



# Golden N Wireless Mini USB Adapter Model # AWLL6075 User's Manual

Rev. 1.2

# Table of Contents

1. Introduction	2
1.1 Package Contents	2
1.2 Features	2
2. Install the Wireless Adapter	3
3. Connect to the Wireless Network	8
4. Configure Wireless Monitor	15
4.1 General	15
4.2 Profile Settings	16
4.3 Available Network	18
4.4 Status	19
4.5 Statistics	20
4.6 Wi-Fi Protected Setup (WPS)	21
4.7 Configuring Wireless Security	26
4.8 Ad-hoc and Peer-to-Peer Wireless Networks	31
4.9 About	33
Appendix A - Specification	34
Technical Support	35

# 1. Introduction

Congratulations on your purchase of the Golden N Wireless Mini USB Adapter. The super compact mini design gives you more flexibility and its high bandwidth combined with extended wireless coverage delivers fast and reliable connection for all of your networking applications. The adaptor will yield a higher throughput is it is used with other Airlink101® Wireless N products.

A full range of security features such as WEP, WPA-PSK, and WPA2-PSK will provide you the highest level of wireless network security. The bundled wireless utility allows you to set up the adapter with an easy-to-use user interface. The Golden N Wireless Mini USB Adapter works with 802.11g and 802.11b network devices ensuring compatibility with your existing wireless products.

## 1.1 Package Contents

Before you begin the installation, please check the items of your package. The package should include the following items:

- Golden N Wireless Mini USB Adapter
- Quick Installation Guide
- Installation CD (Driver/Utility/Manual)

## 1.2 Features

- Higher data rate and broader coverage with Wireless N technology
- Built-in Easy Setup Button for easy connection to the existing wireless network
- WPA2, WPA, and WEP enhanced security to provide a full protection for your wireless connection
- Great for environments that need higher wireless data traffic
- Fully backward compatible with 802.11b/g
- Light-weight, super compact mini design
- RoHS compliant

# 2. Install the Wireless Adapter

This section provides instructions on how to install the Golden N Wireless Mini USB Adapter. The driver is installed along with the utility. For Windows 7, only driver will be installed.

For Macintosh users, you can find the software and installation instructions for MAC under the **MAC** folder on the provided CD.

**Step 2.1** Insert the USB adapter into an available USB port of the computer.

Step 2.2 Click Cancel to quit the wizard.

#### Windows 2000/XP Users:

Found New Hardware Wizard			
Found New Hardware Wiz	Welcome to the Found New Hardware Wizard         Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).         Read our privacy policy         Can Windows connect to Windows Update to search for software?         Yes, this time only         Yes, now and every time I connect a device         No, not this time		
	Click Next to continue.		

Windows Vista/7 Users:



**Step 2.3** Insert the Installation CD into your CD drive. When the autorun screen pops up, select **Install Utility and Driver** from the menu.

	Golden N Wireless Mini USB Adapter
Install Utility View User M View Quick Install Adob	and Driver anual Installation Guide e Reader
Browse Ex	it Model No.: AWLL6075

Windows 2000/XP Users: If the Autorun screen doesn't appear automatically, go to Start, Run, and type D:\Utility\Setup.exe (where D is the letter of your CD drive) and click OK.

**Windows Vista/7 Users:** When you get a warning message make sure you click **Allow** to give permission to continue with the installation of the driver software.

Step 2.4 The Airlink101 WLAN Monitor screen will popup. Click Next at the screen.



Step 2.5 Click Install to begin the installation.



**Step 2.6** Give Permission to Windows to install the driver software.

Windows Vista/7 Users: Click the Install this driver software anyway button.



#### Windows 2000/XP Users: Click Continue Anyway at the Windows Logo Screen.

Software	e Installation
♪	The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. ( <u>Tell me why</u> <u>this testing is important.</u> ) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

Hardware Installation			
<u>.</u>	The software you are installing for this hardware: Wireless N Mini USB Adapter has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.		
	<u>Continue Anyway</u> <u>STOP Installation</u>		

You will see the following screen when Windows is installing the driver for Airlink101 Wireless Adapter and the Airlink101 Wireless Monitor.



Step 2.7 Click Finish to complete the installation.



Step 2.8 Select Yes, I will restart my computer now. Click Finish to reboot the computer.



The driver and utility have been installed successfully. Please continue to the next chapter.

# 3. Connect to the Wireless Network

This section describes how to connect your wireless adapter to a wireless network.

#### For Windows 7 Users:

You will need to use the utility built in Windows 7 to manage this wireless USB adapter. Currently, Airlink101 Wireless Monitor does not support on Windows 7.

**Step 3.1** Click on the wireless icon in the system tray at the bottom right-hand corner of your screen. A list of available network will pop up. Select the one you want to connect to and click **Connect**.

Not connected	re available
Wireless Network Co	nnection 6
airlink101	2 Connect
trigger	4
Fossa	ali
SCA	el
Other Network	_st
Open Network	and Sharing Center
	3:05 PM

**Step 3.2** Enter the network security key if the wireless network you are attempting to connect to has wireless encryption enabled. Click **OK**. The connection should be now established.

🕼 Connect to a Network	×
Type the network security key	
Security key:	
Hide characters	
You can also connect by pushing the button on the router.	
OK	el

#### For Windows Vista/XP/2000 Users:

**Step 3.1** Open the Airlink101 Wireless Monitor utility by double clicking on the icon in the system tray at the bottom right-hand corner of your screen.

bout(A	0	
ieneral	Profile Available Network Status Statist	tics Wi-Fi Protect Setup
	Status: Not Associated	
	Status, Not Associated	
	Speed: N/A	
	Type: Infrastructure	
	Encryption: N/A	
	SSID:	
Si	gnal Strength:	
	Link Quality:	
Net	work Address	
heu	MAC Address: 00:E0:40	201404411
	IP Address: 0.0.0.0	
	Subnet Mask: 0.0.0.0	
	Gateway:	
	Renew IP	

#### Step 3.2

The Easy Setup Button (Wi-Fi Protected Setup) is a new and easy way to configure the encryption for your wireless network clients. In order to use it, you need to have a router that supports this feature.

Note: If your router doesn't support Easy Setup Button function (Wi-Fi Protected Setup), please go to **Step 3.3**.

1. Push the Easy Setup Button of the Adapter.



The 'Wi-Fi Protected Setup – PBC method' window will popup to acknowledge you the Adapter is starting to establish a connection.

Wi-Fi Pr	otected Setup - PBC method
	Wi-Fi Protected Setup - PBC method If there is more then one AP on the PBC mode, there will be [Session Overlap].Please using PIN method or wait for a while push the button again.
<b>C</b>	mplete :

2. Within the following 2 minutes, push the Easy Setup Button (WPS Button) on the back of the Router. The picture shows Airlink101 AR675W Wireless N Green Router.



3. The router will now start to synchronize the encryption settings with the wireless adapter. The connection will be established in few seconds. Continue to Step 3.5.

If the connection is not able to establish, continue to Step 3.3.

**Step 3.3** Click the **Available Network** tab of the Wireless Monitor, select the wireless network that you wish to connect to, and click **Add to Profile**.

vailable Netw k(s) Chan	ork Status S	atatistics Wi-Fi Protect Setup	
k(s) Chan			
Chan			
	Encryption	Network Authentication	Sig
1	WEP	Unknown	61
6	TKIP	WPA Pre-Shared Key	67
11	TKIP/AES	WPA Pre-Shared Key/WPA2 Pre-Shar	80
11	TKIP	WPA Pre-Shared Key	83
Refre	sh	Add to Profile	
Kelles	511	Add to Profile	
		ele ele	
. on item to	join/create p	rofile.	
n		Disable Adapter	
	1 6 11 11 11 Refree	Constant of the point of t	

If the network that you are attempting to connect does not have encryption enabled, you will receive a warning about connecting to an unsecured network. Click **OK** to complete the connection. Go to **Step 3.5**.

**Step 3.4** Enter the wireless security key into the **Network Key** and **Confirm Network Key** boxes. The wireless adapter will automatically detect the type of Network Authentication and the Data encryption, so it is recommended to keep these settings as they are. Click **OK** after you finished.

This is a computer-to access points are no	o-computer(ad hoc) network; wireless it used.
Profile Name:	Airlink
letwork Name(SSID):	Airlink
Channel:	11 (2462MHz) 🔻
Wireless network secu	urity
This network requires	a key for the following:
Netw	ork Authentication: WPA2-PSK 🗸
	Data encryption: AES
ASCII PAS	SPHRASE
Confirm network key:	

Please refer to the User's Manual on the provided CD for instructions on configuring the wireless network security settings.

**Step 3.5** The connection should be now established. Under the utility Airlink101 Wireless Monitor, go to General tab to check the status of the connection. Verify that **IP Address**, **Subnet Mask** and **Gateway** have valid numbers assigned to them (instead of all 0's). The Status should be Associated, and there should be green bars next to Signal Strength and Link Quality.

A AirLink101 Wireless Monitor	
About(A)	
General Profile Available Network Status Statistics Wi-Fi Protect Setup	
Status: Associated Speed: Tx:150 Mbps Rx:300 Type: Infrastructure Encryption: AES SSID: Airlink Signal Strength: Link Quality: MAC Address: 00-E0-4C-01-04-11 IP Address: 192.168.1.102 Subnet Mask: 255.255.255.0 Gateway: 192.168.1.1	
Show Tray Icon     Disable Adapter     Radio Off	laura l
Ready	NUM

#### Congratulations! You have now connected to the wireless network successfully.

## Troubleshooting

1. If you cannot open the wireless monitor utility, make sure that the USB adapter is inserted firmly into the USB port.

2. If you cannot connect to the wireless router, you may want to double check the wireless security settings on the router. The network key you entered in Step 3.4 must match with the settings on the wireless router.

3. If you are experiencing problems with the connection such as low signal strength, slow connection speed, or unstable wireless connection, you can try to tune your router's signal by changing the channels on the router and/or by adjusting the direction of the antenna(s). You do not need to change the channel on the Adapter; it will automatically pick up the new channel after you reboot the router. Your router has 11 different channels to choose from. Keep going through the channels until you find one that gives you a stable connection. For instructions on changing channels, refer to the documentation that comes with the router.

# 4. Configure Wireless Monitor

This section describes the various functions of the Airlink101 Wireless Monitor that you can configure, including the settings of wireless encryption.

## 4.1 General

The **General** tab provides you with the status of the current connection, including signal, network name (SSID) and IP Address.

Ar AirLink101 Wireless Monitor	
General Profile Available Network Status Statistics	Wi-Ei Protect Satur
Concrete Profile Available Network Status Statistics	With Flored Selup
Status: Associated	
Speed: Tx:150 Mbps Rx:300	
Type: Infrastructure	
Encryption: AES	
SSID: Airlink	
Signal Strength:	
	84%
Link Quality:	100%
Network Address:	
MAC Address: 00:E0:4C:01:	04:11
IP Address: 192.168.1.10	12
Subnet Mask: 255.255.255	.0
G9C6M9A: 1951100111	
ReNew IP	
Show Tray Icon	Disable Adapter
Radio Off	
.eady	NUM

At the bottom you have options for controlling the utility and adapter.

Show Tray Icon allows you to show or hide the tray icon for the utility.

Radio Off disables the wireless function of the adapter.

Disable Adapter will completely disable the wireless adapter.

## 4.2 Profile Settings

The **Profile** tab lists the current profiles and allows you to create new profiles.

eral Profile Available Network	Status	Statistics	Wi-Fi Protect Setun	1
	Status	010110100	With the coup	
vailable Profile(s)				
Profile Name		SSID		Add
P Airlink		Airlink	Remove	
			[	Edit
				Duplicate
			[	Set Default
<u>د</u> ا			•	
Show Tray Icon			Disable Adap	ter
Radio Off			18800 NS	
				NILINA

The **Available Profile(s)** box lists all the profiles that you've created for your network. Profiles are automatically created and added to this list when you connect to new networks. You can also manually add the profiles.

To modify an existing profile, select the profile from the **Available Profile(s)** box and click on **Edit**.

To create a new profile, click on Add.

The **Profile** box will appear allowing you to specify the settings for your new profile or to change settings for your existing profile.

AirLink101 W	Vireless Monitor	
About(A) General Profile	Wireless Network Properties:	<b></b>
Available Pro	This is a computer-to-computer(ad hoc) network; wireless access points are not used.	
Profile Na <b>Profile Na</b>	Profile Name: Network Name(SSID):	nove
	Channel: 1 (2412MHz) + Wireless network security This network requires a key for the following:	dit
	Network Authentication: Open System   Data encryption: Disabled  ASCII PASSPHRASE	licate Default
•	Key index (advanced): 1 + Network key:	
	Confirm network key:	
Show Tra	OK Cancel	
Radio Off		NUNA
incody		19401

Enter a **Profile Name** and **SSID**. Enter the encryption settings for the profile. Click **OK** to save the changes.

The Configuring Encryption section (section 4.7) will give you the information of how to set the different options of the wireless network encryption settings.

# 4.3 Available Network

The Available network tab lists all of the networks that the adapter detects in your area.

Clicking **Refresh** will refresh the list. To connect to a network, select a network from the list and click **Add to Profile**.

eneral Profile Available	e Network Status	s Statistics \	Wi-Fi Protect Setup	
Available Network(s)				
SSID	Channel	Encryption	Network Authentication	Signal
👗 trigger	1	WEP	Unknown	59%
1	6	TKIP	WPA Pre-Shared Key	71%
1	6	None	Unknown	50%
🗼 default	6	None	Unknown	57%
👗 default	6	None	Unknown	57%
<b>R</b> Airlink	11	AES	WPA2 Pre-Shared Key	82%
👗 doobiedoo	11	TKIP	WPA Pre-Shared Key	90%
	Pofroch		Add to Brofile	
	Refresh		Add to Profile	
Noto				
Note	om to join/croz	te profile.		
Double click on it	em co join/crea	ereste record		
Double click on it	en co join/crea			
Double click on it	en to jon/crea			
Double click on it	en to join crea			
Double click on it	en to jon viea			
Double click on it			Disable Adapter	
Double click on it Show Tray Icon Radio Off	en to jon viea		Disable Adapter	

# 4.4 Status

The status section provides you with a list of information about the current status of the adapter.

A AirLink101 Wireless Monitor				
About(A)				
General Profile Available Network	Status	Statistics	Wi-Fi Protect Setup	
General Profile Available Network Manufacturer NDIS Driver Version Short Radio Header Encryption Authenticate Channel Set MAC Address Data Rate (AUTO) Bandwidth Channel (Frequency) Status SSID Network Type Power Save Mode Associated AP MAC	Airlin 6.13 No AES WP, FCC 00:1 Tx:: 40 I 11 ( Asso Airlin Infra Non 00:5	Statistics hk101 350.911.2 A2-PSK E0:4C:01: 150 Mbps MHz (2462 MH ociated hk astructure re 90:4B:30:	Wi-Fi Protect Setup 008 04:11 Rx:300 Mbps z) 00:06	
Up Time (hh:mm:ss)	1:50	5:47	Disable Adapter	NUM

# 4.5 Statistics

The Statistics section gives you information about transmit and receive packet count.

out(A)	
eneral Profile Available Network Status Statistics W	/i-Fi Protect Setup
Counter Name	Value
Tx OK	843
Tx Error	2
Rx OK	14903
Rx Packet Count	14903
Rx Retry	7
Rx ICV Error	3
	Reset
Show Tray Icon	Disable Adapter
3 Radio Off	
у	NUM

# 4.6 Wi-Fi Protected Setup (WPS)

The Wi-Fi Protected Setup<sup>™</sup> (**WPS**) is a new and easy way to configure the encryption for your wireless network clients. In order to use it, you need to have a router that supports this feature, like the AR670W or AR675W Airlink101 Wireless N Router. You also need to configure the wireless encryption on the router; you should find the instructions for configuring it in the router User Manual. If your wireless router does not support WPS, you will need to set up the wireless security manually and you can skip this section.

We are using the AWLL6075 Golden N Wireless Mini USB Adapter and the AR675W Airlink101 Wireless N Green Router to illustrate the following setup instructions.

Step 4.6.1 Open the Airlink101 Wireless Monitor. Click the Wi-Fi Protect Setup tab.

A AirLink101 Wireless Monitor	X
About(A)	
General Profile Available Network Status Statistics Wi-Fi Protect Setup	
Wi-Fi Protected Setup (WPS) An easy and secure setup solution for Wi-Fi network Pin Input Config (PIN) After pushing the PIN button.Please enter the PIN code into your AP.	
PIN Code : 25/9/992	
Pin Input Config (PIN)	
Push Button After pushing the PBC button.Please push the physical button on your AP or visual button on the WPS config page. Push Button Config (PBC)	
Show Tray Icon     Disable Adapter     Radio Off	

Choose your configuration method:

- For **Push Button method,** click Push Button Config (PBC) tab, continue to Step 4.6.2a
- For **Pin Input Config** method, click Pin Input Config (PIN) tab., continue to Step 4.6.3a

**Step 4.6.2a** If you choose the Push Button method; click the **Push Button Config (PBC)** tab.

Vi-Fi F	Protected Setup - PBC method
	Wi-Fi Protected Setup - PBC method If there is more then one AP on the PBC mode, there will be [Session Overlap]. Please using PIN method or wait for a while push the button again.
	Status : Initial WPS
(	Complete :
	Push Button Config (PBC)

**Step 4.6.2b** Push the Easy Setup Button (WPS button) on the router, and it will now start the handshake with wireless adapter. The connection will be built up in couple minutes.



Step 4.6.3a If you choose the Pin Code method, write down the PIN and click Yes.



Select the Access Point that you want to connect, and then click Select.

ieneral Profile	Available Network Status	Statistics Wi-Fi Protect Setup	
Wi-F	Wi-Fi Protected Setup - Se		
An ea Pin In	WPS AP Name	WPS AP MAC	
AP.	Arlink	00:90:48:30:00:06	
	default	00:1D:6A:D2:D5:5B	
	default	00:1D:6A:CD:91:05	
Push			
You			
_		-	77 I I I I I I I I I I I I I I I I I I
		Refresh	
_	Select	Cancel	



**Step 4.6.3b** Log on to your router's configuration page from the web browser and click on **Wireless**. Then click **WPS**.

**Step 4.6.3c** Make sure that the Disable WPS is not checked. Enter the Pin Code in the **Client Pin Number** box and click **Start PIN**.

	Log Out Wireless N Router Setup
AR675W Setup Wizard Network Wireless Basic Settings Wireless Security MAC Control Advanced Settings Wireless Schedule WPS Application & Gaming Access Restriction Security Administration Status	Wi-Fi Protected Setup   This page allows you to change the setting for WPS (Wi-Fi Protected Setup). Using this feature could let your wireless client automically syncronize its setting and connect to the Router in a minute without any hassle.   Disable WPS   WPS Status:   Configured   UnConfigured   Resetto UnConfigured   Setf.PIN Number:   Statt PBC   Apply Changes   Reset   Client PIN Number:   Statt PIN

After a few moments both the router configuration screen and the adapter configuration screen should show a message telling you that a connection is established.

*Note:* If you cannot connect successfully with WPS, you need to log in to your router's configuration and click on **Wireless**. Then click **Wireless security**. Make sure that the Disable WPS box is NOT checked, refer to Step 4.6.3b.

# 4.7 Configuring Wireless Security

This section describes the different types of encryption available and how to configure them. In most cases, **encryption will be automatically configured and all you need is to enter the Network key**, as described in Section 3, Step3.2. If you are creating a custom profile, you need manually configure the encryption settings.

IOUC(IVI	) ADD						
ieneral	Profile	Available Network	Status	Statistics	Wi-Fi Protect	Setup	
Availat	ole Profi	e(s)					
Pro	ofile Nan	ne		SSID			Add
🕆 Airlink		Airlink			Remove		
							Edit
							Duplicate
							Set Default
•		III	]		•		
	uu Tesu	Icon			Disphia	Adaptor	
v 3110	in they	ICON			Disable	Auaptei	

Open the Wireless Monitor utility, click Profile tab and then click Add.

The different options of wireless network encryption settings are:

**Disable:** No encryption in use

**WEP:** The most popular but least secure form of encryption **WPA/WPA2-PSK:** The most secure and recommended level of encryption

- access points are not used.	
Profile Name:	
Network Name(SSID):	
Channel: 1 (2412	MHz) =
Wireless network security	
This network requires a key for	the following:
Network Authe	ntication: Open System
Data er	Copen System Shared Key WPA-PSK WPA2-PSK WPA 802.1X WPA2 802.1X WEP 802.1x
Key index (advanced): 1	
Confirm network key:	

#### 4.7.1 Configuring WEP encryption

access points are no	o-computer(ad hoc) network; wireless ot used.
	1
Profile Name:	
Network Name(SSID):	
Channel:	1 (2412MHz) =
Wireless network sec	urity
This network requires	s a key for the following:
Netw	vork Authentication
	open system
	Data encryption WEP
5. C	
Key index (advanced)	): 1 🔻
Key index (advanced)	): 1 🔹
Key index (advanced) Network key:	): 1
Key index (advanced) Network key:	): 1 -
Key index (advanced) Network key: Confirm network key:	): 1
Key index (advanced) Network key: Confirm network key:	): 1

Select **WEP** from the **Data encryption** box.

Under **Network Authentication**, you will want to select **Shared key** or **Open System**, depending on the router settings.

Select the encryption setting according to the setting of the router.

• **ASCII** or **PASSPHRASE** will also be predetermined by the router. Refer to your routers settings to find out what you should select here.

or

• **Key Index** is the key on the router that is currently in use. Input the Network key that matches the Network key of the router.

Click **OK** to save your settings.

#### 4.7.2 Configuring WPA/WPA2-PSK Encryption (for home users)

This is a comp	uter-to-comput	ter(ad hoc) netv	ork; wireless
- access points	are not used.		
Profile N	lame:		
Network Name(S	SID):		
Char	nnel: 1 (241)	2MHz) 🔻	
Wireless netwo	rk security		
This network re	quires a key fo	r the following:	3
	Network Auth	entication: WP/	12-PSK 🔻
	Data e	encryption: AES	-
ASCII	_PASSPERASI	AES	
Key index (adv:	anced): [+ _	3	
Network key:	inccuj.		
Confirm networ	k key:		
1			

Select WPA-PSK/WPA2-PSK from the Network Authentication box.

Under **Data encryption** select either **AES** or **TKIP** depending on the settings for your router.

Enter the encryption key that the router is using into the **Network Key** box.

Click **OK** to save your settings.

#### 4.7.3 Configuring WPA/WPA2 Encryption (for corporate networks)

This is a computer-to- access points are not	computer (ad hoc) used.	network; wireless
Profile Name:	-	
Network Name(SSID):		
Channel:	1 (2412MHz) 🔻	
Wireless network secur	ity	
This network requires a	key for the follow	ving:
Netwo	rk Authentication	WPA 802.1X 🗸
	Data encryption:	AES
ASCII PASS	PHRASE	TKIP AES
Key index (advanced): Network key:	1 -	
Confirm network key:		

Select WPA 802.1x / WPA2 802.1x from the Network Authentication box.

Under **Data encryption** select either **TKIP** or **AES** depending on the settings for the router.

## 4.8 Ad-hoc and Peer-to-Peer Wireless Networks

Ad-hoc networking is used when you want to connect two or more computers together but you don't have a router.

In ad-hoc mode, you lose many features that come with a router. The maximum connection speed drops to 11Mbps. In addition, WEP encryption is the only security available in ad-hoc mode.

To set up ad-hoc mode, you will need to create a new profile.

#### Open the Wireless Monitor.

Click on **Profile** and click on **Add**. The profile settings box will appear.

Channel: 1 (2412MHz)  Wireless network security This network requires a key for the following: Network Authentication: Open System Data encryption: Disabled  ASCII PASSPHRASE Key index (advanced): 1	Network I	Name(SSID):			
Wireless network security This network requires a key for the following: Network Authentication: Open System Data encryption: Disabled  ASCII PASSPHRASE Key index (advanced): 1 =		Channel:	1 (2412MHz) 🔻	1	
This network requires a key for the following: Network Authentication: Open System  Data encryption: Disabled  ASCII PASSPHRASE  Key index (advanced): 1 =	Wireless	network sec	urity	*	
Network Authentication: Open System  Data encryption: Disabled  ASCII PASSPHRASE  Key index (advanced): 1 =	This net	work requires	a key for the follow	ing:	
Data encryption: Disabled  ASCII PASSPHRASE Key index (advanced): 1 -		Netw	ork Authentication:	Open System	-
ASCII PASSPHRASE			Data encryption:	Disabled	•
Key index (advanced):		II 🗌 PAS	SPHRASE		
Network key:	Key inde Network	x (advanced) key:	: 1 -		

First change the network type to **Adhoc**, by checking the computer-to-computer (ad-hoc) network.

Enter a network name (SSID) into the **SSID** box. Select your desired Channel.

You can also choose between no security or WEP security. If you choose WEP security, you can follow the instructions in the **Configuring Encryption** section of the manual.

Click **OK** to save the profile.

eneral	Profile	Available Network	Status	Statistics	Wi-Fi Prote	ct Setup	
Availab	le Profi	le(s)					
Pro	file Nar	ne		SSID			Add
1/	Airlink Ad-Hoc	100		Airlink Ad-Hoc1	00		Remove
							Edit
							Duplicate
							Set Default
•		III	]		+		
Shov	v Tray	Icon			📄 Disab	le Adapte	r
radio							NUM

Select your new profile from the Available Profile(s) box, and double click to enable it.

You need to configure all other computers that you are planning on connecting to your ad-hoc network with the same settings that you input on this screen. Every computer has to be set up exactly the same. If any of the settings are different, the network will not function.

**Troubleshooting:** If you are having trouble connecting, slow connection, or connection is unstable, you will want to try changing channels. Start with channel 1 and work your way up until you find a channel that gives you the best connection. Each time you change the channel, save the settings then reboot the computer. Also,

make sure that you do this on every ad-hoc machine so that they will all be set to the same channel.

## 4.9 About



The **About** window provides the information about the Wireless Monitor Utility version and the current driver version.

# **Appendix A - Specification**

#### **Frequency Band**

• 2.4Ghz

#### Standards

• IEEE 802.11b/g/n

#### Interface

• USB 2.0 / 1.1

#### Data Rate\*

- Receiving: 300Mbps
- Transmitting: 150Mbps

#### Antenna Type

• Built-in 2 print antennas

#### Security

- WPA2/WPA-PSK (TKIP & AES)
- WEP 64/128-bit
- 802.1x

#### LED

• Link/Power

#### **System Requirements**

- Windows 7, Vista, XP and 2000
- MAC 10.4 and above
- Available USB slot

#### Weight

• 1g

#### Dimensions

• 35.5 x 16 x 8mm (L x W x H)

#### Temperature

- Operating: 0°C to 55°C
- Storage: -20°C to 60°C

#### Humidity

- Operating: 10% to 90% Non-Condensing
- Storage: Max. 95% Non-Condensing

#### Warranty

• Limited 1-year warranty

#### **Safety Approvals**

• FCC, CE, IC

# **Technical Support**

E-mail: support@airlink101.com

Toll Free: 1-888-746-3238

Web Site: www.airlink101.com

<sup>\*</sup>Theoretical maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, mix of wireless products used, radio frequency interference (e.g., cordless telephones and microwaves) as well as network overhead lower actual data throughput rate. This product is based on IEEE draft 802.11n specification and is not guaranteed to be compatible with future versions of IEEE 802.11n specification. Compatibility with draft 802.11n devices from other manufactures is not guaranteed. Specifications are subject to change without notice. Photo of product may not reflect actual content. All products and trademarks are the property of their respective owners. Copyright ©2010 Airlink101®