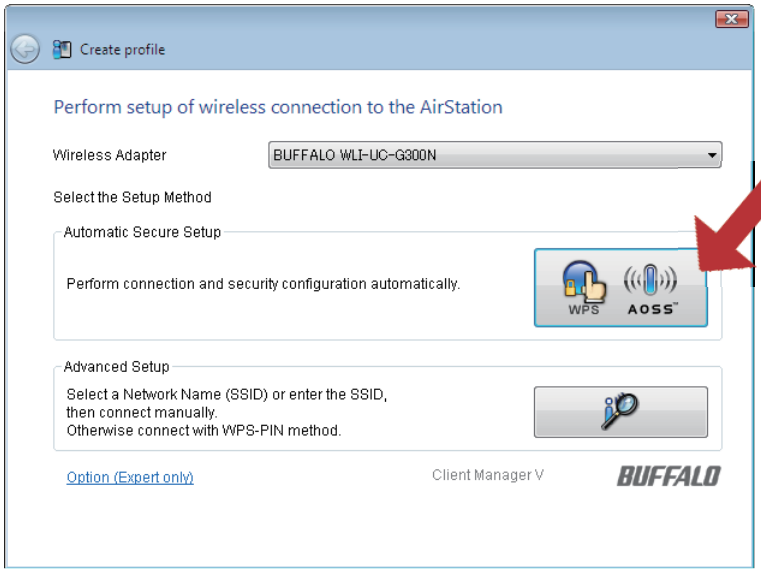
2



Click [Create Profile].

3 The User Account Control screen is displayed. Click [Yes] or [Continue].

4



Click the [WPS AOSS] button.

When "Connection has been Completed" is displayed in Client Manager V, your connection is complete. If "Set Network Location" is displayed, select "Home", "Work", or "Public location" depending on the environment in which the AirStation will be used.

Windows XP(Client Manager 3)

If you are using Windows XP, use the included Client Manager 3 software to connect wirelessly with AOSS or WPS.

1 Right-click on the icon in the system tray and select [Profile].

2

Click the [WPS AOSS] button.

Your connection is complete when the message "Security setup and connection have been completed" is displayed.

Automatic Secure Setup (WPS PIN)

WPS can use a PIN generated by the Client Manager utility to easily connect to an access point that supports WPS PIN.

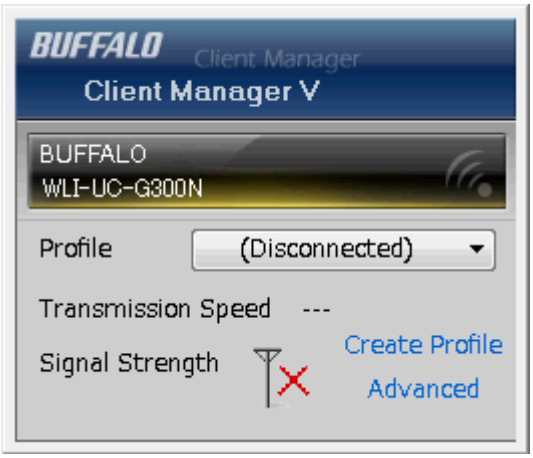
To use WPS PIN, first install Client Manager software on your computer. See chapter 2 for instructions on installing Buffalo Client Manager software.

Windows 8, 7 or Vista (Client Manager V)

The procedure for connecting to an access point with a WPS PIN is described below.

1 Click [Start] > [All Programs] > [BUFFALO] > [AirStation Utility] > [Client Manager V].

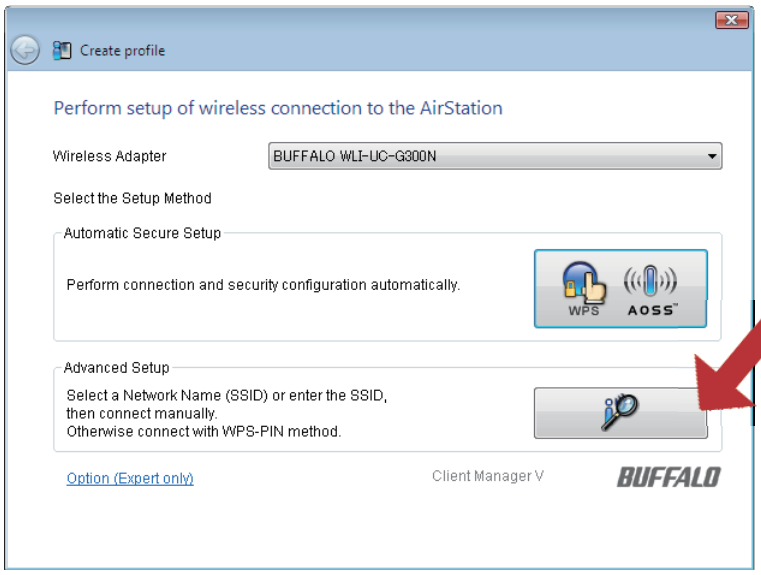
2



Click [Create Profile].

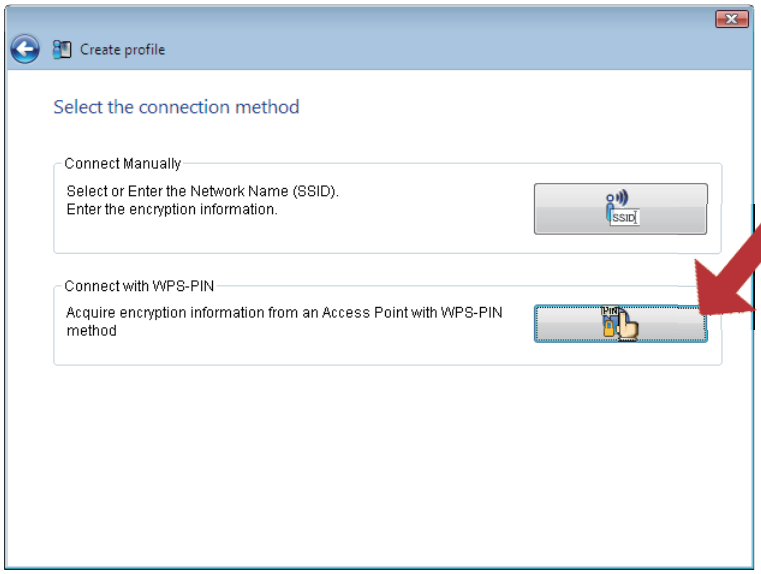
3 The User Account Control screen is displayed. Click [Yes] or [Continue].

4



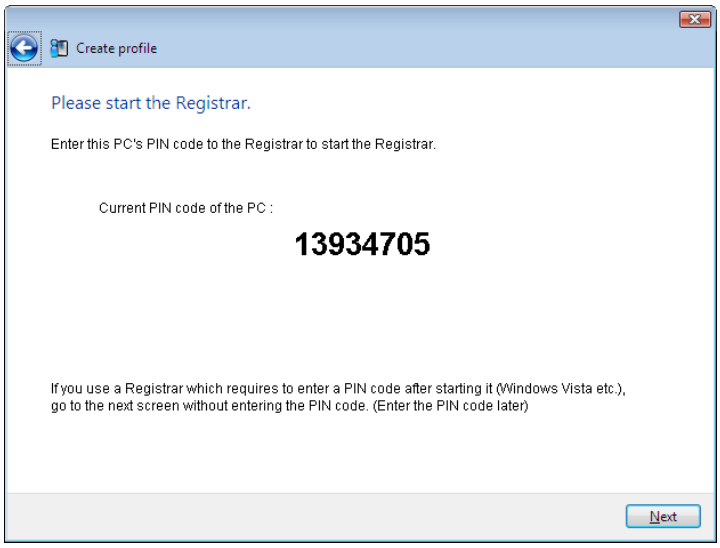
Click [Advanced Setup].

5



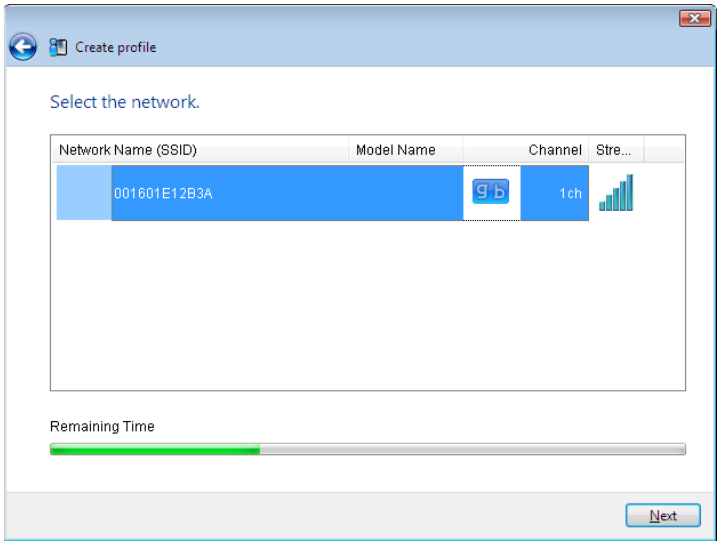
Click [WPS-PIN].

6

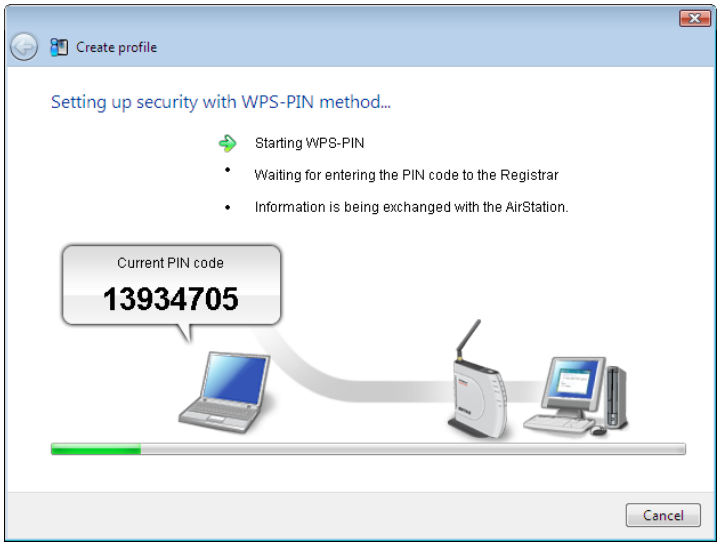


Carefully copy the PIN to a piece of paper, then click [Next].

7



Select the access point to connect to, then click [Next].

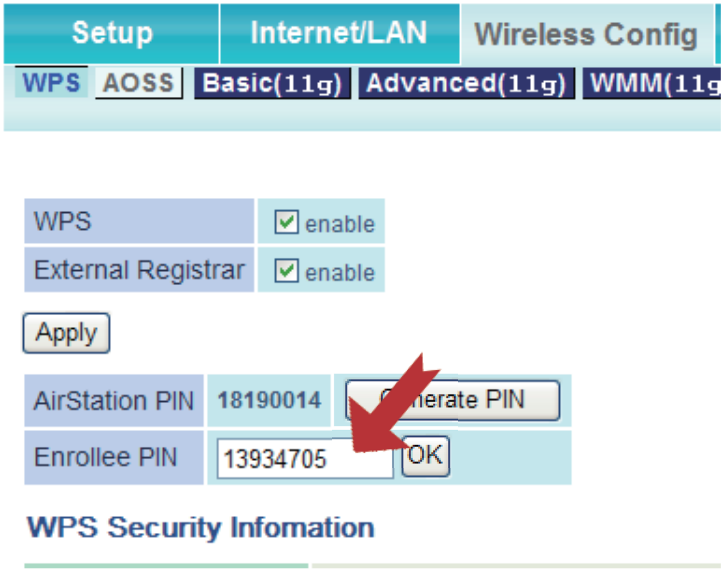


This screen will be displayed.

8 Use a PC with a wired Ethernet connection to log in to the access point's management utility.

Note: If the access point you are trying to connect is a Buffalo AirStation, click Wireless Config > WPS from the home page of the configuration interface. The screen to enter the PIN code will be displayed.

9



Navigate to the WPS PIN configuration screen, then enter the PIN that you write down in step 6.

Note: If the access point you are trying to connect is a Buffalo AirStation, enter the PIN in "Enrollee PIN" field and click [OK].

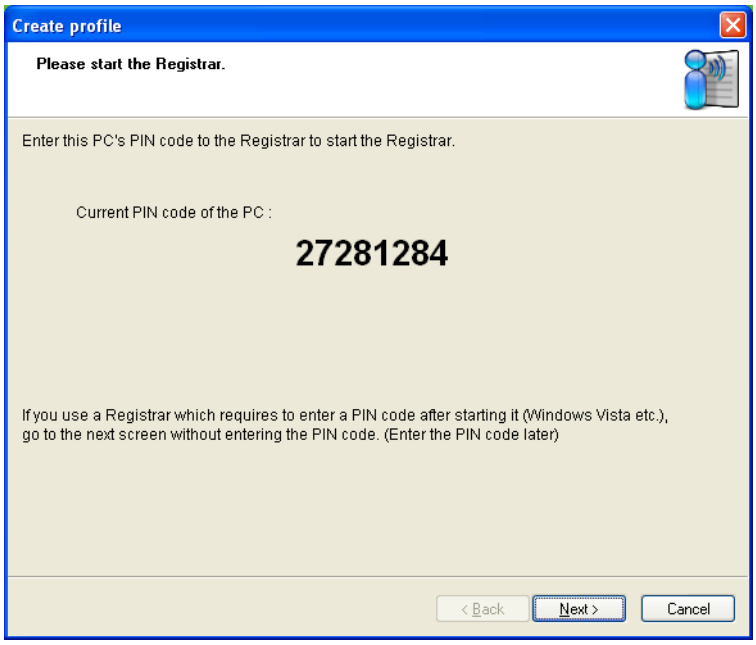
When "Connection has been Completed" is displayed in Client Manager V, your connection is complete. If "Set Network Location" is displayed, select "Home", "Work", or "Public location" depending on the environment in which the AirStation will be used.

Windows XP (Client Manager 3)

If you are using Windows XP, use your Client Manager 3 software to connect wirelessly with WPS PIN.

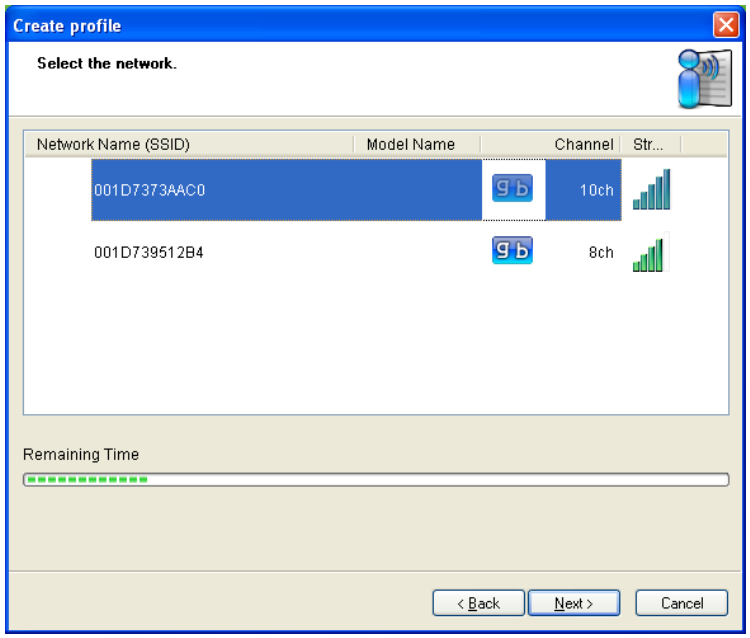
1 Right click on the icon in the system tray and select [Easy Connection] > [WPS PIN Code type].

2

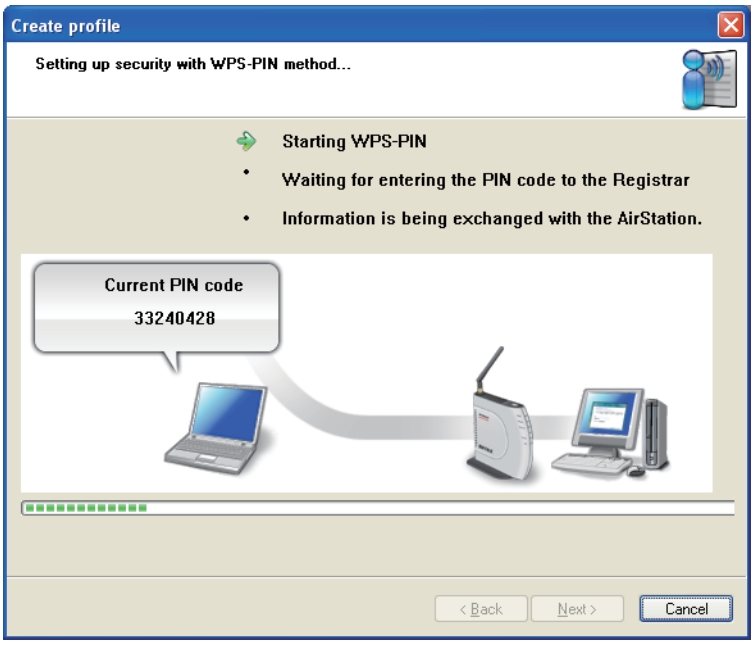


Carefully copy the PIN to a piece of paper, then click [Next].

3



Select the access point to connect to, then click [Next].

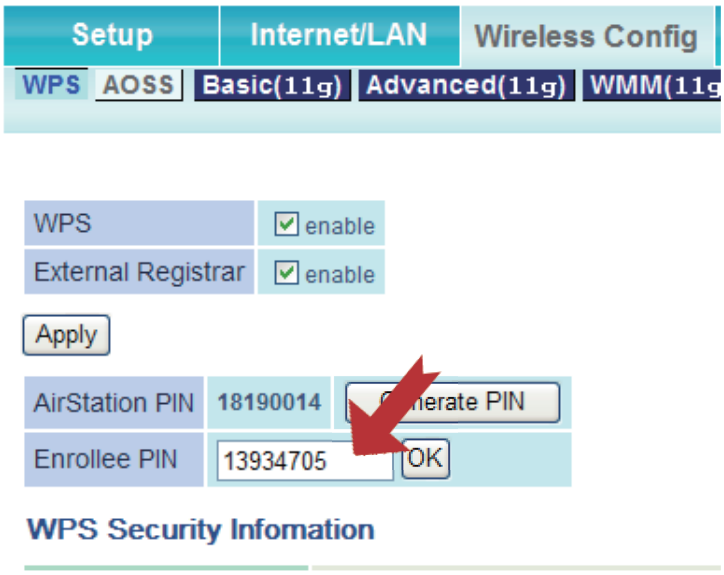


This screen will be displayed.

4 Use a PC with a wired Ethernet connection to log in to the access point's management utility.

Note: If the access point you are trying to connect is a Buffalo AirStation, click Wireless Config > WPS from the home page of the configuration interface. The screen to enter the PIN code will be displayed.

5



Navigate to the WPS PIN configuration screen, then enter the PIN that you write down in step 6.

Note: If the access point you are trying to connect is a Buffalo AirStation, enter the PIN in "Enrollee PIN" field and click [OK].

When "Connection has been Completed" is displayed in Client Manager 3, your connection is complete.

Manual Setup (Client Manager)

You may also connect to an access point manually, without using AOSS or WPS. The procedure varies depending on the version of Windows used.

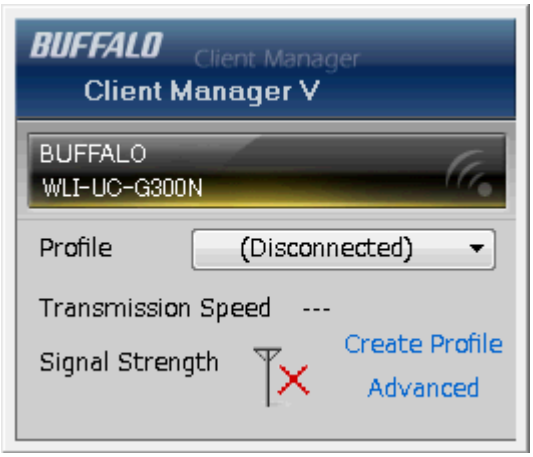
First, install Client Manager from the included CD. See chapter 2 for instructions on installing Client Manager.

Windows 8, 7 or Vista (Client Manager V)

With Windows 7 or Vista, use Client Manager V to connect wirelessly.

1 Click [Start] > [All Programs] > [BUFFALO] > [AirStation Utility] > [Client Manager V].

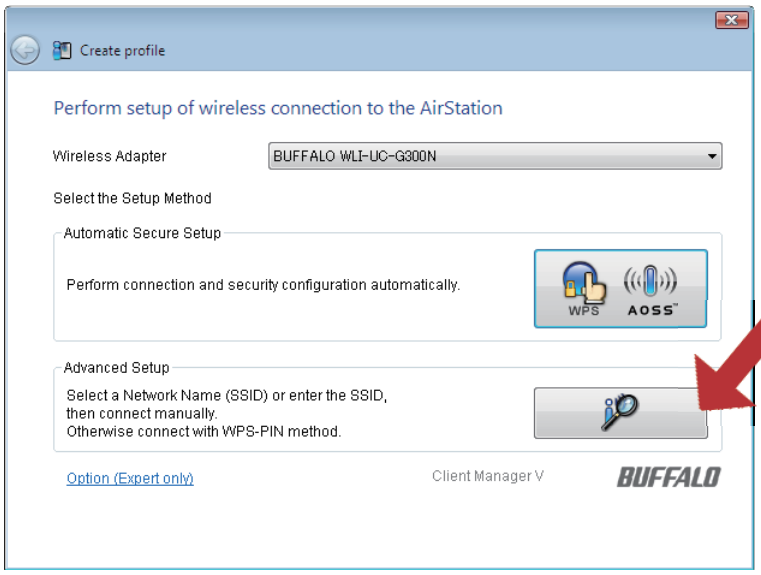
2



Click [Create Profile].

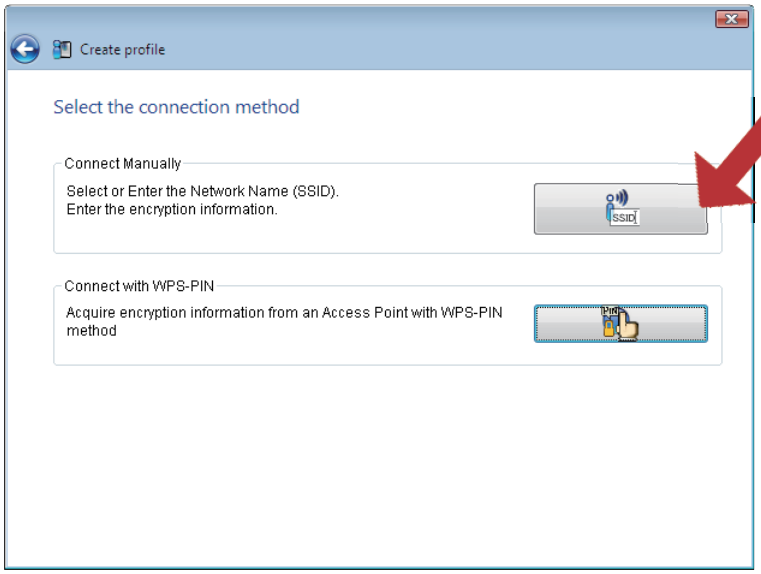
3 The User Account Control screen is displayed. Click [Yes] or [Continue].

4



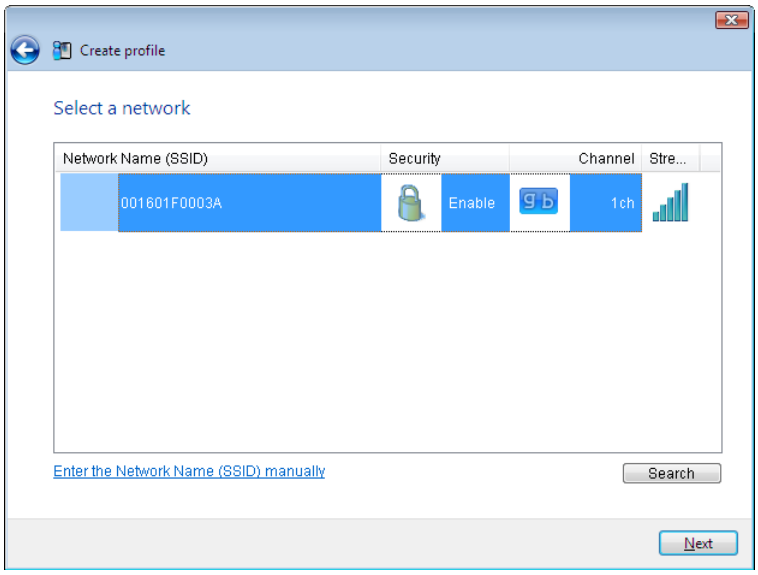
Click [Advanced Setup].

5



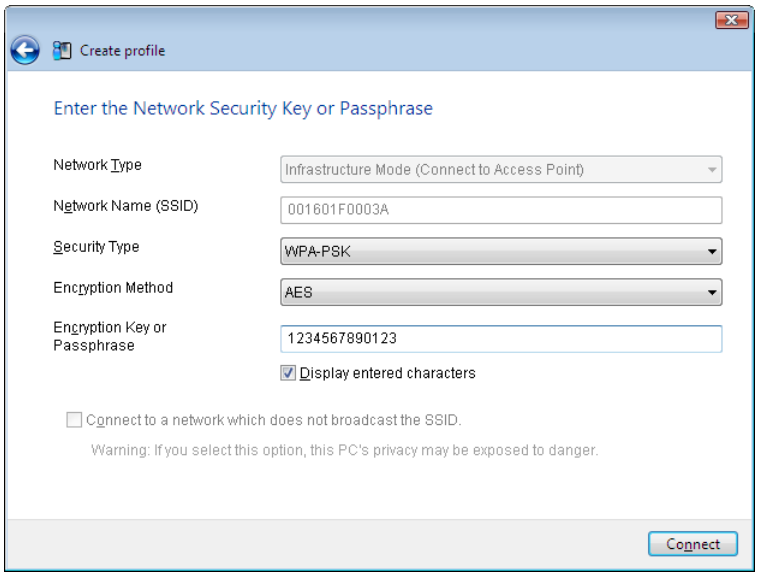
Click [Connect Manually].

6



Select your access point, then click [Next].

7



Enter your Network Type, Security Type, Encryption Method, and Encryption Key (passphrase), then click [Connect].

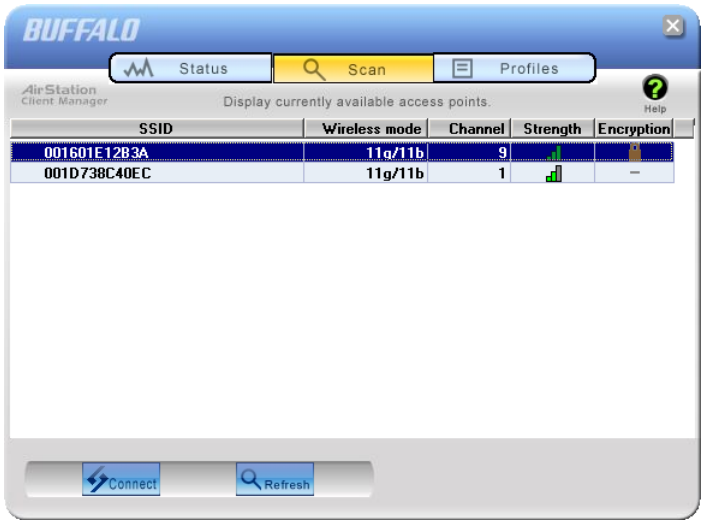
When "Connection has been completed" is displayed, your connection is complete. If "Set Network Location" is displayed, select "Home", "Work", or "Public location", depending on the environment in which the AirStation will be used.

Windows XP (Client Manager 3)

Client Manager 3 is a wireless connection utility for Windows XP.

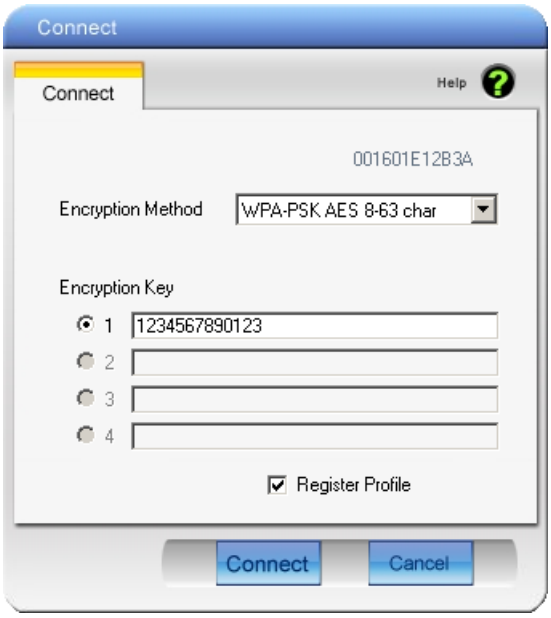
1 Right-click on the icon in the system tray, and select [Scan].

2



Select the access point to connect to and click [Next].

3



Choose your Encryption Method and enter an Encryption Key. Click [Connect].

Follow the instructions on the screen to connect.

Manual Setup (Windows Utility)

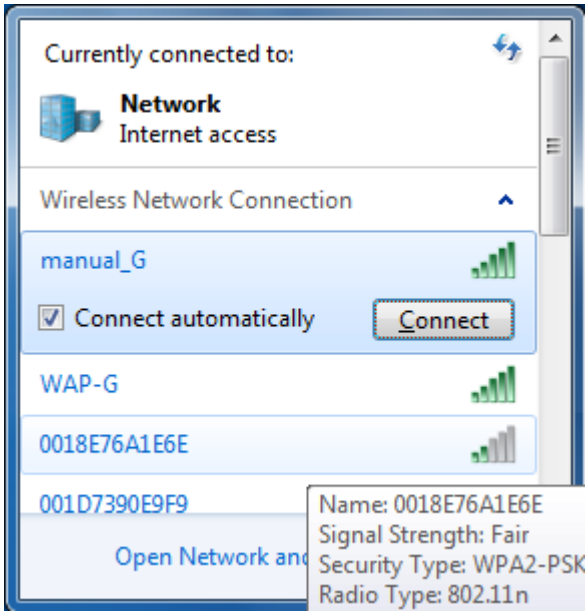
You can connect to an access point without installing or using Client Manager. Windows includes a built-in wireless utility. The procedure varies depending on the version of Windows used.

Windows 8 or 7 (WLAN AutoConfig)

Use WLAN AutoConfig to connect to the AirStation.

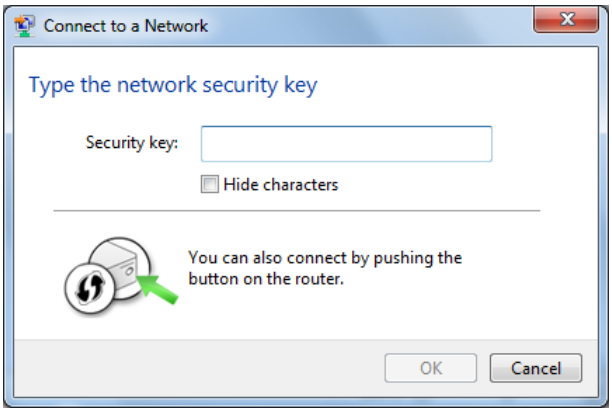
1 Click on the network icon  in the system tray.

2



Select the target AirStation's name and click [Connect]. If you will be connecting to this device in the future, checking [Connect automatically] is recommended.

3



Enter the encryption key and click [OK].

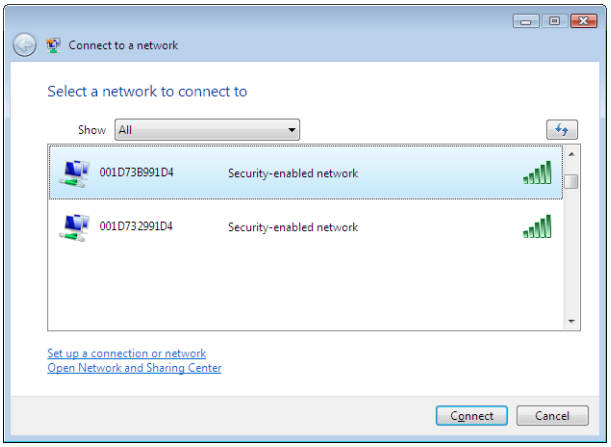
Follow the instructions on the screen to connect.

Windows Vista (WLAN AutoConfig)

You can use WLAN AutoConfig to connect to a wireless access point:

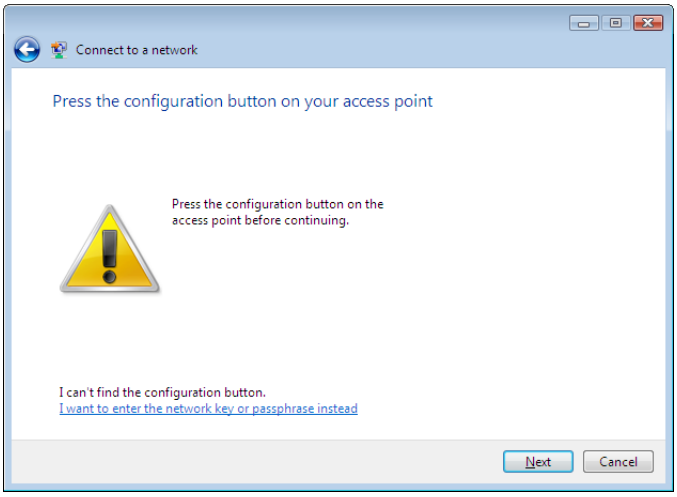
1 Right-click on the wireless network icon  in the system tray.

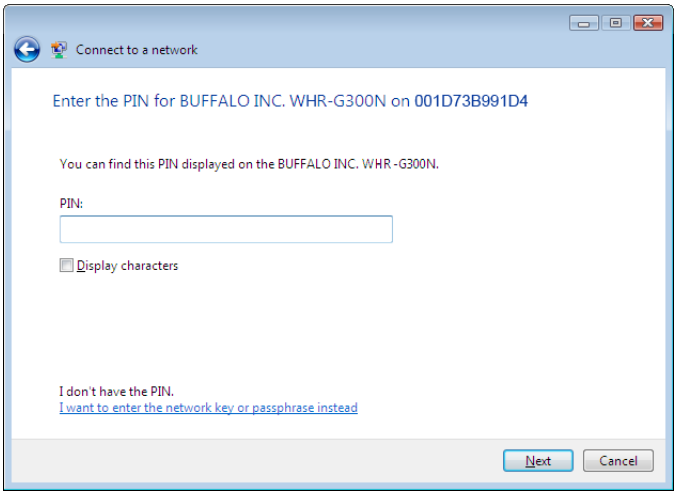
2 Click [Connect to a network].

3 

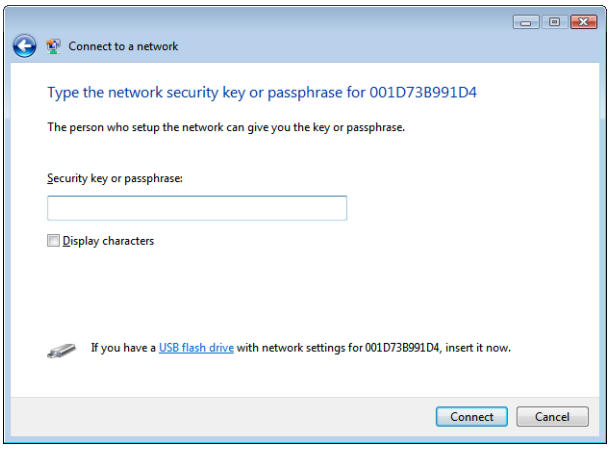
Select your wireless network and click [Connect].

If the screen below is displayed, click [I want to enter the network key or passphrase instead]. Go to step 4.





4



Enter the encryption key and click [Connect].

Step through the wizard to complete configuration. If the "Set Network Location" screen is displayed, select "Home", "Work", or "Public location" depending where you're using the AirStation.

Windows XP (Wireless Zero Configuration)

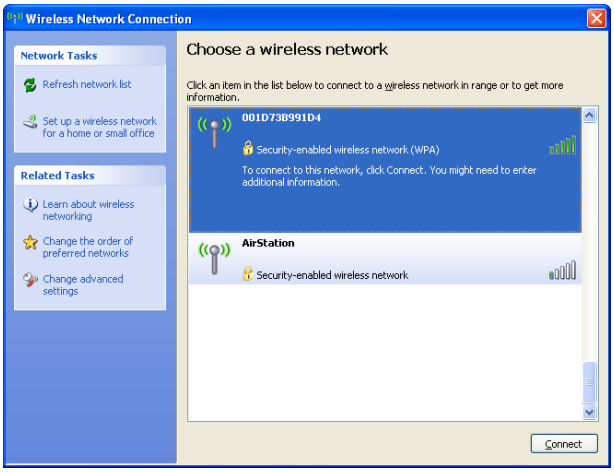
Windows XP includes a built-in utility to connect to your wireless Access Point.

Note: If Client Manager 3 is installed on your computer, then Wireless Zero Configuration is disabled. Uninstall Client Manager 3 to use Wireless Zero Configuration, or just use Client Manager 3 to connect to the AirStation.

1 Right-click on the wireless network icon  in the system tray.

2 Click [View Available Wireless Networks].

3



Select a wireless network, then click [Connect].

4

Enter the encryption key (passphrase) twice, then click [Connect].

When the connection is complete, the word "Connected" will be displayed to the right of the network's SSID. Click the "X" in the top right corner of the window to close the utility.

Chapter 4 - Client Manager

Software Overview

Client Manager is utility software used to connect to an access point on the network or to verify the connection between an access point and your computer. It is included with this device.

Note: Two versions of Client Manager are included on your AirNavigator CD. Client Manager V supports Windows 8, 7 and Vista. Client Manager 3 supports Windows XP. The installation program will install the correct version for your operating system.

Using Client Manager V

Opening and Closing Client Manager

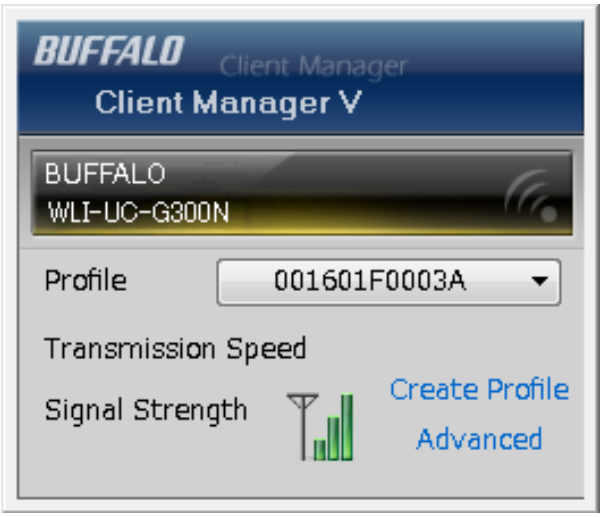
- When you install Client Manager, it will be added to your Startup folder and will automatically launch with Windows. If Client Manager does not launch automatically, click [Start] > [All Programs]> [BUFFALO] > [AirStation Utility] > [ClientManager V] to launch it.
- To close Client Manager, right-click on its icon in the system tray and choose [Exit].
- The appearance of the Client Manager icon varies according to its connection status.


No wireless connection.


Communicating via an access point.

Main Screen

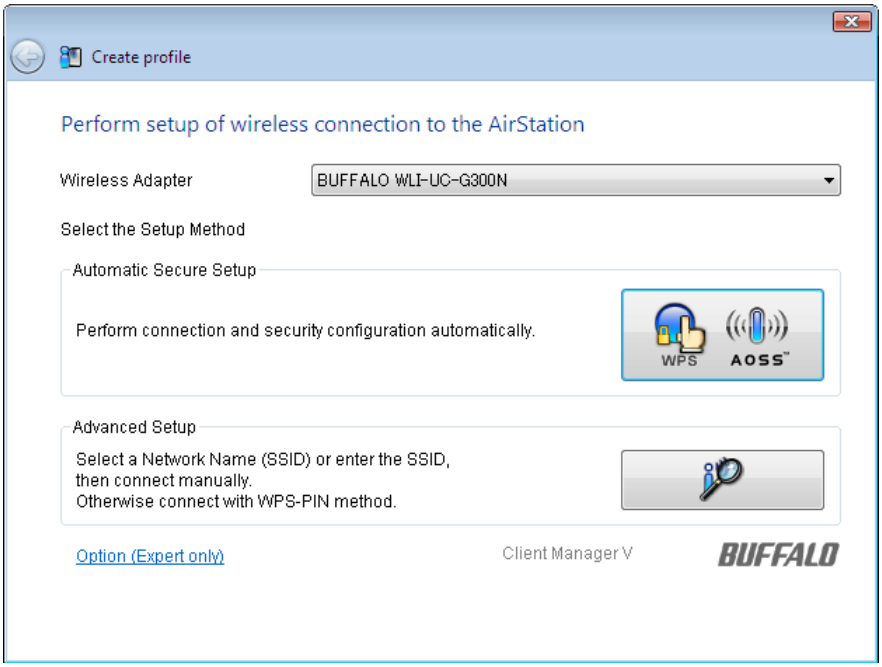
The Main screen displays the current connection status. You can perform the following operations from this screen.



Parameter	Meaning
Profile	Displays information about the current connection points. If you have multiple connection points, you can switch among them.
Transmission Speed	Displays the current connection speed.
Signal Strength	Displays the current signal strength.
Create Profile	Click this to display the Automatic Secure Setup and Advanced Setup screen (next page).
Advanced	Click this to display the Wireless Status screen.

Automatic Secure Setup and Advanced Setup

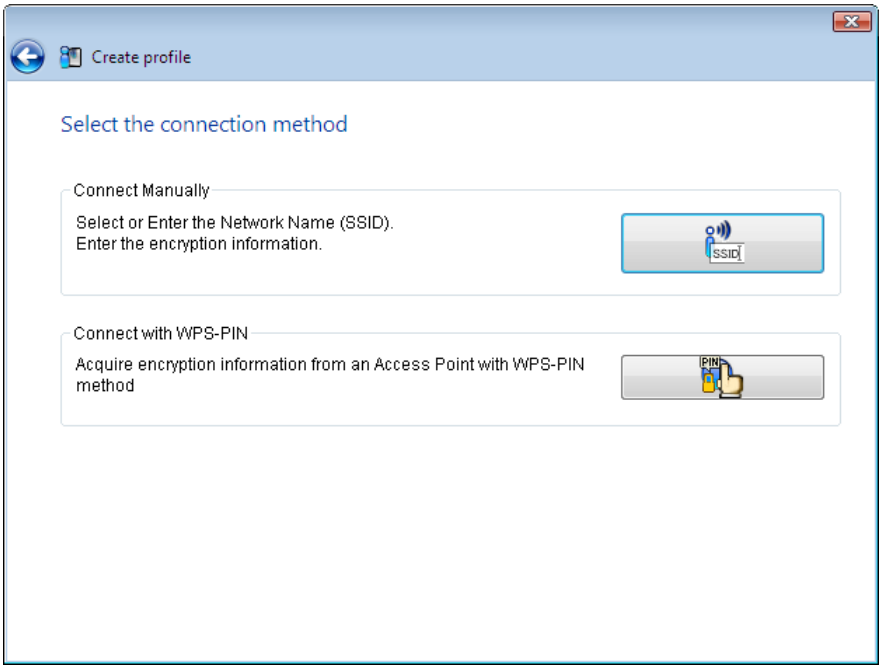
There are two ways to connect to an access point: automatic or manual. In the following wizard, automatic setup will be reffered to as "AOSS/WPS" and manual setup will be referred to as "Advanced Setup".



Parameter	Meaning
Wireless Adapter	Displays names of currently used wireless devices.
Automatic Secure Setup	Clicking this will search for an AOSS or WPS compatable access point to connect to automatically.
Advanced Setup	Click this to configure your wireless settings manually. It will display the SSID/WPS-PIN selection screen (next page).
Option (Expert only)	Click this to specify whether you use AOSS or WPS (PBC) for connection in Automatic Secure Setup. It displays the WPS-PBC/ AOSS selection screen (page 37).

SSID / WPS-PIN selection

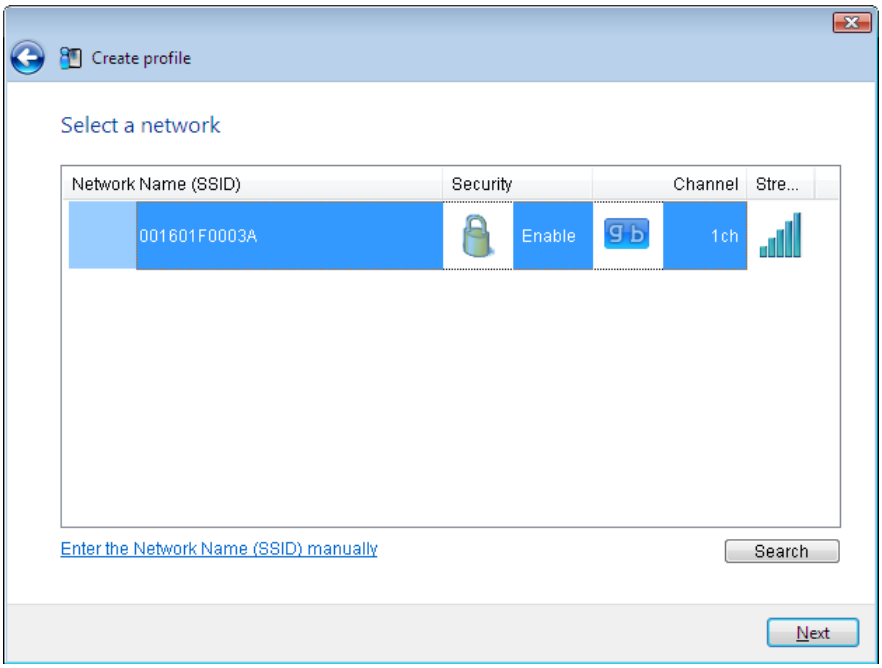
This screen lets you select whether to connect to an access point by specifying the SSID or by entering a WPS PIN.



Parameter	Meaning
Connect Manually	Specify SSID of an access point and configure connection settings. Click here to display the Searching Wireless Access Points screen (next page).
Connect with WPS-PIN	Click this to connect to a wireless access point by entering its WPS PIN.

Searching Wireless Access Points

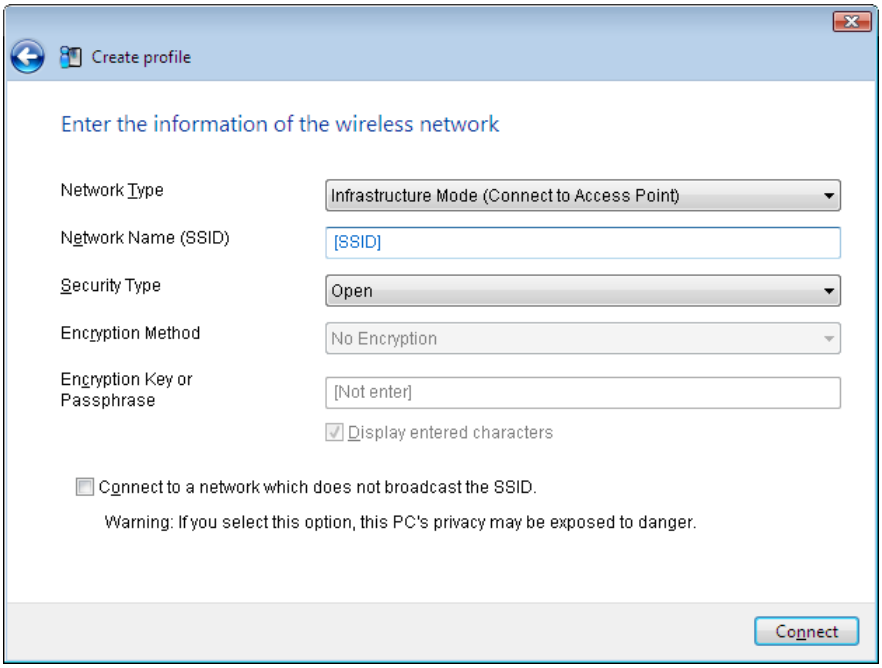
The screen to list available wireless access points in your area. You can select an access point and enter network information manually to connect.



Parameter	Meaning
Network Name (SSID)	Displays the SSID of each available access point.
Security	Displays whether or not the access point uses encryption.
Channel	Displays the wireless channel used by an access point.
Strength	Displays the signal strength of an access point.
Enter the Network Name (SSID) manually	Click this to enter an SSID manually and display the Wireless Network Information screen (page 36).
[Search]	Click here to search for available access points again.
[Next]	Click this to display the Wireless Network Information screen (page 36).

Wireless Network Information

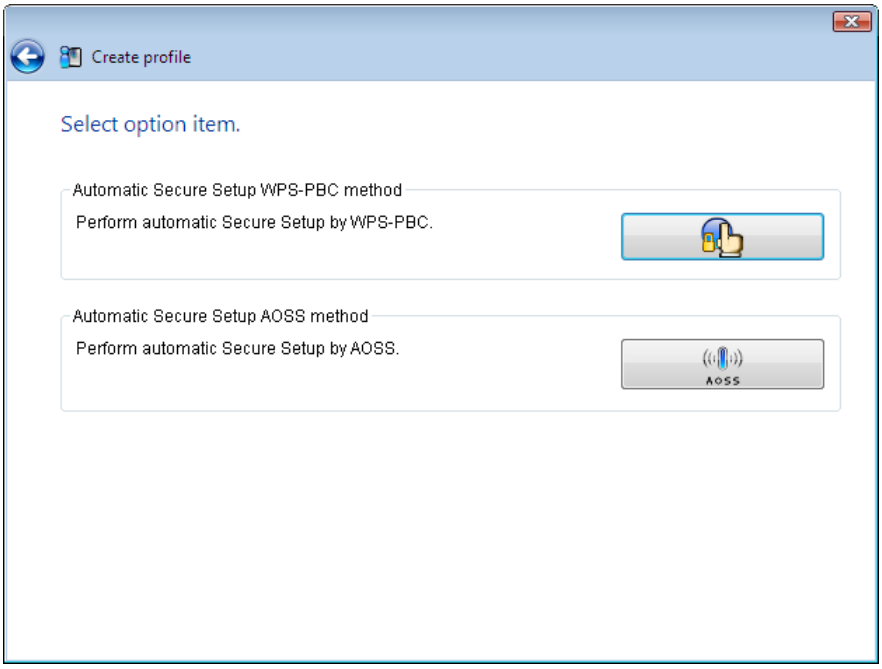
Configure wireless connection settings.



Parameter	Meaning
Network Type	Select a type of connection.
Network Name (SSID)	Enter the SSID of an access point.
Security Type	Select the security type of the selected access point.
Encryption Method	Select the encryption method of the selected access point.
Encryption Key or Passphrase	Enter the encryption key for the access point.
Connect to a network which does not broadcast the SSID	Check this box to connect to a hidden SSID that is not broadcast.
Connect	Connect to the access point.

WPS-PBC / AOSS selection

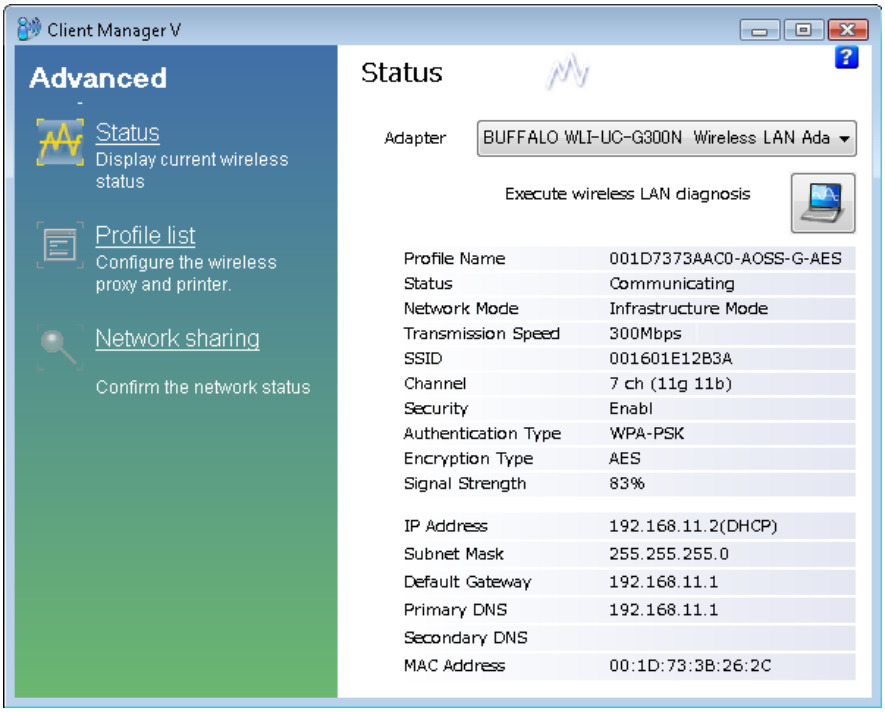
You may automatically connect to an access point by just pushing or clicking two buttons with WPS or AOSS.



Parameter	Meaning
Automatic Secure Setup WPS-PBC method	Click this to automatically connect to an access point that supports WPS.
Automatic Secure Setup AOSS method	Click this to automatically connect to an access point that supports AOSS.

Wireless Status

This screen displays the current connection status.



Parameter	Meaning
Adapter	Displays the name of the current wireless client.
Execute wireless LAN diagnostics	Opens the Wireless LAN Diagnoses wizard (page 40).
Profile Name	Displays the current profile name.
Status	Displays the current transmission status.
Network Mode	Displays the current network mode.
Transmission Speed	Displays the current transmission speed.
SSID	Displays SSID of the currently connected access point.
Channel	Displays the wireless channel currently used.

Parameter	Meaning
Security	Displays whether encryption is currently enabled or not.
Authentication Type	Displays the type of authentication currently used.
Encryption Type	Displays the type of encryption currently used.
Signal Strength	Displays the current signal strength.
IP Address	Displays the IP address assigned to your wireless client.
Subnet Mask	Displays the subnet mask assigned to your wireless client.
Default Gateway	Displays the default gateway address.
Primary DNS	Displays the primary DNS address.
Secondary DNS	Displays the secondary DNS address.
MAC Address	Displays the MAC address of your wireless client.

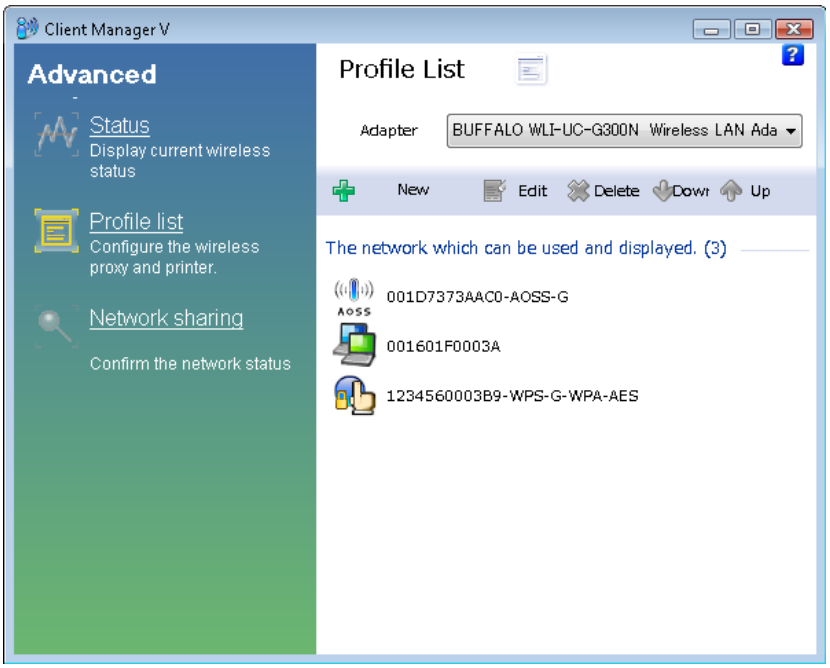
Wireless LAN Diagnostic

On the Wireless LAN Diagnostic screen, you can check signal strength and quality.

Parameter	Meaning
Adapter	Displays the name of the wireless client currently in use.
Connection status	Displays signal strength (dBm), link rate (Mbps), and signal quality (%) in 1 minute intervals. There are the following restrictions. • Some items may not be displayed depending on your wireless device. • Signal strength and quality displays may vary depending on wireless devices. These graphs should not be used to compare different wireless devices. Use this information to check wireless status for the same wireless device.
Usage of each channel	The 11b/11g displays usage of each channel on 2.4 GHz. The 11a displays usage of W52/W53/W56 channel. (WLI-UC-AG300N only) The color expresses the signal strength of an access point. Closer to red means stronger signal, and closer to blue means weaker signal.

Profile List

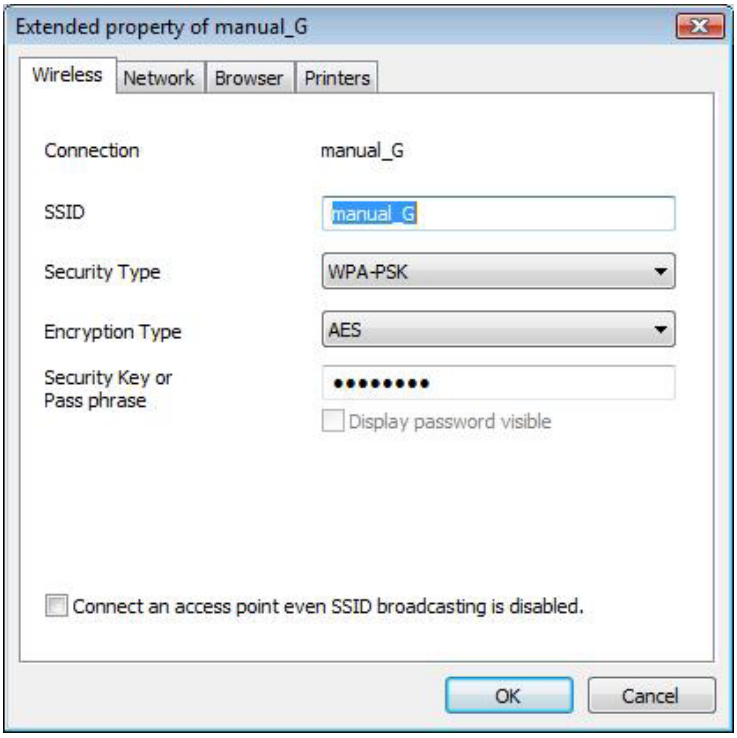
Create a new profile or edit an existing profile.



Parameter	Meaning
Adapter	Displays the name of the wireless client which is currently used.
New	Create a new profile. Click this to display the Automatic Secure Setup and Advanced Setup screen (page 33).
Edit	Edit the selected profile. Click this to display the Extended properties (Wireless) screen (page 42).
Delete	Delete the selected profile.
Down	Lower the priority of the selected profile.
Up	Raise the priority of the selected profile.

Wireless Properties

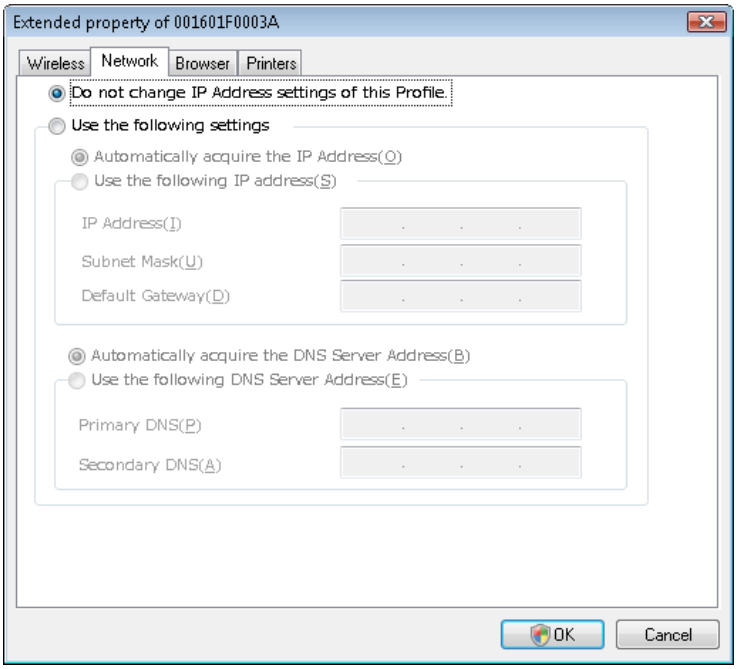
Current wireless settings.



Parameter	Meaning
Connection	Displays the current profile name.
SSID	Displays the SSID of the current connection.
Security Type	Displays the security type you are using for the current connection.
Encryption Type	Displays the encryption type you are using for the current connection.
Security key or Pass phrase	Displays the security key or pass phrase if "Display password visible" is checked.
Connect an access point even SSID broadcasting is disabled.	Check to connect to a wireless network that doesn't broadcast its SSID.

Network Properties

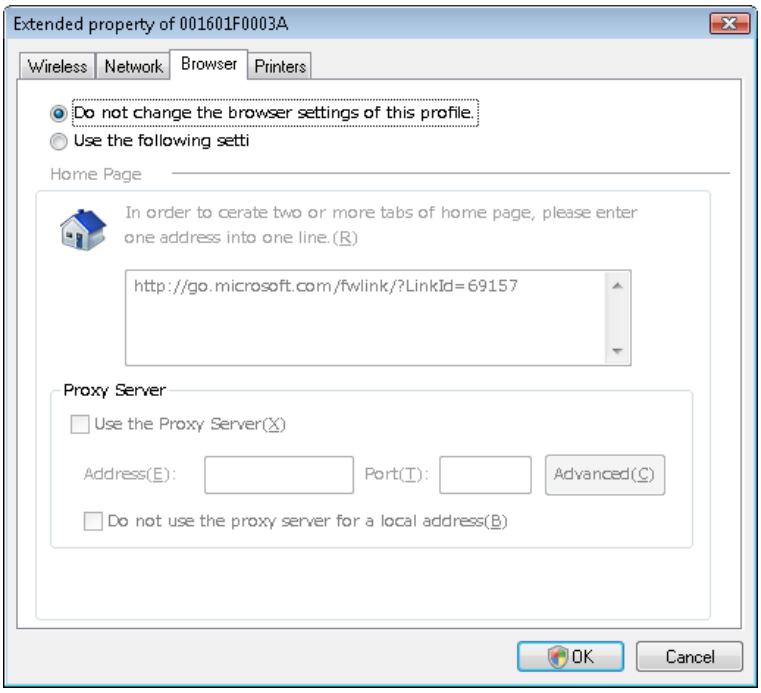
By default, your client's IP address is set automatically by DHCP. You may configure it manually from this screen.



Parameter	Meaning
Do not change IP Address settings of this Profile	Select to keep your current TCP/IP network setting without any changes. This is the recommended setting.
Use the following settings	Select this option to change your TCP/IP network settings. For expert users only.

Browser Properties

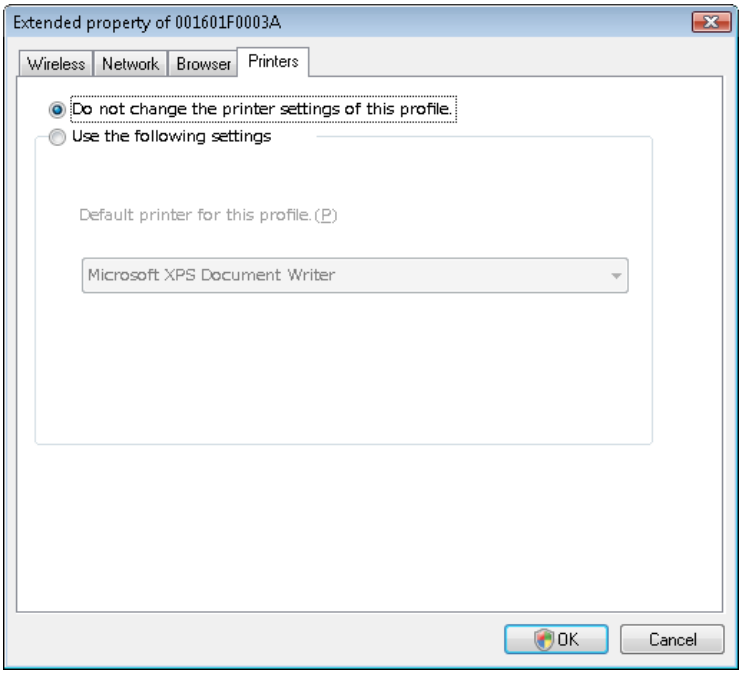
Configure Internet Explorer settings for wireless connections.



Parameter	Meaning
Do not change the browser settings of this Profile	Select to keep the current Internet Explorer settings.
Use the following settings	Select this option to configure the Internet Explorer Home Page and Proxy Server settings while connected wirelessly.

Printer Properties

Configure the printer used while connected to an access point wirelessly.



Parameter	Meaning
Do not change the printer settings of this Profile	Select to keep your current printer settings.
Use the following settings	Select to use a different default printer while connected wirelessly.

Using Client Manager 3

- When you install Client Manager, it will be added to your Startup folder and will automatically start with Windows. To launch Client Manager manually, click [Start] > [All Programs] > [BUFFALO] > [AirStation Utility] > [ClientManager3].
- Right-click on the Client Manager icon in the system tray and click [Exit] to close Client Manager. The Client Manager icon will change appearance according to its connection status:

 : No wireless client installed

 : Not connected to an access point

 : Transmitting to an access point with TKIP/AES encryption

 : Transmitting to an access point with WEP, or not encrypted

 : Transmitting in ad-hoc mode (not supported with this wireless client)

 : Authenticating

Status

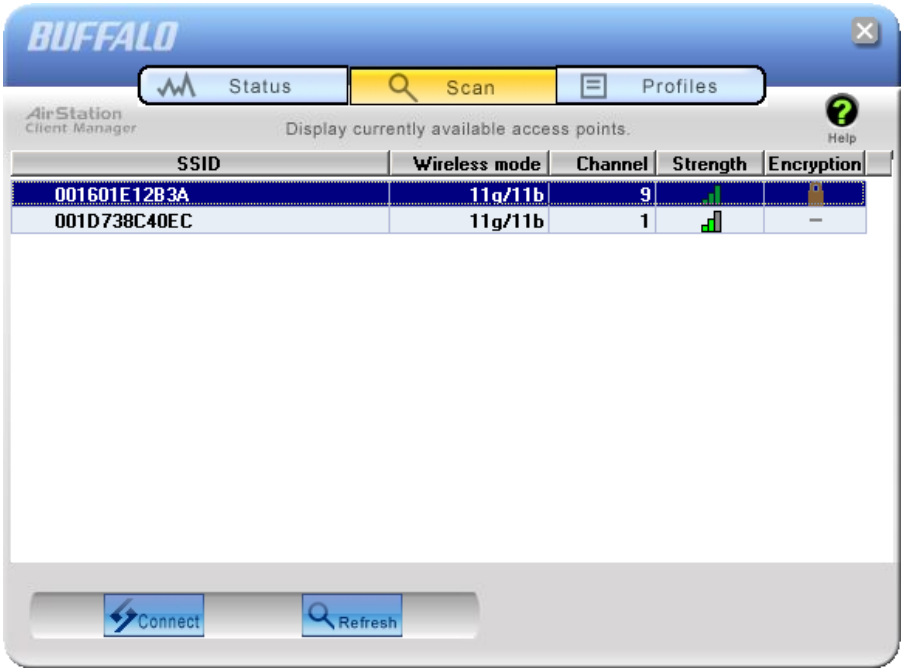
The Status screen displays the current connection status.

Parameter	Meaning
Profile	Current connection profile name.
SSID	SSID of the currently connected access point.
Adapter Name	Name of the wireless client currently in use.
Network Type	Current network mode.
Transmission Speed	Current transmission speed.
Channel	Current wireless channel.
Security	Displays whether security is currently enabled or not.
IP Address	The IP address assigned to this unit.

Parameter	Meaning
MAC Address	MAC address of this unit.
Duration	Elapsed duration of the current wireless connection.
Signal Strength	Current signal strength.
Reconnect	Click to reconnect the most recent connection.

Scan

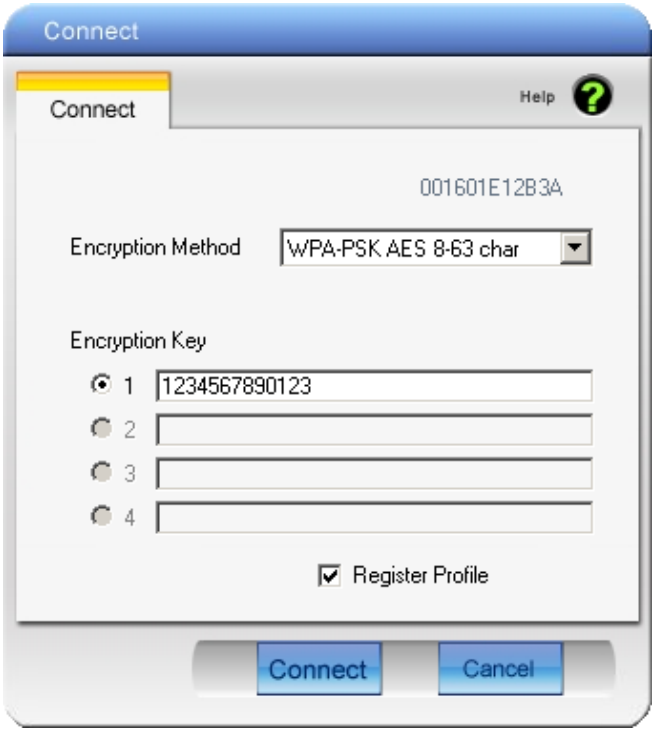
Scan and display nearby access points.



Parameter	Meaning
SSID	SSID of access point.
Wireless mode	Wireless type (such as 11a and 11g) of the access point.
Channel	Wireless channel of the access point.
Strength	Reception strength of each access point.
Encryption	Displays if security is used by the access point.
Connect	Click this to display the Connect screen (page 50).
Refresh	Click here to search for available access points again.

Connect

Configure connection to an access point.



Parameter	Meaning
Encryption Method	Type of encryption used by the access point.
Encryption Key	Enter the access point's encryption key (pass phrase).
Register Profile	Check to register this connection as a profile.

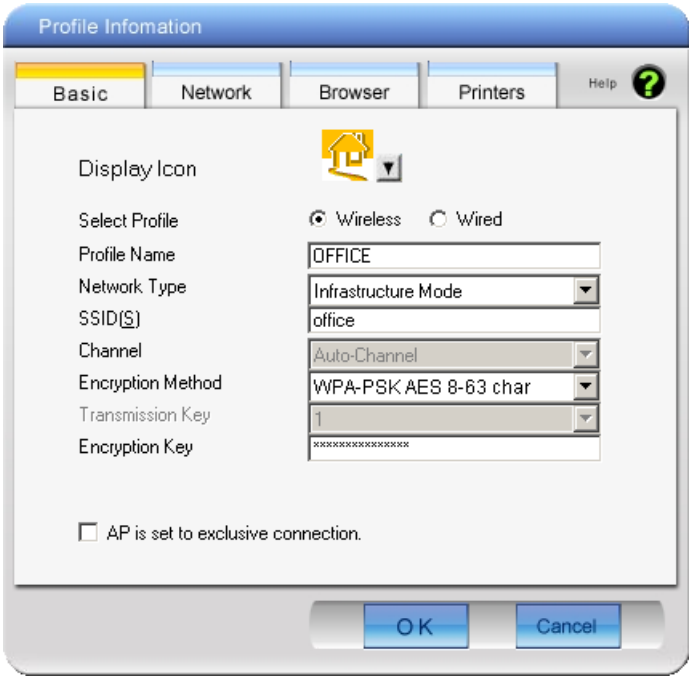
Profiles

Connect to an access point or edit a profile.

Parameter	Meaning
Connect	Selecting a profile and clicking this button will connect to an access point using a stored profile.
Add	Click this to add a new profile. It will display the Profiles Information screen (next page).
Edit	Click this to edit or delete information in a profile.
WPS AOSS	Click this button to have AOSS/WPS (PBC) automatically set security. After connection, a profile based on these settings will be created.
802.1x Profiles	This button is displayed when Client Manager is operating in Business Mode. Click to configure 802.1x authentication.

Profile Information (Basic)

Configure your profile settings.

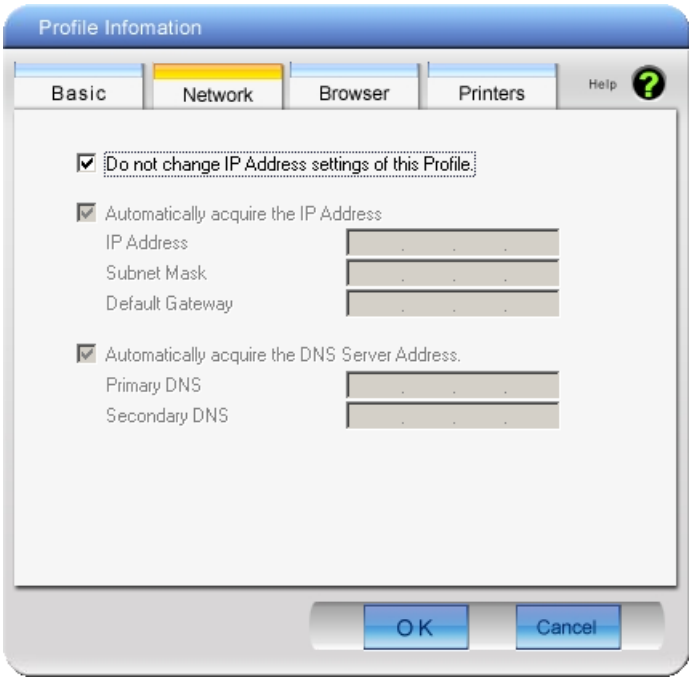


Parameter	Meaning
Display Icon	Select an icon to display on the profile from the list.
Select Profile	Connection may be wireless or wired (Ethernet). For use with the AirStation, select Wireless.
Profile Name	Enter a name for the profile.
Network Type	Select infrastructure mode to connect to an access point (recommended), or ad-hoc mode to connect directly to another wireless client.
SSID	Select the SSID of the wireless access point that the profile will connect to.
Channnel	Choose the wireless channel. In Infrastructure Mode, the channel is automatically configured.

Parameter	Meaning
Encryption Method	Select the encryption method used by the wireless access point.
Transmission Key	If WEP is used for the Encryption Method, 4 pass phrases may be entered. Use of the first (at least) is recommended.
Encryption Key	Enter the encryption key (pass phrase) for the access point.
AP is set to exclusive connection	Check if the access point's SSID is not broadcast.

Profile Information (Network)

The profile's IP address and subnet mask may be manually assigned.



Parameter	Meaning
Do not change IP Address settings of this Profile	Check to keep using current TCP/IP network settings.
Automatically acquire the IP Address	Check to automatically acquire the IP address from a DHCP server when connecting wirelessly.
Automatically acquire the DNS Server Address	Check to automatically acquire the DNS server address from a DHCP server when connecting wirelessly.

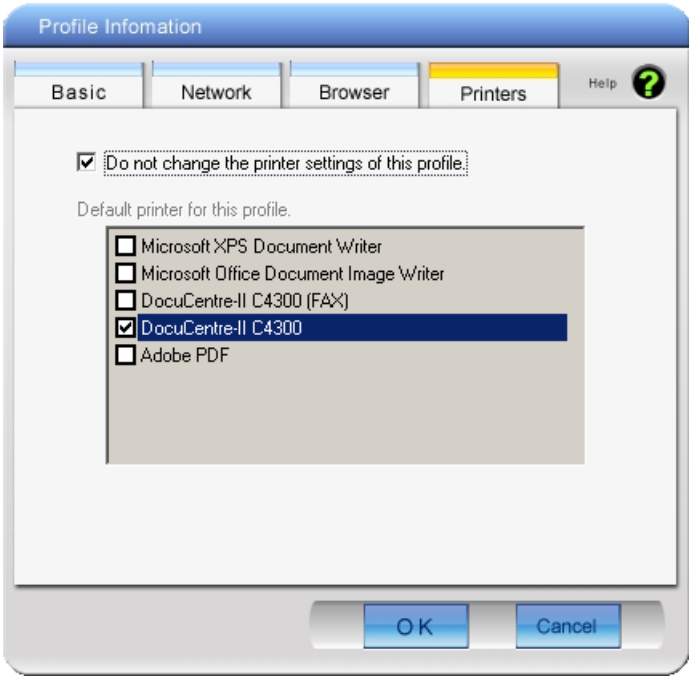
Profile Information (Browser)

Configure your Internet Explorer settings when connecting wirelessly.

Parameter	Meaning
Do not change the browser settings of this Profile	Check to use current Internet Explorer settings when connecting wirelessly. Uncheck to use any of the settings below.
Address to use as Home Page	To use a different home page in Internet Explorer when connecting wirelessly, enter it here.
Use the Proxy Server	To use a proxy server for Internet Explorer when connecting wirelessly, enter its IP address and a port number and check the box.
Do not use the proxy server for a local address	If checked, the proxy server will not be used for local addresses.

Profile Information (Printers)

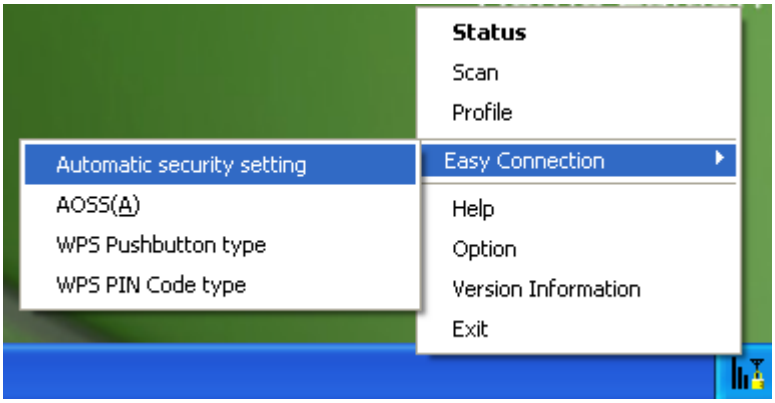
Configure the printer that your computer uses when connected wirelessly.



Parameter	Meaning
Do not change the printer settings of this Profile	Select this option to use a different printer when connecting wirelessly.

System Tray Menu

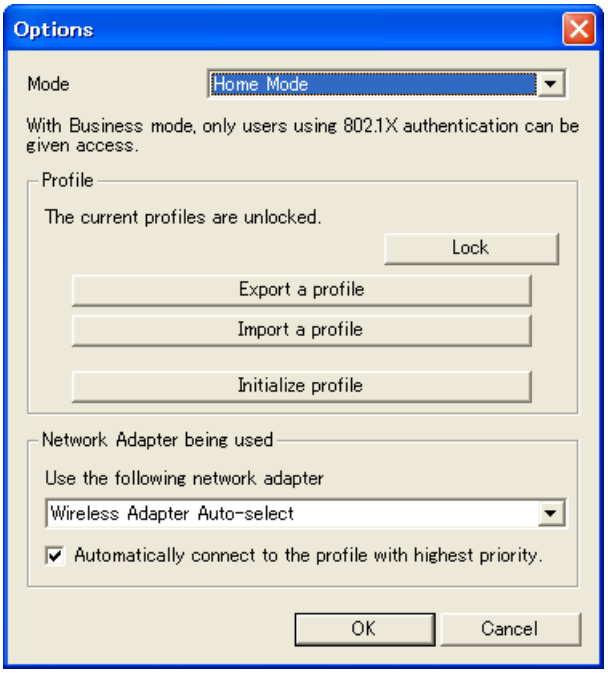
Right-click on the Client Manager icon in the system tray to display the following choices.



Parameter	Meaning
Status	Displays the Status screen (page 47).
Scan	Displays the Scan screen (page 49).
Profile	Displays the Profiles screen (page 51).
Easy Connection	Runs Automatic Secure Setup, using one of the following connection methods: AOSS, WPS(PBC), or WPS(PIN).
Help	Displays Client Manager Help.
Option	Displays the Options menu screen (page 58).
Version Information	Displays Client Manager version information.
Exit	Exits Client Manager.

Option Menu

Configure Client Manager options.



Parameter	Meaning
Mode	Switch between Client Manager's operating modes. If you select "Business Mode", the button to configure 802.1x authentication appears on the Profiles screen (Page 51). "Home Mode" is recommended.
Lock	If you click this, you will not be able to add new profiles or edit existing profiles. To lock or unlock, enter the password (8 - 63 characters).
Export a profile	Click this to save the currently registered profile information. To save profile information, enter the password (8 - 63 characters).
Import a profile	Click this to import a saved profile into Client Manager. You'll need to enter the password for the profile to continue.

Parameter	Meaning
Initialize profile	Click this to initialize profile information. Before initializing profile information, unlock the unit.
Use the following network adapter	Select a network adaptor to use in Client Manager. "Wireless Adapter Auto-select" is recommended for most users.
Automatically connect to the profile with highest priority	If checked, it will attempt to connect to the profile with highest priority as assigned on the Profile screen (page 51). Checked is recommended for most users.

Chapter 5 - Trouble Shooting

The Computer does not Recognize the Wireless Adapter.

- Make sure that the AirStation is connected to a USB port on your computer.
- If your computer has multiple USB ports, connect to a different USB port.
- Refer to chapter 2 to reinstall drivers for this unit.

You Cannot Connect to the Network Wirelessly.

- Refer to chapter 3 to connect this unit to an access point wirelessly.
- Configure the same SSID, encryption method, and encryption key for each wireless device. These settings must match those of your wireless access point.
- move your wireless devices closer to the access point.
- Restart your access point.

You Forgot the AP's SSID, Encryption Key, or Password.

- Ask your network administrator about your SSID and encryption settings. These settings must match the SSID and encryption settings of the access point.
- If your access point supports AOSS or WPS, try using them to connect to the access point. Instructions for connecting with AOSS or WPS are in chapter 3.

Other Tips

Issue:

When using the Windows wireless connection manager, I cannot connect to my wireless router. I receive a "*Cannot configure wireless network*" error message when scanning for available wireless networks.

Answer:

Another wireless client software may be installed on your computer that is taking control of the wireless client adapter away from the Windows connection manager. Either switch to the other software or use Add/Remove Programs to remove the conflicting client software. After rebooting, the Windows connection manager should be able to connect to the available wireless networks.

Issue:

When I attempt to connect to my wireless router, I receive an error message indicating that security settings on my computer do not match the settings on the router.

Answer:

Manually enter the correct security key and encryption type into the Windows connection manager.

To enter the security key in Windows XP:

Go to View Available Wireless Networks and select change Advanced Settings. Click on the Wireless Networks tab. There will be a list of networks to which you have previously connected. Highlight the network name (SSID) of the wireless router and select Properties. Enter the correct encryption key and select correct the encryption type as configured on the wireless router.

Go to Connect to Network, right-click on the name of the network and click Properties. Highlight the name of your network and go to Properties. Enter the correct encryption key and select correct the encryption type as configured on the wireless router.

Issue:

What can I do if my wireless connection drops randomly or seems slow?

Answer:

There are many environmental factors that may affect this behavior. First, ensure the issue is not range related by locating the wireless router and the client in closer proximity and check whether the connection drops continue.

In some cases, interference from other wireless networks or sources such as 2.4 GHz wireless phones may impact performance. To work around this scenario, change the wireless channel used by your wireless router.

Log in to the wireless router with your browser. Click on "*Wireless Configuration*". If an "*Auto-Channel*" option is available, attempt to use this option to remedy the problem. If "*Auto-Channel*" is unavailable, manually select an alternate channel.

Issue:

Though I am able to successfully make a connection with my wireless router, I am unable to access the Internet with my web browser.

Answer:

First, power off the cable or DSL modem, the wireless router, and then your computer. Pressing the power button or simply unplugging the devices can power off the modem and wireless router devices. Then after verifying that the modem is connected to the wireless router with a cable to the WAN port, power on the modem and wait two minutes. Turn on the wireless router and then the computer. Verify whether an Internet connection is available.

If, after these steps, an Internet connection is still unavailable, power off the cable or DSL modem and computer again and directly connect your computer to the cable or DSL modem with a cable between the computer and the port on the modem. Power on the modem and wait two minutes. Power on the computer and again check for an Internet connection.

If an Internet connection IS NOT available with a direct connection to the computer, please call the Internet Service Provider who installed the modem.

If an Internet connection IS available with a direct connection to the computer, please call our customer support line.

Issue:

Where can I download the latest drivers, firmware and instructions for my Buffalo wireless products?

Answer:

The latest drivers and firmware with installation instructions are available online at *www.buffalotech.com*

Appendix

Specifications

WI-U2-866D

Wireless LAN Interface	
Standard Compliance	IEEE802.11ac (Draft 2.0) /n/a/g/b
Transmission Method	Direct Sequence Spread Spectrum (DSSS), OFDM, MIMO
Frequency Range	Available frequencies depend on the country of purchase. See the page xx for details.
Transmission Rate 802.11ac (Draft)	802.11ac (Draft): 20 MHz BW (Long GI) 156, 130, 117, 104, 78, 52, 39, 26, 13 Mbps (2 stream) 78, 65, 58.5, 52, 39, 26, 19.5, 13, 6.5 Mbps (1 stream) 20 MHz BW (Short GI) 173.3, 144.4, 130, 115.6, 86.7, 57.8, 43.3, 28.9, 14.4 Mbps (2 stream) 86.7, 72.2, 65, 57.8, 43.3, 28.9, 21.7, 14.4, 7.2 Mbps (1 stream) 40 MHz BW (Long GI) 360, 324, 270, 243, 216, 162, 108, 81, 54, 27 Mbps (2 stream) 180, 162, 135, 121.5, 108, 81, 54, 40.5, 27, 13.5 Mbps (1 stream) 40 MHz BW (Short GI) 400, 360, 300, 270, 240, 180, 120, 90, 60, 30 Mbps (2 stream) 200, 180, 150, 135, 120, 90, 60, 45, 30, 15 Mbps (1 stream) 80 MHz BW (Long GI) 780, 702, 585, 526.5, 468, 351, 234, 175.5, 117, 58.5 Mbps (2 stream) 390, 351, 292.5, 263.3, 234, 175.5, 117, 87.8, 58.5, 29.3 Mbps (1 stream) 80 MHz BW (Short GI) 866.7, 780, 650, 585, 520, 390, 260, 195, 130, 65 Mbps (2 stream) 433.3, 390, 325, 292.5, 260, 195, 130, 97.5, 65, 32.5 Mbps (1 stream)

Transmission Rate 802.11n/a/b/g	802.11n: 20 MHz BW (Long GI) 130, 117, 104, 78, 52, 39, 26, 13 Mbps (2 stream) 65, 58.5, 52, 39, 26, 19.5, 13, 6.5 Mbps (1 stream) 20 MHz BW (Short GI) 144.4, 130, 115.6, 86.7, 57.8, 43.3, 28.9, 14.4 Mbps (2 stream) 72.2, 65, 57.8, 43.3, 28.9, 21.7, 14.4, 7.2 Mbps (1 stream) 40 MHz BW (Long GI) 270, 243, 216, 162, 108, 81, 54, 27 Mbps (2 stream) 135, 121.5, 108, 81, 54, 40.5, 27, 13.5 Mbps (1 stream) 40 MHz BW (Short GI) 300, 270, 240, 180, 120, 90, 60, 30 Mbps (2 stream) 150, 135, 120, 90, 60, 45, 30, 15 Mbps (1 stream) 802.11a/g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11b: 11, 5.5, 2, 1 Mbps
Access Mode	Infrastructure Mode
Security	WPA2 (TKIP/AES), WPA-PSK (TKIP/AES), 128/64bit WEP
Other	
Power Supply	5.0 V Bus powered
Power Consumption	2500 mW (Max)
Dimensions	TBD
Weight	TBD
Operating Environment	0 - 40° C (32 - 104° F) , 20-85 % (non-condensing)

802.11a Frequency Range	
USA Canada Mexico Brazil	5180-5240 MHz (Channels 36, 40, 44, 48) 5745-5825 MHz (Channels 149, 153, 157, 161, 165)
EU Middle East	5180-5240 MHz (Channels 36, 40, 44, 48) 5260-5320 MHz (Channels 52, 56, 60, 64) 5500-5570 MHz (Channels 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140)
Australia India Hong Kong Philippines Thailand Malaysia Singapore	5180-5240 MHz (Channels 36, 40, 44, 48) 5260-5320 MHz (Channels 52, 56, 60, 64) 5745-5825 MHz (Channels 149, 153, 157, 161, 165)
802.11g Frequency Range	
USA Canada Mexico Brazil	2412-2462 MHz (Channels 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11)
EU Middle East	2412-2472 MHz (Channels 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13)
Australia India Hong Kong	2412-2462 MHz (Channels 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11)
Philippines Thailand Malaysia Singapore	2412-2472 MHz (Channels 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13)

WI-U2-400D

Wireless LAN Interface	
Standard Compliance	IEEE802.11ac (Draft 2.0) /n/a/g/b
Transmission Method	Direct Sequence Spread Spectrum (DSSS), OFDM, MIMO
Frequency Range	Available frequencies depend on the country of purchase. See the page xx for details.
Transmission Rate 802.11ac (Draft)	802.11ac (Draft): 20 MHz BW (Long GI) 156, 130, 117, 104, 78, 52, 39, 26, 13 Mbps (2 stream) 78, 65, 58.5, 52, 39, 26, 19.5, 13, 6.5 Mbps (1 stream) 20 MHz BW (Short GI) 173.3, 144.4, 130, 115.6, 86.7, 57.8, 43.3, 28.9, 14.4 Mbps (2 stream) 86.7, 72.2, 65, 57.8, 43.3, 28.9, 21.7, 14.4, 7.2 Mbps (1 stream) 40 MHz BW (Long GI) 360, 324, 270, 243, 216, 162, 108, 81, 54, 27 Mbps (2 stream) 180, 162, 135, 121.5, 108, 81, 54, 40.5, 27, 13.5 Mbps (1 stream) 40 MHz BW (Short GI) 400, 360, 300, 270, 240, 180, 120, 90, 60, 30 Mbps (2 stream) 200, 180, 150, 135, 120, 90, 60, 45, 30, 15 Mbps (1 stream)
Transmission Rate 802.11n/a/b/g	802.11n: 20 MHz BW (Long GI) 130, 117, 104, 78, 52, 39, 26, 13 Mbps (2 stream) 65, 58.5, 52, 39, 26, 19.5, 13, 6.5 Mbps (1 stream) 20 MHz BW (Short GI) 144.4, 130, 115.6, 86.7, 57.8, 43.3, 28.9, 14.4 Mbps (2 stream) 72.2, 65, 57.8, 43.3, 28.9, 21.7, 14.4, 7.2 Mbps (1 stream) 40 MHz BW (Long GI) 270, 243, 216, 162, 108, 81, 54, 27 Mbps (2 stream) 135, 121.5, 108, 81, 54, 40.5, 27, 13.5 Mbps (1 stream) 40 MHz BW (Short GI) 300, 270, 240, 180, 120, 90, 60, 30 Mbps (2 stream) 150, 135, 120, 90, 60, 45, 30, 15 Mbps (1 stream) 802.11a/g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11b: 11, 5.5, 2, 1 Mbps
Access Mode	Infrastructure Mode
Security	WPA2 (TKIP/AES), WPA-PSK (TKIP/AES), 128/64bit WEP

Other	
Power Supply	5.0 V Bus powered
Power Consumption	2500 mW (Max)
Dimensions	TBD
Weight	TBD
Operating Environment	0 - 40° C (32 - 104° F) , 20-85 % (non-condensing)

802.11a Frequency Range	
China	5745-5825 MHz (Channels 149, 153, 157, 161, 165)
South Korea	5180-5240 MHz (Channels 36, 40, 44, 48) 5745-5825 MHz (Channels 149, 153, 157, 161, 165)
Taiwan	5260-5320 MHz (Channels 52, 56, 60, 64) 5745-5825 MHz (Channels 149, 153, 157, 161, 165)
802.11g Frequency Range	
China South Korea	2412-2472 MHz (Channels 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13)
Taiwan	2412-2462 MHz (Channels 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11)

Uninstalling the Software

To uninstall the software, follow the procedure described below.

1. Insert AirNavigator CD.
   When you insert CD, AirNavigator Setup Wizard will launch automatically.
   If AirNavigator Setup Wizard is not displayed, double-click My Computer icon > CD-ROM drive icon > [AirNavi.exe].
2. Click [Options].
3. Click [Uninstall software].
4. Follow the insturctions on the screen to delete the Utility software.

Uninstalling the Drivers

To remove the AirStation wireless client drivers, follow the procedure described below.

1. Insert AirNavigator CD.
   When you insert CD, AirNavigator Setup Wizard will launch automatically.
   If AirNavigator Setup Wizard is not displayed, double-click My Computer icon > CD-ROM drive icon > [AirNavi.exe].
2. Click [Options].
3. Click [Remove Drivers].
4. Follow the insturctions on the screen to remove drivers.

TCP/IP Settings in Windows

Windows 8, 7

To configure TCP/IP in Windows 7, follow the procedure below.

1 Click [Start] > [Control Panel] > [Network and Internet].

2 Click [Network and Sharing Center].

3 Click [Change Adapter Settings] on the left side menu.

4 Right-click on [Local Area Connection], then click [Properties].

5 If the message "Windows needs your permission to continue" appears, click [Continue].

6 Select [Internet Protocol Version 4 (TCP/IPv4)] then click [Properties].

7 To have DHCP set your IP address settings automatically, check [Obtain an IP address automatically] and [Obtain DNS server address automatically].

To set your IP address settings manually, enter values for each setting. Example:

If the router's IP address is 192.168.11.1,

IP address	192.168.11.80
Subnet mask	255.255.255.0
Default gateway	192.168.11.1
Preferred DNS server	192.168.11.1
Alternate DNS server	blank

8 Click [OK].

Windows Vista

To configure TCP/IP in Windows Vista, follow the procedure below.

1 Click [Start] > [Settings] > [Control Panel].

2 Double-click [Network and Sharing Center].

3 Click [Manage network connections] on the left side menu.

4 Right-click on [Local Area Connection], then click [Properties].

5 When the message [Windows needs your permission to continue], click [Continue].

6 Select [Internet Protocol Version 4 (TCP/IPv4)], then click [Properties].

7 To have DHCP set your IP address settings automatically, check [Obtain an IP address automatically] and [Obtain DNS server address automatically].

To set your IP address settings manually, enter values for each setting. Example:

If the router's IP address is 192.168.11.1,

IP address	192.168.11.80
Subnet mask	255.255.255.0
Default gateway	192.168.11.1
Preferred DNS server	192.168.11.1
Alternate DNS server	blank

8 Click [Close].

Windows XP

To configure TCP/IP in Windows XP, follow the procedure below.

1 Click [Start] > [Settings] > [Control Panel].

2 Double-click [Network].

3 Right-click on [Local Area Connection], then click [Properties].

4 Select [Internet Protocol (TCP/IP)], then click [Properties].

5 To have DHCP set your IP address settings automatically, check [Obtain an IP address automatically] and [Obtain DNS server address automatically].

To set your IP address settings manually, enter values for each setting. Example:.

If the router's IP address is 192.168.11.1,

IP address	192.168.11.80
Subnet mask	255.255.255.0
Default gateway	192.168.11.1
Preferred DNS server	192.168.11.1
Alternate DNS server	blank

6 Click [Close].

Compliance Information

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.
This device is going to be operated in 5.15~5.25GHz frequency range, it is restricted in indoor environment only.

Federal Communication Commission (FCC) Radiation Exposure Statement:

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.T his equipment should be installed and operated with minimum distance 0.5 cm between the radiator & your body.

SAR compliance has been established in typical laptop computer(s) with USB slot, and product could be used in typical laptop computer with USB slot. Other application like handheld PC or similar device has not been verified and may not comply with related RF exposure rule and such use shall be prohibited.

The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

Industry Canada statement:
Industrie Canada déclaration:

This Class B digital apparatus complies with Canadian ICES-003.
This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes:
(1) le dispositif ne doit pas produire de brouillage préjudiciable, et
(2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Caution:
Prudence:

The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

The maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

IC Radiation Exposure Statement:

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528. This equipment should be installed and operated with minimum distance 0.5cm between the radiator & your body.

IC sur l'exposition aux radiations radiationscet TUE est la conformité avec le SAR pour la population générale/exposition incontrôlée limites dans IC RSS-102 et avaient été testés conformément aux méthodes et procédures de mesure spécifiée dans la norme IEEE 1528. Cet équipement doit être installé et exploité avec minimum distance 0.5 cm entre le radiateur & votre corps.

This device has been designed to operate with an antenna having a maximum gain of [1.86] dB. Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

Ce dispositif a été conçu pour fonctionner avec une antenne ayant un gain maximal de dB [1.86]. Une antenne à gain plus élevé est strictement interdite par les règlements d'Industrie Canada. L'impédance d'antenne requise est de 50 ohms.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peutfonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pourl'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectriqueà l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que lapuissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire àl'établissement d'une communication satisfaisante.

Le dispositif pourrait automatiquement cesser d'émettre en cas d'absence d'informations à transmettre, ou une défaillance opérationnelle. Notez que ce n'est pas l'intention d'interdire la transmission des informations de contrôle ou de signalisation ou l'utilisation de codes répétitifs lorsque requis par la technologie.

le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5825 MHz)
doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

Europe - EU Declaration of Conformity:

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the R&TTE Directive 1999/5/EC:

• EN 60950-1:2006+A11:2009+A1:2010+A12:2011

Safety of Information Technology Equipment

• EN 62311: 2008

Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz)

• EN 300 328 V1.8.1: (2012-04)

Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

• EN 301 489-1 V1.9.2: (2011-09)

Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

• EN 301 489-17 V2.1.1 (2009-05)

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment.

• EN 301 893 V1.7.0: (2012-01)

Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive

This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries, except in France and Italy where restrictive use applies.

In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.

This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 – 2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.

CE 0560 ⓘ

Česky [Czech]
Buffalo Technology Inc. tímto prohlašuje, že tento AirStation WI-U2-800D / WI-U2-400D je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.

Dansk [Danish]
Undertegnede Buffalo Technology Inc. erklærer herved, at følgende udstyr AirStation WI-U2-800D / WI-U2-400D overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.

Deutsch [German]
Hiermit erklärt Buffalo Technology Inc. dass sich das Gerät AirStation WI-U2-800D / WI-U2-400D in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.

Eesti [Estonian]
Käesolevaga kinnitab Buffalo Technology Inc. seadme AirStation WI-U2-800D / WI-U2-400D vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

English
Hereby, Buffalo Technology Inc. declares that this AirStation WI-U2-800D / WI-U2-400D is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Español [Spanish]
Por medio de la presente Buffalo Technology Inc. declara que el AirStation WI-U2-800D / WI-U2-400D cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.

Ελληνική [Greek]
ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Buffalo Technology Inc. ΔΗΛΩΝΕΙ ΟΤΙ AirStation WI-U2-800D / WI-U2-400D ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.

Français [French]
Par la présente Buffalo Technology Inc. déclare que l'appareil AirStation WI-U2-800D / WI-U2-400D est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.

Italiano [Italian]
Con la presente Buffalo Technology Inc. dichiara che questo AirStation WI-U2-800D / WI-U2-400D è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Latviski [Latvian]
Ar šo Buffalo Technology Inc. deklarē, ka AirStation WI-U2-800D / WI-U2-400D atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

Lietuvių [Lithuanian]
Šiuo Buffalo Technology Inc. deklaruoja, kad šis AirStation WI-U2-800D / WI-U2-400D atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

Nederlands [Dutch]
Hierbij verklaart Buffalo Technology Inc. dat het toestel AirStation WI-U2-800D / WI-U2-400D in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.

Malti [Maltese]
Hawnhekk, Buffalo Technology Inc. , jiddikjara li dan AirStation WI-U2-800D / WI-U2-400D jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.

Magyar [Hungarian]
Alulírott, Buffalo Technology Inc. nyilatkozom, hogy a AirStation WI-U2-800D / WI-U2-400D megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.

Polski [Polish]
Niniejszym, Buffalo Technology Inc. , deklaruję, że AirStation WI-U2-800D / WI-U2-400D spełnia wymagania zasadnicze oraz stosowne postanowienia zawarte Dyrektywie 1999/5/EC.

Português [Portuguese]
Buffalo Technology Inc. declara que este AirStation WI-U2-800D / WI-U2-400D está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

Slovensko [Slovenian]
Buffalo Technology Inc. izjavlja, da je ta AirStation WI-U2-800D / WI-U2-400D v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

Slovensky [Slovak]
Buffalo Technology Inc. týmto vyhlasuje, že AirStation WI-U2-800D / WI-U2-400D spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

Suomi [Finnish]
Buffalo Technology Inc. vakuuttaa täten että AirStation WI-U2-800D / WI-U2-400D tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

Svensk [Swedish]
Härmed intygar Buffalo Technology Inc. att denna AirStation WI-U2-800D / WI-U2-400D står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

根據 NCC 低功率電波輻射性電機管制辦法：

第十二條：
經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條：
低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

기종별	사 용 자 안 내 문
B 급 기기 (가정용 정보통신기기)	이 기기는 가정용 (B 급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며 , 모든 지역에서 사용할 수 있습니다 .

Brasil
Este equipamento opera em caráter secundário, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo e não pode causar interferência a sistemas operando em caráter primário.

Environmental Information

- The equipment that you have purchased has required the extraction and use of natural resources for its production.
- The equipment may contain hazardous substances that could impact health and the environment.
- In order to avoid the dissemination of those substances in our environment and to diminish the pressure on the natural resources, we encourage you to use the appropriate take-back systems.
- The take-back systems will reuse or recycle most of the materials of your end life equipment in a sound way.
- The crossed-out wheeled bin symbol invites you to use those systems.

- If you need more information on the collection, reuse and recycling systems, please contact your local or regional waste administration.