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Chapter 1 - Product Overview

Features

With support for current Wireless-N, Wireless-G, and Wireless-B standards, the AirStation can transfer data to and from all standard 2.4 GHz wireless network devices.

AOSS (AirStation One-touch Secure System) and WPA (Wi-Fi Protected Setup) make connection with wireless devices easier.

AirStation is equipped with following security features.

- WPA-PSK (TKIP/AES)
- WPA2-PSK (TKIP/AES)
- WEP (128/64bit)

Thanks to a movable antenna, you can enjoy a comfortable radio environment without moving your laptop computer.

You can verify the reception at 3 levels with LED display.

300 Mbps High Speed Mode

300 Mbps is the link speed when using 2 channel Wireless-N mode. It represents actual wireless data speeds, including overhead. Because the overhead is not available for user data transfer, usable wireless throughput will be substantially slower.

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 7 (32 bit / 64 bit) / Vista (32 bit) / XP / 2000

*Service Pack 2 or later is required for Windows XP.

*Service Pack 4 and Internet Explorer 5.5 or later are required for Windows 2000.

Package Contents

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

•	WLI-UC-G300HP	1
•	USB cable	1
•	Air Navigator CD	1
•	Quick Setup Guide	1

Hardware Overview



- **1** Signal LED (Green) You can check the strength of reception of this unit by looking at the number of LED lights lit. (Maximum of 3 lights illuminated)
- **2** ACT LED (Blue) Flashes when sending/receiving data.

Chapter 2 - Installation

Installing Wireless Drivers

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

- **1** Boot your computer and insert AirNavigator CD. The AirNavigator Setup Wizard will launch automatically.
 - Note: If the AirNavigator Setup Wizard doesn't launch, double click [My Computer] > CD-ROM drive icon > [AirNavi.exe] to launch manually.



Click [Begin Installation].



Click [AirStation Wireless LAN Adapters].

5



Back
 Install
 Software Option List (Use the check boxes to select the software you wish to install)
 Do not install

Disable any firewalls, and click [Next].

Click [Install].

- Note: If you insert the check mark into the check box for Install Wireless Client Manager, you can install Client Manager as well as drivers.
 - Refer to the instructions on page 11 to install Client Manager after installing drivers.

6	Buffalo wireless LAN driver installer	X
•	Driver Installation	
	This will install drivers for your Buffalo Technology wireless adapter.	
	To continue, click 'Next'.	
	< Back Next > Cance	el

Click [Next].



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

8	💀 Windows Security 💽
Ŭ	Would you like to install this device software?
	Name: BUFFALO INC. Network adapters Publisher: BUFFALO INC.
	Always trust software from "BUFFALO INC.".
	You should only install driver software from publishers you trust. How can I decide which device software is safe to install?

9 Buffalo wireless LAN driver installer
Please attach the product.
Once the product is attached please wait.
'If using an adapter other than a buffalo wireless LAN adapter.
please click the cancel button.

When the screen to the left is displayed, put a check mark next to "Always trust software from BUFFALO INC.", and click [Install].

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





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 8), 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 AirNavigator Setup Wizard will launch automatically.
 - Note: If AirNavigator Setup Wizard is not displayed, double click [My Computer] icon > CD-ROM drive icon > [AirNavi.exe].



Click [Options].



Click [Advanced Installation].

Bl	IFFALO				
Use the check boxes to select the software you wish to install. Then click `Install`.					
Softwa	re Option List:				
	Install Wireless Drivers	Do not install			
Ø	Install Wireless Client Manager 3	Install			
80	Install Wireless Client Manager V	Not compatible with this version .			
(< 1	Back) Install	AirNavigator			

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

Note: Use Client Manager V with Windows Vista or Client Manager 3 with Windows XP/2000.

5



6	📮 BUFFALO Client Manager 3 Installer
	License Agreement
	SOFTWARE LICENSE AGREEMENT
	IMPORTANT READ CAREFULLY: By installing this software, you agree to be legally bound by the terms of this Software License Agreement. If you do not agree to the terms of this Agreement, promptly close
	the installation program.
	SOFTWARE LICENSE 1. GRANT OF LICENSE 1.1 The software contained in the packet(s) (The Software) is hereby licensed to you nonexclusively pursuant to the terms and conditions of this Agreement.
	2. INTELLECTUAL PROPERTY RIGHT 2.1 The Software is protected by copyright and other intellectual property laws and international treaty provisions. 2.2 The Software is licensed, not sold, and all intellectual property rights in the Software belong to the original
	Agree Disagree

Click [Next].

Read the license agreement and select [Agree].



Click [Next].

Click [OK].

Click [Back].



Installation is complete. Please click `Back`.

AirNavigator

Client Manager is now installed.

Back

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

Chapter 3 - Connect to a Wireless Network

Automatic Secure Setup (AOSS/WPS (PBC))

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. WPS was created by the Wi-Fi Alliance.



You need to have Client Manager V and Client Manager 3 installed from the CD attached to this unit in advance to connect using AOSS/WPS (PBC). (page 11)

Windows 7/Vista (Client Manager V)

If you are using Windows 7/Vista, use the included Client Manager V software to connect wirelessly with AOSS/WPS(PBC).

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



When the screen at left is displayed, click [Create Profile].

3 When the message "A Program needs your permission to continue" appears, click [Continue].

G	E Create profile				When the screen shown at left i
	Perform setup of wireless	connection to the Ai	irStation		button.
	Wireless Adapter	BUFFALO WLI-UC-G300	HP	•	
	Select the Setup Method				
	Automatic Secure Setup				
	Perform connection and secu	rity configuration automatic	ally.		
	Advanced Setup				
	Select a Network Name (SSID then connect manually. Otherwise connect with WPS-) or enter the SSID, PIN method.		j p	
	Option (Expert only)	(Client Manager V. Ver.1	.3.7 BUFFALO	

Follow the instructions displayed on the screen.

After you configured and if the message "Connection has been Completed" is displayed on Client Manager V, then you have completed the connection by AOSS/WPS (PBC).

(If "Set Network Location" screen is displayed, select "Home", "Work", or "Public location" depending on the environment in which the AirStation will be used.

Windows XP/2000 (Client Manager 3)

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

- Note: Windows 2000 does not support wireless connection using WPS (PBC). (It uses AOSS wireless connection instead).
- 1 Right click on the icon **?** in the system tray, and select [Profile].



When the screen shown at left is displayed, click [WPS AOSS] button.

Follow the instructions displayed on the screen.

You have completed the AOSS/WPS (PBC) connection when the message "Security setup and connection have been Completed" is displayed in Client Manager 3.

Automatic Secure Setup (WPS (PIN))

WPS (Personal Identification Number) uses the mechanism which register the unique number generated by the utility program (Client Manager) included with this product to an access point and connect wirelessly.Use this feature when connecting to an access point which supports WPS (PIN).

You need to have Client Manager V and Client Manager 3 installed from the CD attached to this unit in advance in order to connect wirelessly using WPS (PIN). (page 11)

Windows 7/Vista (Client Manager V)

If you are using Windows 7/Vista, use Client Manager which comes with this package and follow the procedure below to connect wirelessly with WPS (PIN).

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



When the screen on the left is displayed, click [Create Profile] button.

3 When the message "A Program needs your permission to continue", click [Continue].

Perform setup of w	ireless connection to the AirSta	ition
Wireless Adapter	BUFFALO WLI-UC-G300HP	
Select the Setup Method		
Automatic Secure Setu	p	
Perform connection an	d security configuration automatically.	
Advanced Setup		
Select a Network Nam then connect manually Otherwise connect with	e (SSID) or enter the SSID, h WPS-PIN method.	j\$P
Ontion (Evenant only)	Client	t Manager V Ver.1.3.7 RIICO

When the screen which looks like the illustration on the left displayed, click [Advanced Setup] button.

5

9	I Create profile		
	Select the connection method		When the screen which looks
	Connect Manually		
	Select or Enter the Network Name (SSID). Enter the encryption information.		displayed, click [WPS-PIN] butte
	Connect with WPS-PIN		
	Acquire encryption information from an Access Point with WPS-PIN method	1	

5	Treate profile
	Please start the Registrar. Enter this PC's PIN code to the Registrar to start the Registrar.
	Current PIN code of the PC : 13934705
	If you use a Registrar which requires to enter a PIN code after starting it (Windows Vista etc.), go to the next screen without entering the PIN code. (Enter the PIN code later)
	Next

When the PIN code is displayed, write it down.

After you write the PIN code down on a piece of paper, click [Next].



Network Name (SSID)	Model N	lame	Channel Stre.
001601E12B3A		ЯP	1ch 📲

Select the access point you are going to connect, and click [Next].



This screen will be displayed.

- 8 Use an administrative computer which is connected to an access point with a wire in order to login to that access point. The screen to enter the PIN code will be displayed.
 - Note: If the access point you are trying to connect is the AirStation, click [Wireless Config]> [WPS] on the TOP of the configuration screen. The screen to enter the PIN code will be displayed.

9	Setup WPS AOSS Ba	Internet/LAI sic(11g) Adv	Wireleanced(11g)	ss Config WMM(11g	On the the ac code y	e configuration screen of cess point, enter the PIN you write down in step 6.
	WPS External Registra	✓ enable r ✓ enable			Note:	If the access point you are trying to connect is the AirStation, enter the PIN code in [Enrollee PIN] and click [OK].
	Apply					
	AirStation PIN 18	190014	ierate PIN			
	Enrollee PIN 1	3934705	ж			
	WPS Security I	nfomation				

Follow the instructions displayed on the screen to configure.

You have completed the connection with WPS (PIN) after you configured and when the message "Connection has been Completed" is displayed in Client Manager V.

(If "Set Network Location" screen 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 Client Manager 3 which comes with this package and follow the procedure below to connect wirelessly with WPS (PIN).

Note: Windows 2000 does not support WPS (PIN).

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



When the PIN code is displayed, write it down. Then, click [Next].

6 - I I - II I I			
Select the network.			
Network Name (SSID)	Model Name	Channel	Str
001D7373AAC0	9	b 10ch	ألأه
001D739512B4	9	b 8ch	ألك
Remaining Time			

Select the access point you are going to connect, and click [Next].

Create profile	X
Setting up security with WPS-PIN	I method
\$ • •	Starting WPS-PIN Waiting for entering the PIN code to the Registrar Information is being exchanged with the AirStation.
Current PIN code 33240428	
(******	
	< Back Next > Cancel

This screen will be displayed.

- **4** Use a computer with a wired Ethernet connection to log in to the access point. The screen to enter the PIN code will be displayed.
 - Note: If the access point you are trying to connect is a Buffalo AirStation, click [Wireless Config] > [WPS] on the TOP of the configuration screen. The screen to enter the PIN code will be displayed.

Setup	l	ntern	et/LAN	Wireles	s Config
WPS AOSS	Basi	C(11g) Adva	nced(11g)	WMM(11
WPS		🗹 en	able		
External Regis	trar	✓ en	able		
Apply					
	4040				
AirStation PIN	1815	90014		erate PIN	

On the configuration screen of the access point, enter the PIN code you wrote down in step 2.

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

Follow the instructions displayed on the screen to configure. When "Connection has been completed" is displayed, you are connected.

Manual Setup (Client Manager)

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

First, install Client Manager from the included CD. (page 11)

Windows 7/Vista (Client Manager V)

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

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



When this screen is displayed, click [Create Profile].

3 When the message "A Program needs your permission to continue", click [Continue].

G	Treate profile				
	Perform setup of wire	eless connection to the	e AirStation		
	Wireless Adapter	BUFFALO WLI-UC-G	300HP	•	
	Select the Setup Method				Click [Advanced Setu
	Automatic Secure Setup				
	Perform connection and	security configuration autor	natically.		
	Advanced Setup				
	Select a Network Name then connect manually. Otherwise connect with V	(SSID) or enter the SSID, VPS-PIN method.		j p	
	Option (Expert only)		Client Manager V. Ver.	.1.3.7 BUFFALO	
	Option (Expert only)		Client Manager V. Ver.	1.3.7 BUFFALO	

5

0	Treate profile		Click [Connect Manually].
	Select the connection method		
	Connect Manually		
	Select or Enter the Network Name (SSID). Enter the encryption information.		
	Connect with WPS-PIN		
	Acquire encryption information from an Access Point with WPS-PIN method	- B -	

Select a network			
Network Name (SSID)	Security		Channel Stre
001601F0003A	Er	able 96	1ch
Enter the Network Name (SSID) manual	llv		Coo

Select your access point, and click [Next].

Network Type	Infractructura Mode (Connect to Access Point)	
N <u>e</u> twork Name (SSID)	001601F0003A	
<u>S</u> ecurity Type	WPA-PSK	
Encryption Method	AES	
En <u>c</u> ryption Key or Passphrase	1234567890123	
	☑ Display entered characters	
Connect to a network w	hich does not broadcast the SSID.	
Warning: If you select	this option, this PC's privacy may be exposed to danger.	

Enter your [Encryption Key] (passphrase) and click [Connect].

Follow the instructions in the wizard to connect. When "*Connection Complete*" is displayed, setup is completed. If "*Set Network Location*" is displayed, then select "Home", "*Work*", or "*Public location*" depending on the environment in which the AirStation will be used.

Windows XP/2000 (Client Manager 3)

Client Manager 3 is a wireless connection utility for Windows XP/2000.

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



Select the access point that you are going to connect to and click [Next].

Connect	Help
	001601E12B3A
Encryption Method	WPA-PSK AES 8-63 char
Encryption Key	
1 12345678	90123
• 2	
• 3	
• 4	
	Register Profile

Follow the instructions on the screen to connect.

Choose your [Encryption Method] and enter an [Encryption Key]. Click [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 7 (WLAN AutoConfig)

With Windows 7, use WLAN AutoConfig to connect to the AirStation.





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 Connect to a Network X

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].



Select your wireless network and click [Connect].

If the screen below is displayed, click "I want to enter the network key or passphrase instead". (Otherwise, go to step 4)

🚱 😨 Connect to a network	- • •
Press the configuration button on your access point	
Press the configuration button on the access point before continuing.	
I can't find the configuration button. I want to enter the network key or passphrase instead	
Next	Cancel

🚱 🖞 Connect to a network	
Enter the PIN for BUFFALO INC. WHR-G300N on 001D73B991D4	
You can find this PIN displayed on the BUFFALO INC. WHR -G300N.	
PIN:	
Display characters	
I don't have the PIN.	
I want to enter the network key or passphrase instead	
Next	Cancel

4	🕒 🐨 😨 Connect to a network	Enter the encryption key and click [Connect].
	Type the network security key or passphrase for 001D73B991D4 The person who setup the network can give you the key or passphrase.	
	Security key or passphrase:	
	Display characters	
	If you have a <u>USB flash drive</u> with network settings for 001D73B991D4, insert it now.	
	Connect Cancel	

Follow the instructions displayed on the screen to finish 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 Windows Zero Config is disabled. Uninstall Client Manager 3 to use Windows Zero Config, 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].



Select a wireless network to connect to and click [Connect].

Enter the encryption key (passphrase) and click [Connect].

Follow the instructions on the screen to connect.

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: There are two versions of Client Manager with this unit, "V" and "3". Client Manager V supports Windows 7/Vista. Client Manager 3 supports Windows XP/2000.

Using Client Manager V for Windows 7/Vista

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].
- Right click on the icon of Client Manager in the system tray and click [Exit] to close Client Manager. The appearance of Client Manager 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.

BUFFALO Client Manager Client Manager V Ver 1.3.7	
BUFFALO WLI-UC-G300HP	
Profile 001601F0003A -	
Transmission Speed 300 Mbps	
Signal Strength Create Profile Advanced	

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 (page 33).
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".

9	2 Create profile		x
	Perform setup of wireless	s connection to the AirStation	
	Wireless Adapter	BUFFALO WLI-UC-G300HP	•
	Select the Setup Method		
	Automatic Secure Setup		
	Perform connection and secur	rity configuration automatically.	
	Advanced Setup		
	Select a Network Name (SSID) then connect manually. Otherwise connect with WPS-F	D) or enter the SSID,	
	Option (Expert only)	Client Manager V Ver.1.3.7 BUFFALL	7

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 (page 34).
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 enterring a WPS PIN.

0	Treate profile	
	Select the connection method	
	Connect Manually	
	Select or Enter the Network Name (SSID). Enter the encryption information.	
	Connect with WPS-PIN	
	Acquire encryption information from an Access Point with WPS-PIN method	

Parameter	Meaning
Connect Manually	Specify SSID of an access point and configure connection settings. Click here to display the Searching Wireless Access Points screen (page 35).
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.

G	🞦 Create profile						
	Select a network						
	Network Name (SSID)	Security			Channel	Stre	
	001601F0003A	8	Enable	ЯΡ	1ch	al	
						•	
	Enter the Network Name (SSID) manually					Search	
						<u>N</u> e	xt

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.

3	街 Create profile				
	Enter the information of th	e wireless network			
	Network <u>T</u> ype	Infrastructure Mode (Connect to Access Point)			
	N <u>e</u> twork Name (SSID)	[SSID]			
	<u>S</u> ecurity Type	Open 👻			
	Encryption Method	No Encryption			
	En <u>c</u> ryption Key or Passphrase	[Not enter]			
		☑ <u>D</u> isplay entered characters			
	Connect to a network which does not broadcast the SSID.				
	Warning: If you select this of	ption, this PC's privacy may be exposed to danger.			
		Connect			

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 WPS (PBC) or AOSS.



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

谢 Client Manager V				
Advanced	Status	\sim		2
M Status Display current wireless status	Adapter	BUFFALO WL	I-UC-G300HP Wireless	LAN Ad 👻
E Profile list				_
Configure the wireless	Profile Na	ime	001D7373AAC0-AOS	SS-G-AES
proxy and printer.	Status		Communicating	
	Network I	Mode	Infrastructure Mode	
🕘 🕺 <u>Network sharing</u>	Transmiss	sion Speed	300Mbps	
	SSID		001601E12B3A	
Confirm the network status	Channel		7 ch (11g 11b)	
	Security		Enabl	
	Authentic	ation Type	WPA-PSK	
	Encryptio	in Type	AES	
	Signal Str	rength	83%	
	IP Addres	s	192.168.11.2(DHCP)
	Subnet M	ask	255.255.255.0	
	Default G	ateway	192.168.11.1	
	Primary [ONS	192.168.11.1	
	Secondar	y DNS		
	MAC Addr	1955	00:1D:73:3B:26:20	

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 authenticaltion 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. This unit does not display 11a usage (does not support 5 GHz). 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.

Extended property of 00160:	F0003A	×
Wireless Network Brows	r Printers	
Connection	001601F0003A	
SSID	001601F0003A	
Security Type	WPA-PSK	
Encryption Type	AES	
	Edit Profile	
	СК	Cancel

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.
Edit Profile	Click this to edit the wireless settings.

Network Properties

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

Alleless Metwork	Browser	Printers					
💿 Do not cha	nge IP Ada	dress settin	gs of this	Profile	2.		
— Use the foll	owing set	tings					
Automat	ically acqu	uire the IP	Address((2)			
-O Use the	following	IP address(<u>(5)</u>				
IP Addres	5(<u>I</u>)						
Subnet Ma	isk(<u>U</u>)						
Default Ga	teway(D)						
Automat Automat	ically acqu	lire the DN	S Server J	Addres	s(<u>B</u>)		
Automat Use the f	ically acqu following (uire the DN: DNS Server	S Server ; Address(Addres E) —	s(<u>B</u>)		
O Automat Use the f Primary D	ically acqu iollowing (NS(<u>P</u>)	uire the DN: DNS Server	S Server J Address(Addres	s(<u>B</u>)		
Automat Use the f Primary D Secondary	ically acqu iollowing I NS(<u>P)</u> · DNS(<u>A</u>)	uire the DN: DNS Server	S Server ; Address(Addres E) —			
Automat Use the f Primary D Secondary	ically acqu following (NS(<u>P</u>) · DNS(<u>A</u>)	uire the DN: DNS Server	S Server /	Addres E)	s(<u>B</u>)	•	
	ically acqu iollowing I NS(<u>P</u>) · DNS(<u>A</u>)	uire the DN: DNS Server	S Server) Address(Addres	ж(<u>В</u>)	•	
Automat Use the f Primary D Secondary	ically acqu following I NS(<u>P</u>) • DNS(<u>A</u>)	uire the DN: DNS Server	S Server J Address(Addres (E)	s(<u>B</u>)	•	

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.

xtended pro	perty of 001601F0003A
Wireless N	etwork Browser Printers
⊚ Dono	ot change the browser settings of this profile.
⊚ Use t	he following setti
Home P	age
	In order to cerate two or more tabs of home page, please enter one address into one line. (\underline{R})
	http://go.microsoft.com/fwlink/?LinkId=69157
Proxy	Server
Us	e the Proxy Server(X)
Add	ress(E): Port(<u>T</u>): Advanced(<u>C</u>)
	to not use the proxy server for a local address(\underline{B})
	Cancel

Parameter

Meaning

Do not change the browser settings Select to keep the current Internet Explorer settings. of this Profile

Use the following settingsSelect 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.

tended p	property of	001601F0	0003A	Σ
Vireless	Network	Browser	Printers	
💿 Do	not chang	ge the pr	inter settings of this profile.	
- O Us	e the follo	wing sett	ings	
D	efault prin	ter for th	is profile. (P)	
_				
ľ	Microsoft >	(PS Docu	iment Writer 👻	
				-

Parameter

Meaning

Do not change the printer settings of Select to keep your current printer settings. this Profile

Use the following settings Select to use a different default printer while connected wirelessly.

Using Client Manager 3 with Windows XP / 2000

- 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] > [ClientManager 3].
- 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
- **?**Ť
- : 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.

AirStation	Current connection status.	E Profiles	0
			Help
	AAUU-AUSS-G		-
SSID:001601E1	2B3A	Authenticate	id 🎣
Adapter Name	WLI-UC-G300HP		
Network Type	Infrastructure Mode		
Transmission Speed	300 Mbps		
Channel	Channel 2		
Security	Enabled		
IP Address	192.168.11.86		
MAC Address	00:1D:73:92:0F:82		
Duration	00:09:29		
平 ^퀫 Signal Strength			
<u></u>			

Parameter	Meaning
Profile	Current connection profile name.
SSID	SSID of the currently connected access point.
Adapter Name	Name ame 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.

Connect
Connect Help 🕜
001601E12B3A Encryption Method WPA-PSK AES 8-63 char
Encryption Key
1 1234557890123
© 3
• 4
✓ Register Profile
Connect

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