

# Multifunctional Wireless Storage Router WL-700gE User Manual

(For 802.11g and 802.11b wireless network)



# E2393

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# About this guide

This user manual contains the information you need when using the product, its chapters are as the following:

Chapter 1: Product introduction

This chapter guides you to explore the excellent features of WL-700gE that endowed by ASUS.

Chapter 2: Connecting ADSL modem & installing the utilities

This chapter tells how to connect ADSL modem and to install the software.

### · Chapter 3: Configuring the wireless router

This chapter tells how to configure the wireless router.

Chapter 4: Wireless router features

This chapter tells how to use the special features of WL-700gE.

#### Chapter 5: Utility features

This chapter tells how to use the software available along with the WL-700gE.

Chapter 6: Utility features

Conventions used in this guide



**Caution:** Information to prevent damage to the components when trying to complete a task.



Note: Tips and additional information to help you complete a task.

#### Where to find more information

Refer to the following sources for additional information and for product and software updates.

#### 1. ASUS websites

The ASUS website provides updated information on ASUS hardware and software products. Refer to the ASUS contact information.

#### 2. Optional documentation

Your product package may include optional documentation, such as warranty flyers, that may have been added by your dealer. These documents are not part of the standard package.



**Note:** Information about the procedures of using the product and its utilities may not be exactly in accordance with your product. This manual is only for your reference. Please contact technical support for professional help.

# 1. Product introduction

## 1) System requirement

You will need the following items to set up a wireless network environment using WL-700gE:

1. An ADSL/Cable modern and an account for broadband service

2. A computer with a 10-Base-T or 10/100Base-TX Ethernet adapter (with a RJ-45 LAN port) pre-installed for connecting the LAN

3. A wireless client (such as a PDA or laptop computer) that has build-in 802.11g/b wireless connection, or has a 802.11g/b wireless LAN card

4. The computer and the wireless client must have installed TCP/IP protocol component and a Web browse

## 2) Package contents

- WL-700gE wireless router x 1
- White 2dbi antenna x 1
- Power cable x 1
- RJ-45 Ethernet cable (straight-through) x 1
- Utility CD (with User Manual) x 1
- Foot stand x 1
- User Manual x 1

## 3) Rear panel



## RESET

Push the RESET button for 10 seconds to restore the factory default.

## **EZSetup**

This button is for using EZSetup setting wizard.

# 4) Front panel



## PWR (Hard disk power indicator/ power switch)

OFF Hard disk unmounted or no power ON Hard disk mounted \*Push this button and wait for 10 seconds to shut down the hard disk.

## COPY

This button is for copying the data in your USB storage to the hard disk of WL-700gE.

## READY

OFF	No power
ON	The system is powered on and in ready state
Flashing slowly	USB storage inserted to the USB2.0 port
Flashing quickly	Copying data from USB storage

## LAN (Local Area Network) 1-4

OFF	No power
ON	An Ethernet device is connected to the port
Flashing	Transmitting data via wired LAN

## AIR (Wireless LAN)

OFF	No power
ON	Wireless LAN ready
Flashing	Transmitting data via wireless LAN

## WAN (Wide Area Network)

OFF	No power
ON	Connected to ADSL or Cable modem
Flashing	Communicating with WAN

## **USB2.0**

For connecting USB storage, such as USB hard disk and USB flash.

# 2. Connecting ADSL modem and installing the utilities

## 1) Installing the utilities

1. Connect your WL-700gE wireless router to your ADSL or Cable modem. Refer to the illustration below to wire your network devices.



 Insert the support CD into the optical drive of your computer to run the utility installation program. Select your language and click Install ASUS Wireless Router Utilities to install. Follow the instructions to complete the utility installation.



3. On the Welcome window, click **Next** to start the installation.



4. Select the installation type, then click **Next**. (For non-advanced users, we suggest using "Complete" installation.



 Click "Next" on the Choose Destination Location screen to continue installation, or click "Browse" to choose another destination location for the software that will be installed in your computer.



 Select a folder among the folder list in the text box on the screen, or type a new folder name in the text bar, then click "Next".
 Setup will add program icons to the folder your chose or created.



7. The program is being copied into your computer. This may takes several minutes to complete.



8. Click Finish to complete the installation process.



(10)

## 2) Setting up the wireless router using EZSetup

Before start, prepare an Ethernet and wireless enabled computer with ASUS utility pre-installed.

1. Press the EZSetup button on the rear panel of the wireless router until the READY LED indicator is flashing.



If you use wireless connection for EZSetup and find the connection is not stable, use wired connection instead EZSetup.

 Launch the EZSetup utility by clicking Start -> ASUS Utility -> WL-700gE Wireless Router -> EZSetup Wizard.



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**Note:** The screens show in the manual may not be the exactly the same with the screens of your computer. The screens in this manual are only for your reference.

3. Click the **EZSetup** button in the utility to search for WL-700gE Wireless Router. This action takes several seconds.



4. A window prompts out asking for the encryption mode you want to use. If you want to use WPA, select **Yes**; to use WEP, select **No**.

 If it is the first time you set up the wireless router, the screen below appears. You can manually setup the SSID and network key for the wireless router or accept the automatically generated values. Click Next to continue.

/islis		
Hardware Setup Wireless LN Connection Setting Internet Connection Setting Network Disk Setting	Wireless LAN Connection Setting           SSID and network key are currently set as follows. You can modify them manually.           Network name (SSID)           WL700gE_b4Df           bcltTBMJG	
	Next         X         Cancel	

If you have configured the wireless router before, the screen below appears. You can choose to modify the SSID and network key or preserve the previous settings. Click **Next** to continue.

<i>15</i> 45	EZSetup Wizard
Hardware Setup	Wireless LAN Connection Setting           SSID and network key are currently set as follows. You can modify them manually.           © Configure wireless router with new settings.
Internet Connection Setting Network Disk Setting Finish	Network name (SSID):     WL700gE_b4D1       Network key:     bcltTBMJG       C Preserve original wireless router settings.
	(

(13)

6. To connect your Internet Service Provider (ISP), select **Config ISP settings**. Click **Next** to set up ISP information.

	EZSetup Wizard
Hardware Setup Hardware Setung Wireless LAN Connection Setting Setting Network Disk Setting Finish	Internet Connection Setting If you need to connect to Internet Service Provider (ISP), select *Configure ISP settings Configure ISP settings Press *Next* to continue.
	Next Dack

7. Select the connection type of your ISP service and click **Next** to fill in the ISP information.





According to the requirements of ISPs, you may need to input information such as IP address, username, and password. Refer to your ISP for detailed setup information.  This page is for setting up network mass storage. Specify a drive letter for the hard disk in WL-700gE and check Create shortcut on desktop, then click Next.

	· X
	EZSetup Wizard
Hardwarn Selup Wireless LAN Connection Setting Internet Connection Setting Network Disk Setting	Map Network Drive       Hyou wint to connect to network drive, select "Map Network Drive"       Assign a drive letter and you will be able to access network drive through My Computer.       If Map Network Drive       Option       Please specify the driver letter.       Drive:       If Create a Shortcut on the desktop.
E IStatuj Witeré	
/5US	e EZSetup Wizard
Hardware Setup	Internet Connection Setup Finish Congratulationsl You have set wireless router successfully
Network Disk Setting	Security-enabled wireless LAN environment is built now. You can print or save the wireless LAN settings for satekeeping. Print/Save Wireless LAN Settings
	Emiah

9. Wait for several seconds to complete the setup. Click **Print/Save wireless** LAN settings for future reference. Click **Finish** to quit EZSetup.



Save and print network information is highly recommended for future wireless connection setup.

When configuration is complete, a **700gE share** folder icon appears on desktop.



You can connect to WL-700gE from a wireless-enabled computer. Make sure the wireless card driver is correctly installed and the card functions normally.

 Click Control panel -> Network connection, right-click the wireless icon -> Property -> Wireless Network tab. Select WL-700gE and click Connect button.

🕂 Wireless Network Connection Properties 🛛 🔹 🔀
General Wireless Networks Advanced
Use Windows to configure my wireless network settings
Available networks:
To connect to, disconnect from, or find out more information about wireless networks in range, click the button below.
View Wireless Networks
Preferred networks: Automatically connect to available networks in the order listed below:
WL700gE (Automatic)         Move up           X         WL500gP (Automatic)           Move down         Move down
Add Remove Properties
Learn about setting up wireless network Advanced
OK Cancel

 If you have setup WEP encryption for your wireless router, you need to fill the WEP keys into the Network Key field for connecting the router. Click OK to continue.

WL700gE p	roperties		? 🔀
Association	Authentication	Connection	
Network na	ame (SSID):	WL700gE	
Wireless	network key		
This netv	vork requires a ke	ey for the following:	
Network	Authentication:	Shared	~
Data end	cryption:	WEP	~
Network	key:	•••••	
Confirm n	ietwork key:	•••••	
Key index	x (advanced): .ey is provided for	1 C	
This is a access	a computer-to-con points are not us	nputer (ad hoc) network; wirele ed	88
		OK	Cancel

3. For authentication setup, select Authentication tab. If you have a RADIUS server in your network for authentication, check Enable IEEE80.211X authentication to this network.

WL700gE properties
Association Authentication Connection
Select this option to provide authenticated network access for wireless Ethernet networks.
Enable IEEE 802.1x authentication for this network
EAP type: Smart Card or other Certificate
Properties
Authenticate as computer when computer information is available
Authenticate as guest when user or computer information is unavailable
OK Cancel

# 3. Configuring the wireless router

Note: 1) Before you start, we recommend using a wired connection for initial configuration, which will avoid possible setup problem due to wireless uncertainty. 2) ASUS also provides an EZSetup button for fast wireless configuration.

The ASUS Wireless Router can be configured to meet various usage scenarios. Some of the factory default settings may suit your usage; however, others may need changing. Prior to using the ASUS Wireless Router, you must check the basic settings to guarantee it will work in your environment. Configuring the ASUS Wireless Router is done through a web browser. You need a Notebook PC or desktop PC connected to the ASUS Wireless Router (either directly or through a hub) and running a web browser as a configuration terminal. The connection can be wired or wireless. For the wireless connection, you need an IEEE 802.11g/b compatible device, e.g. ASUS WLAN Card, installed in your Notebook PC. You should also disable WEP and set the SSID to "default" for your wireless LAN device. If you want to configure the ASUS Wireless Router, TCP/IP setting should be on the IP subnet of the ASUS Wireless Router.

Note: Before rebooting your computer, the ASUS Wireless Router should be switched ON and in ready state.

# 1) Wired connection

One RJ-45 cable is supplied with the ASUS Wireless Router. Plug one end of the cable into the WAN port on the rear of the ASUS Wireless Router and the other end into the Ethernet port of your ADSL or Cable modem.

# 2) Wireless connection

#### Note: If configuration is done via wired connection, ignore this.

C Refer to your wireless adapter user's manual on associating with the ASUS Wireless Router. The default SSID of

the ASUS Wireless Router is "default" (lower case), encryption is disabled and open system authentication is used.

# 3) Setting IP address for wired or wireless connection

#### Getting IP address automatically

The ASUS Wireless Router incorporates a DHCP server so the easiest method is to set your PC to get its IP address automatically and reboot your computer. So the correct IP address, gateway, DNS (Domain Name System Server) can be obtained from the ASUS Wireless Router.

neral Alternate Configura	tion
ou can get IP settings assi is capability. Otherwise, yo e appropriate IP settings.	gned automatically if your network supports u need to ask your network administrator for
Obtain an IP address a	utomatically
OUse the following IP ac	Idress:
IP address:	
Subnet mask:	
Default gateway:	
<ul> <li>Obtain DNS server add</li> </ul>	dress automatically
Use the following DNS	server addresses:
Preferred DNS server:	
Alternate DNS server.	
	Advanced.

Note: Before rebooting your PC, the ASUS Wireless Router should be switched ON and in ready state.

#### Setting IP address manually

If you want to set your IP address manually, the following default settings of the ASUS Wireless Router should be known:

- IP address 192.168.1.1
- Subnet Mask 255.255.255.0.

If you set your computer's IP manually, it needs to be on the same segment. For example:

- IP address 192.168.1.xxx (xxx can be any number between 2 and 254 that is not used by another device)
- Subnet Mask 255.255.255.0 (same as the ASUS Wireless Router)
- · Gateway 192.168.1.1 (this is the ASUS Wireless Router)
- · DNS 192.168.1.1 (ASUS Wireless Router IP address or your own).

## 4) Configuring the wireless router









**Defaults** 

User name: admin

Password: admin



After logging in, you will see the ASUS Wireless Router home page.

The homepage displays quick links to configure the main features of the router.

Select [Configuration] from the main manual.

The screen displays the configuration screen. Follow the instruction below to configure.

Select your time zone or the closest

region. Click Next to continue.



Now you are to set up your wireless interface. First, give an SSID (Service Set Identifier), which is a unique identifier attached to packets sent over WLANs. This identifier emulates a password when a wireless device attempts communication on the WLAN. Because an SSID distinguishes WLANs from each other, access points and wireless devices trying to connect to a WLAN must use the same SSID.

If you want to protect transmitted data, select a middle or high Security Level.

Medium : only users with the same WEP key are to connect to this access point and to transmit data using 64bits or 128bits WEP key encryption.

**High:** only users with the same WPA pre-shared key are to connect to this access point and to transmit data using TKIP encryption.

The ASUS wireless router configuration page features a convenient approach to setup the WEP Keys: with only a few taps on your keyboard to define the Passphrase, the system will automatically generate four strings of WEP Keys. For ASUS wireless adaptor users, it is no longer necessary to input long and complicated WEP Keys when connecting the router with the wireless client; the Passphrase provides an easy way for setting up your wireless environment!

For example, if we input select WEP-64bits encryption mode, input 11111 as Passphrase, then the following WEP Keys are generated as shown in the right picture. Record the Passphrase and the WEP keys on your notebook, then click Next.



ASUS wireless router WL700gE supports five types of ISP services— cable, ADSL (PPPoE, PPTP, static IP address), and Telstra BigPond. Since each service has its own protocols and standards, therefore, during the setup process, there are different identity settings demanded by WL-700gE. Select the correct connection type.

#### Cable user

If you are receiving services from cable or other ISP assigning IP addresses automatically, please select **Cable Modem or other connection that gets IP automatically**. If you are using cable services, your ISP may have provided you with hostname, MAC address, and DNS server. Please fill these information into the boxes on the setting pages, then click **Next**. On the follow page click Finish.



#### **PPPoE user**

If you are PPPoE service user, please select the second line. You would be required to input the username and password provided by your ISP.



#### **PPTP user**

If you are using PPTP services, you would be asked to input the username, password, as well as IP address provided by your ISP.

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			C) a cons	Provided you account with devices in the next periods account on present the source of	
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#### Static IP user

If you are using ADSL or other connection type that uses static IP addresses, please select the fourth line, then input the IP address, subnet mask, and default gateway provided by your ISP. You could choose to specify certain DNS servers, or select to get DNS automatically.

3 W1 201gf : A derivier wie	a - Back - Microsoft Internet Capiters		W.P.Od. Mercent when	- Bale - Bened Internet Lighter	a 48
Q tat + () · 💽	2 6 Past groom @ 3. 3 3 3		Q no - () - 🖻 🛛	😸 🖉 Paus 👷 marse 🕑 🖉 - 🖏 🐨 🚳	
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tytten betap	Select Internet Connection Type		E felen fela	WAN IP Setting	
🖬 Mexicos 📄 IP Contig	VL200gE supports several kields of connection to internet through its VUAV.port. Peese select connection type you need to indication, before gatting contrainer, please make saw you have connection/MAX port sits your DBL or Cable Notiem.		C P Cartig	Ris TCPAP setting for VM_201gE to connectio itsense through VMAN port	
	O Sable Notions or other some down type that pets IP automatically.			Stant Rok	
	OADS, connection that requires unename and password. It is resum as PPPOL			briat Genera:	
	CADD, connection but requires contraining, partnered and P address. Its income as PPTP.			Set085 Server and set0.001 8701 CTU	
	B Add, or other connectentiges that uses statis IP address.				
	O Teltos digheid Celle Hoden Serce.			DIS Serve 1	
	Pro. Sec			bel Seaw 2	
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## **ASUS One Touch Wizard**

Next we are to setup encrypted wireless connection for wireless router and wireless client. If you have installed ASUS wireless adaptor as well as the utility, click Start -> Programs -> ASUS Utility-> WLAN Card -> One Touch Wizard to open the connection setup utility on your computer.

22	Windows Catalog			
1	Windows Update			ASUS VLAN Control Center
	Set Program Access and Defaults			🍰 Mobile Manager
-				🎒 One Touch Wixard
<b>6</b>	Programs	C Accessories		🤕 Site Momitor
		Borland C++Builder S		🐣 TroubleShooting
10	Documents •	Marvell(R) Libertas 802.11 abg Client and SoftAP		🎯 Uninstall ASUS MLAN Card Utilities
1	C-101	🖬 ASUS UBIRY	TLAN Card	🛚 🏂 Mireless Settings
125	Seconds	¥	S20g#500g-1#550gE#500g-E Wireless Router	•
$\mathbf{p}$	Search +			
0	Help and Support			

1. Select **Connect to an existing wireless LAN (Station)** when the welcome window appears, then click **Next**.



2. ASUS ONE TOUCH WIZARD searches and displays all the available stations as shown in the picture. Select WL700gE and press **Next** to continue.

3. The setup wizard then asks for encryption setup. Set Key Length as 64 bits (10digits) as we have previously set on WL-700gE, then select Automatic Generation and input 11111 into the Passphrase box.



	Configure your W Generation, Refe WEP keys, Click Next to con	/EP keys by Manual Assignment or Automatic If to the user guide for details on how to set the thrue.
A14 -	Network Buthe	ntication (Shared mode)
	Wireless network	ckey
	Key Format	Hexadecimal digits 💌 👰
	Key Length:	64 bits (10 digits) 💌 💐 🎙
T 📐 📕	C Manual Assi	griment
		97CA326539
		6128764C98
A sense is		682FFC3C84
Sec.		15479D09EF
	Automatic G	eneration
	Passohrase	11111
	Select one as yo	ur Delault Key => Key 1 💌

4. Wait for several seconds to get the client connected to the wireless router. Then a screen informing the result of the connection would appear. Press Next to continue.



5. Then you will see the IP configuration screen. Setup the client IP address according to your network condition. After the setup is completed, Click **Finish**.

ASUS ONE TOUCH WIZARD		×
	Preting: se assigned adomatically if you network apports the administration.  Dick Frish to close the vectord.  C [plan an IP address adomatically  Dick Frish to close the vectord.  C [plan an IP address adomatically  Dick Frish to close the vectord.  C [plan an IP address adomatically  Dick Frish to close the vectord.  C [plan an IP address adomatically  C [plan and IP address adomatically  C [plan Dick address adomatically  C [plan Dick address adomatically  Plant Dick Server.  Period Dick Server.  C [plant address adomatically  C [plant Dick Server.  C [plant address adomatically  Plant Dick Server.  C [plant address address adomatically  Plant Dick Server.  C [plant address addres	
o la	Alternate DNS server.	
	⊈ <back next=""> ⊂&gt;</back>	

#### Windows Zero Config service

For non-ASUS wireless adaptor users, you can set up the wireless connection between your computer and the wireless router with Windows<sup>®</sup> Zero-Configure function.

 Right click the My Network Places on the desktop of your client and click Property, then in the Network Connection window, double-click Wireless Network Connection icon, a window with all available stations appears. Select WL700gE and click Connect.

2). The connection process would take about several seconds.

Then a window prompts out asking you to input the network keys, input the 10-digit key you have previously recorded in your notebook, then click connect to complete connection.

#### Configuring advanced features

To adjust other settings, click on items on the menu to reveal a submenu and follow the instructions to setup the ASUS Wireless Router. Tips are given when you move your cursor over each item.

Note: To setup your wireless router, please refer to the user's manual in the support CD.



WIFEless Network (	lonnection 🛛 🔀
Please wait while Wind	ows connects to the "WL700gE ' network.
Detecting network type	e
	Cancel
Wireless Network Con	nection
The network "WLT00:E" rec	pures a network key (also called a WEP key or WPA key). A
network key helps prevent	unknown intruders from connecting to this network.
network key helps prevent Type the key, and then dic	unknown intruders from connecting to this network. k Connect.
network key helps prevent Type the key, and then dio Network key:	unknown interuders from connecting to this network. k Connect.
network key helps prevent Type the key, and then dic Network key: Confirm network key:	wheneven intrudees from connecting to this network. k Connect.

# 4. Wireless Router features

# 1) Setting up wireless encryption

WL-700gE provides a set of encryption and authentication methods to meet the different demands of home, SOHO, and enterprise users. Before setting up encryption and authentication for WL-700gE, contact your network administrator for advice.



Click Wireless -> Interface to open the configuration page.

Wireless - Interface	
SSID:	default
Channel:	Auto 💌
Wireless Mode:	Auto 🔽 🗖 54g Protection
Authentication Method:	Open System or Shared Key 💙
WPA Encryption:	ТКІР
WPA Pre-Shared Key:	
WEP Encryption:	None 💌
Passphrase:	
WEP Key 1 (10 or 26 hex digits):	
WEP Key 2 (10 or 26 hex digits):	
WEP Key 3 (10 or 26 hex digits):	
WEP Key 4 (10 or 26 hex digits):	
Key Index:	
Network Key Rotation Interval:	0

#### Encryption

The encryption modes supported by WL-700gE are: WEP (64bits) and WEP (128bits).

WEP stands for Wired Equivalent Privacy, it uses 64bits or 128bits static keys to encrypt the data for wireless transmission. To setup WEP keys, set WEP Encryption to WEP-64bits or WEP-128bits, then manually type in four sets WEP Keys (10 hexadcimal digits for 64-bit key or 26 hexadcimal digits for 128-bit key). You can also let the system generate the keys by entering a Passphrase.

#### Authentication

The authentication methods supported by WL-700gE include: Open, shared key, WPA-PSK, WPA, and Radius with 802.1x.

**Open:** This option disables authentication protection for wireless network. Under Open mode, any IEEE802.11b/g client can connect to your wireless network.

**Shared:** This mode uses the WEP keys currently in use for authentication.

**WPA and WPA-PSK:** WPA stands for WiFi-Protected Access. WPA provides two security modes: WPA for enterprise network, and WPA-PSK for home and SOHO users. For enterprise network, WPA uses the already existing RADIUS server for authentication; for home and SOHO user, it provides Pre-Shared Key (PSK) for user identification. The Pre-Shared Key consists of 8 to 64 characters.

**Radius with 802.1X:** Similar with WPA, this solution also uses RADIUS server for authentication. The difference lays on the encryption methods: WPA adopts TKIP or AES encryption methods, while Radius with 802.1X does not provide encryption.

When authentication and encryption are set, click **Apply** to save the settings.

#### Setting up a virtual server in your LAN

Virtual Server is a kind of technology which enables a computer to receive specialized packets from network. It is to assign a certain host to act as a link between inner LAN and outside Web, FTP server.



Click **Virtual Server** in NAT Setting folder to open the NAT configuration page.

NAT Settin	ıg - Virtual Se	erver			
To make service should specify a and name of the outside users to	s, like WWW, FTP, local IP address to t service in the followi the corresponding lo	provided by a the server. Thi ng list. Based ical server.	server in yo en, add the I on the list,	ur local network IP address and r the gateway will	accessible for outside users, you etwork protocol type, port number forward service request from
Enable Virtual Se	aver?	⊙ Yes ◯ N	0		
Virtual Serve	er List	Add D	)el		
Well-Knov	n Applications:	User Define	ed 🔽		
Port Range	Local IP	Local Port	Protocol	Protocol No.	Description
			TCP 🖌		

Apply Cancel

Select Yes to enable virtual server. For example, host 192.168.1.100 is set as virtual server with its ports 20,21 (FTP) accessible to outside users. Therefore, FTP requests from outside users would be forwarded to the host.

Click Apply.

# 3) Setting up virtual DMZ in your LAN

To expose an internal host to the Internet and make all services provided by this host available to outside users, enable Virtual DMZ function to open all ports of the host. This function is useful when the host plays multiple roles such as HTTP server and FTP server. However, in doing this, your network becomes less secure.

- 1. Click Virtual DMZ in the NAT Setting menu.
- 2. Enter the IP address of the host and click Apply.

	Virtual DMZ
NAT Setting - Virtual DMZ	
Virtual DMZ allows you to expose one computer to internet the computer you set. It is useful while you run some applic use it carefully.	, so that all the inbounds packets will be redirected to rations that use uncertained incoming ports. Please
IP Address of Exposed Station:	

NAT Setting

Virtual Server

 Click Apply to activate the settings.

Apply Cancel

## 4) Setting up DDNS

For static IP users who need to make a host or server available to Internet users, they need to have a static IP address and register a domain name for easy memory. However, dynamic IP user cannot map their address to DNS server because their IP addresses keep changing. To solve this problem, WL-700gE provides Dynamic DNS (DDNS) function. DDNS enables dynamic IP users to map the domain name to dynamic IP address by a registered account. To realize this function, you must first register at DDNS service provider, such as DynDNS.org.

1. Enter the Web configuration page of WL-700gE and click **Advanced Settings** at the upper right corner. Then click **IP Config -> Miscellaneous** in the left side menu. Select **Yes** to enable DDNS client and select a DDNS server. (See figure on next page)

If you do not have a DDNS account, you can apply for a free trial account at DynDNS.
 org. Click Free Trial to open the registration page of DynDNS.org.

		Basic Setting Advanced Setting Status Home
Wireless Produty Un Astware Dirko Sance Management Marisellaneous Marise	IP Config - Misseellaneous Ender UPup? DDNS setting UPUPS (EXRS) allow you to anyor your of early basines Craterity, revent DDNS sterr start with a find and accord. Ender the DBMS Class? Server: User Imma of Endel Address: Parsweld CERS Rec Institume it find and address!	Over One Over Over Over Over Over Over Over Over
	Opeate Manually:	Lpdare Apply Cancel



Note: Before rebooting your computer, the ASUS Wireless Router should be switched ON and in ready state.

3. After you click **Free Trail**, you are directed to registration page of DynDNS. Check the two checkboxes as shown in the picture below.



4. Scroll down and enter the Username you want to use for your account, such as "account". Enter your E-mail address to receive the confirmation letter from DynDNS. Enter the Password for your account. Then press Create Account button.

Username
Usemame account
Your username will be used to login to your account and make changes.
E-mail Address
E-mail Address account@asus.com Confirm E-mail Address: account@asus.com
The e-mail address you enter must be valid. Instructions to activate your account will be sent to the e-mail address provided. You must keep this address current. Any accounts with invalid e-mail addresses are subject to removal without warning. We do not sell our list to anyone. Read more about our <u>princy policy</u> .
Password
Password •••••• Confirm Password ••••••
The password you enter will be used to access your account. It must be more than 5 characters and cannot be your username.

5. After pressing Create Account you can see a message telling you that a confirmation letter has been sent to your e-mail address. Open your mail box to check the mail.



Check your mail box for the confirmation letter, open the mail and click the link to reenter the DynDNS registration page and activate your account.



7. Click Login.

Account Confirmed	l
The account "account "has been confirmed. You can no <mark>v Login</mark> and start using your account.	
We have a system announcements mailing list you may wish to subscribe to - this list is used for notifications of new services, changes o services, and important system maintenance/status notifications. To subscribe, simply send an e-mail to <u>announce:</u> unicantelogicits chronis.org.	i

8. Input username and password to login.

Login		
It is	strongly recommended that you visit this page <u>securely</u> . You are not oursently visiting this page securely.	
- Account Login	Usemame: account Password:	
"password" not given.		
	Login	

9. After logging in, you can see this welcome message.

Logged In	
You are currently logged in as: account ( <u>Logout</u> )	

10. Select Services tab.

	About	Senices	Account	Support	News	
Senices	Services		·			
DNS Senices	00111000					
Domain Registration	DynENS provides a	variety of cenvices th	at help enhance your ho	me or business Interne	t experience. We (	ffor superior clomain name

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11. Click Add Dynamic DNS Host.

my Account	Add Host Services	
My Services	Add Host ochhous	
Account Upgrades MailHop Outbound	Dynamic DNS (2)	Add Dynamic DNS Host
Recursive DNS	Static DNS (?)	Add Static DNS Host
SLA	WebHop (2)	Add WebHop
Premier Support	MyWebHop (?)	Add MyWebHop
My Zones Add Zone Services	Network Monitoring (2)	Add Network Monitoring
My Hosts		
Add Host Senices		
Dynamic DNS		

12. Enter the host name then click Add Host.

New Dynamic DNS <sup>sM</sup> H	ost		
Hostname:	account	dyndns.org	~
IP Address:	210.74.250.126		
Enable Wildcard:			
Mail Exchanger (optional):		Backup MX?	
			Add Host Reset Form

13. Your hostname is successfully created.

Hostname Created		
The hostname you have requested has been created. The information now in the database and DNS system is:		
Hostname:	account.dyndns.org	
IP Address:	210.74.250.126	
Wildcard:	N	
Mail Exchanger:	None	
Backup MX:	N	

14. Return to WL-700gE DDNS configuration page. Enable DDNS Client, set "Server" to WWW.DYNDNS.ORG and input your user name, password and host name to the fields. Click Apply to activate the settings.

		Basic Setting Advanced Setting Status & Log
Wireless IP Config WAN & LAN DHCP Server Bandwidth	IP Config - Miscellaneous Enable UPAP? DDNS Setting	© Yes ○ No
Management Miscellaneous NAT Setting Internet	Dynamic-DNS (DONS) allows you to export your static IP address. Currently, serveral DDNS clien stort with a fee trial account. Enable the DDNS Client?	server to Internet with an unique name, even though you have no ts are embedded in WL700gE. You can click Free Trial below to O Yos @ No
Firewall Applications Disk	Server: User Name or E-mail Address:	WWW.DYNDNS.ORG
Share Management System Setup	Password or DDNS Key: Host Name:	eeeeeeeeeeegeeeeeeeeeeeeeeeeeeeeeeeeee
	Enable wildcard?	© Yes ⊗ No Apply Cancel

15. To test whether DDNS functions or not, ping the domain name to see whether your host is accessible. Click Start -> Run... -> type cmd, and enter the command line interface.

AI	l Programs 🕨 🖉 Run
	Log Off 🚺 Turn Off Computer
🐉 sta	irt
Run	?×
-	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	cmd]
	OK Cancel Browse

16. Type ping account.dyndns.org and press Enter. If you get reply from a certain IP address,

it means your host is accessible from Internet.



# 5. Utilities feature

# 1) USB auto copy function

Follow the steps below to copy files from your USB storage to the hard disk in WL-700gE. The files are saved under the **USBCopy** directory.

1. Plug the USB storage to the USB2.0 port of WL-700gE.



 Wait for several seconds until the **READY** LED indicator flashes slowly. Press the **COPY** button on the front panel and the LED flashes quickly. This means WL-700gE is copying data from your USB storage. When the LED stops flashing and stays ON, it means data duplication is complete.



# 2) Wireless data sharing

This sections describes how to share the files in WL-700gE hard disk to your LAN users.

- Connect a computer to WL-700gE and open the Web browser. Input 192.168.1.1 (the default IP address of WL-700gE) in the address box and press Enter..
- Login to the WL-700gE Web configuration interface. Login Name: admin; Password: admin (default).
- 3. Click **Configuration** to enter Web configuration page.





Step 4 and 5 are for first configuration. Skip step 4 and 5 if you have configured the wireless router via EZSetup.

4. Click Advance Setting and select Basic. If you want to disable encryption, set Wireless Mode to Auto and WEP Encryption to None. Click Apply and skip to step 6. If you want to enable encryption, go to step 5.

 To enable encryption protection, set Authentication method to WEP 64-bits, WEP 128-bits, or WPA. For WEP encryption, you need to input four WEP keys (10 hexadecimal digits for WEP-64bits; 26 digits for WEP-128bits). You can also let the system generate the WEP keys by inputting a Passphrase. Take down all keys and passphrase in your note.

System Vireless Internet	Wireless First step to set your wireless interface is to give it a name, called SSID. In addition, if you would like to protect transmitted data, please select the Security Level and assign a password for authentication and data transmission if it is required.		
	SSID:	WL700gE	
	Security Level:	Medium(WEP-64bits) Y	
	Passplirase:		
	WEP Key 1 (10 or 26 hex digits):	371AB2447F	
	WEP Key 2 (10 or 26 hex digits):	FBEA2AB7D4	
	WEP Key 3 (10 or 26 hex digits):	1C9D814E6C	
	WEP Key 4 (10 or 26 hex digits):	B4695172B4	
	Key Index:	1 🛩	
		(Prev) [Next]	

 Double-click the **700gE share folder** short cut on your desktop to access WL-700gE share space. Copy the files you want to share into the share folder.



How to download the shared documents

 Connect your computer to WL-700gE, open My Network place and click view workgroup computers (make sure WL-700gE and your computer are within the same workgroup, the default workgroup of WL-700gE is WORKGROUP).

🛃 Workgroup	
File Edit View Favorites Tools Help	<b></b>
🕞 Back 🔹 🌍 🝷 🏂 🔎 Search 🎼 Folders 🛄 -	
Address 🚜 Workgroup	💌 🄁 Go
Network Tasks     Image: Competition of the network place       Add a network place     Vew network       Setup a home or small office network.     Image: Competition of the network or a home or small office network.       Metwork Tor a home or small office network.     Image: Competition or small office network.       Metwork Tor a home or small office network.     Image: Competition or small office network.       Image: Show tons for network of Point or network of Point or network.     Image: Competition or small office network.	



The default workgroup setting of WL-700gE is Workgroup. If your computer and WL-700gE are not within the same workgroup, you cannot find WL-700gE from your computer. Set WL-700gE within your workgroup by modifying the workgroup settings in **Share Management -> Windows Setup** page.



 Double-click the WL700gE icon to enter the share folder. The files you copied from the USB storage are saved in USBCopy directory and are listed according to time/date.

🌋 Myshare1 on 'WL700gE (192	.168.1.1)' (Z:)		
File Edit View Favorites Tool	s Help		<b></b>
🕞 Back 👻 🌍 👻 🎾	Search 😥 Folders 🛄 🗸		
Address 🛣 Z:\			💌 🔁 Go
File and Folder Tasks 🙁	Download	Music	
Make a new folder Publish this folder to the Web	Photo		
Other Places 🛞		Video	
My Computer     My Documents     Shared Documents     My Network Places	web		

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# 3) Download Machine

You can use Download Master function in ASUS Utility to organize HTTP, FTP, and BT download tasks.

 Open Download Master from Start -> All Programs -> ASUS Utility -> WL-700gE Wireless Router -> Download Master. Click File -> Connect to associate with WL-700gE.

🗷 Download M	haster	
File Help		
Connect Disconnect	Transfers Eolder	
Config		🔘 Action
Exit	Network Progress Status	Size Speed
<		>
Offline		

#### 2. HTTP download (1)

Right-click the download link on the Web page and select **Download using ASUS Download**.

le Edit View Pavorites Tools Help					ini i 🛛 🕹
🌀 teck + 🔘 · 💌 📓 🏠 🍃	🔎 Search 🤺 Pavortes 🧔 👔	3 · 💺 🖂 🚳			
Sciress 截 http://bupport.asus.com/download	download.espr75t.enguage=en-us				💌 🛃 🐟  😨 Link
		6. Fit: Unange About He Pitots. 7. Fit: Remove trip file during F 8. Adjust BT Download Master(b	TP transfer (it should be helpful to ry using new utility)	x fo aging)	
	> File Size	17.19 (MDy9ex)			
	> Download from	😫 Global + 🖹 USA + 🖺 Dar	opo - 🖹 China		
1	e <sup>20</sup> > Version	1.0.4.1			2006/04/10 update
	≥os	AL	Open Open in New Window		
	> Description	WL-700p firmware version 1.0.	Save Target Ar Print Target		
		For v1 bag, it only support the se 2. Allow other access right of C 3. Set preferred_ang to define	Cuit Capy Capy Shortcuit Paste	sage setting. PBGAUBGA mode.	
		<ol> <li>Remove PDC mode.</li> <li>Display 12 messages and p</li> </ol>	Add to Pavorites		
	> File Size	17.1 (MDstero)	Deventoed All by ASUS Deventoed Deventoed using ASUS Doverticed		
	> Download from	😫 Global - 🖹 USA - 🖺 <u>Eu</u>	Properties		
1	Yersion >	MU8711			2005/07/25 update
	> os	Al			
	Description	AGUS WL-700gE wireless route	r user" is manual in English.		

#### HTTP download (2)

Right click the download link on the Web page and select **Properties.** Copy the download **Address (URL)**.



If you select **Download using ASUS Download**, you can see the download task is added to the **Transfer** list. The blue bars indicate the progress of download tasks.

💷 Download Master					
File Help					
🔎 Assign 🛛 🖾 Trans	fers 📄 Folder				
🕹 Downloads				0	Action
File 🔺	Network	Progress	Status	Size	Speed
- 🚹 E1697_pdf_manual.zip	113 http		Downloading	4.95 MB / 5.74 MB	13.05
Fre_1380.zip	145 http		Downloading	227.37 KB / 2.49 MB	9.00 K
<					>
Online					

If you copy the download address, click **Assign** button in the utility. Paste the address into **Getting File From** box, select **HTTP** from Option, and click **Download** button to start.



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#### 3. FTP download

Click **Transfer** button of the Download Master and select **FTP** in the Options field. Input the FTP site address, Port number, User Name, Password. Click **Download** to start.

Download Master	
File Help	
🔎 Assign 📝 Transfers 🔛 Folder	
Getting File From: http://	Download
Options. FTP	
Host	Port:
User Name:	Password
Offline	

#### 4. BT download

Save the BT seed on your computer. Click **Transfer** button of the Download Master and select **BT** in the Options field. Click **Browse** to locate the seed file and click **Download** to start.

💷 Download Master		
File Help		
Assign 🛃 Transfers 📄 Folder		
Getting File From	Browser	i Download
Options:		
Offline		.:

 Click Folder button to view the download file. Open the Complete folder to view or copy the finished files to your local hard disk. The incomplete tasks are kept in InComplete folder.



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# 4) Sharing photos on your Website

You can upload your photos to WL-700gE to share them with your friends.

- 1. Click Start -> All Programs -> ASUS Utility -> WL-700gE Wireless Router -> Photo Album Exporter to open the photo upload utility.
- 2. Name your new album and add descriptions to the album. Click **Next** to continue.

PhotoAlbum Exporter
Name and describe your album
Name M/AlbumEdf
Description
Next >>>> Cancel

3. Click Add to add photos from your local hard drive.

Organize and adjust your image
Add Remove Move Lett Move Right Description
·2
Rack Mari ND Canad

4. Locate the photos you want to upload and browse them in the preview window. Select the photos you want to upload and click **Add**.

	P	NotoAlbum Exporter
□         Destop           □         My Documents           □         My Muice           □         My Muice           □         My Muice           □         My Muice           □         My Constant           □         ■		Available items
Chose Items	Move Right	Remove Select AI
		OK Cancel

5. The photos you have selected appear in the lower window, click the arrows to adjust the sequence of the photos. Click **OK** to continue.

1000	PhotoAlbum Exporter
□         □	Available Items
Chose Items	pa Water Hest Epg ve Right Pence Select All
	OK Cancel

6. Click **Description** to add description for individual photos. Click **Next** to continue.

Organize and adjust your image
Blue Hilt pg         Surrost (pg         Water Hert pg         Welter (pg
Add Resove Move Left Move Right Description
Bio Mit pg
Cancel

7. The utility starts to upload the photos, this action takes several seconds.

PhotoAlbum Exporter
 Finish
Finish

8. Login your Web configuration interface. Login Name: admin; Password: admin (default).



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9. Click Personal Webpage.



10. You can see the album is already added to you personal website. To view the photos, click the album.

OUT FAVORITE FHOTO MESSAGE HOME	Nume WLR0gE() Nume WLR0gE() Pervente Link: P ASISS Web	Phote Advines MyAlbunE.
	web Adm Logn	Mennage Bourd Subjects Replice Last Possiel by Views Last Post

11. Your friends can view these photos and leave comments to them.



# 5) Setting up the Message Board

You can create your own Blog site by setting up the Message Board to share you stories to your friend.

1. Click Login at the lower left corner.



2. Login Name: admin; Password: admin. Click Login to enter the website home page again.

User Name:	admin
Password:	•••••
	Login

3. Click the Message Board tab and click New topic.



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4. Input the subject for discussion and click Add.

Back Back Back Add a New Topic New Topic Welcome to my alter Add	
--	--

5. When finished, click **Add Message** to enter the subject and leave a message.

HOME	[	Message Board		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Back.	Add Message	Delete this Topic
BOA		Welcome to my	sitel	
PHOTO				
RITTE				
FAND				
ME				

6. Input your information to the fields and write your message in the Message box. Click **Submit** to send out the message.

TOME	Back
	[Welcome to my site] ]
ų d	[wereame to my and ]
BOA	Title admin
	Nick Name Mr. A
BUMS	Email mra@asus.com
14	Web Page www.asus.com
En	
LINK	Talk to Owner Only 🔘 yes 💿 no
-	Message
ME	Nice website: Hana "_"
2	
1	
~	
	rtasat Suunit
1	
i'r'r	
U.	

7. Your message board is ready.

=	Basic Add Massage	Delete this
	Data Add Message	Topic
	Welcome to my site!	
	Title admin Author Mr. A <sup>6</sup> 🖾 (2006/02/21 11:34:16)	Ē
	Nice website! Haha ^_^	

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# 6) Web Camera

The ASUS Wireless Router implements several applications for a Web camera, enabling you to capture images and send them over the Internet. For this function, you need to plug a web camera onto WL-700gE and enable ActiveX for your Web browser.

#### Web camera

- 1. Click Web Camera under Applications.
- Enable Web Camera Selecting LAN Only enables Web Camera for LAN users. Selecting LAN and WAN enables Web Camera for both LAN users and WAN users through firewall.

#### Web Camera Mode -

Select the appropriate camera mode from the drop down list. ActiveX Only enables user to execute ActiveX clients on an Windows<sup>®</sup> IE platform and get the best image quality. ActiveX and Refresh enables user to get a basic image on both



IE and other browsers. Refresh Only provides to all users still images which are refreshed in a specified interval.

Web Camera Driver - When you plug a supported Web Camera into the USB2.0 port in the wireless router, the appropriate driver is selected automatically. Refer to the USB Web Camera support list on ASUS Website (www.asus.com) for supported Web Camera models.

**Image Size** - Select the image size from the drop down list. 320 x 240 provides a larger image while 160 x 120 provides faster transmission. Click Preview to see the effect.

Sense Level - This field indicates the sensitivity at which image movement is detected.

**Refresh Time in Seconds** - This field indicates the time interval in seconds in which the system reloads images. The range of values is 1~65535.

**HTTP Port** - This field indicates the port that HTTP server listens on to communicate. For example, by default, you can connect to your web camera by using http://192.168.1.1:7776 without password checking. (The password checking field is unchecked.)

ActiveX Port - This field indicates the port that server listens on to communicate with ActiveX clients.

## **Enabling ActiveX for your IE**

If you use Internet Explorer<sup>®</sup>, you need to enable ActiveX or the Web Camera cannot function properly. For clients using Netscape or other browsers, ignore this part.

- 1. Open Internet Explorer 5.0 or above on your computer, click **Tools -> Internet Options**.
- 3. Select **Security** tab and click **Custom** Level button.



5. By default, these three items are enabled. Enable them if changed.

Security Settings ? 🔀
Settings:
Run ActiveX controls and plug-ins
Administrator approved
🔵 Disable
Enable
() Prompt
Script ActiveX controls marked safe for scripting
Q Disable
Enable
Prompt
Downloads
Disable
Enable
Reset custom settings
Reset to: Medium-low Reset
OK Cancel



4. Enable the activeX controls and plug-ins. By default, these items are disabled.



6. Click **Yes** to change the security settings.



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## **Security Mode Setting**

With proper setting to DDNS, you can monitor your working environment from anywhere on Internet, even if dynamic WAN IP address is used. If any motion is detected by the camera, WL-700gE captures the images and send them to your appointed E-mail box.

Enable Security Mode? -Select Yes to enable security function on the data and time you set below.

Date to Enable Security Mode -

This field defines the date that Security Mode is enabled.

**Time to Enable Security Mode** - This field defines the time interval that Security Mode is enabled.

	Advanced_WebCex_Content.exp		× C3 4
· Heb Camera		Medium M	
Printer	Forb with Table in percendit:	1	
Management	Caption Sking	Web Camera Live Demolf	
Share Management	Activit Post;	7777	
	Security Mode Setting		
	This function allows you to monitor your on WUTODgD will try to allort you by means of	eisennent through Web Camera. If there is any motion detected, e-mail.	
	Enable Security Mode?	O 199 S Ho	
	Date to Easible Security Blocks	Sound Man Stra Street	
	Time to Enable Security Mode:	00 00 23 59	
	Senditic		
	Email Server:		
	1.1.1		
	Subject	Place of effection allers	

Send to - Input the E-mail address you wish WL-700gE send the image to.

Email Server - This field indicates the E-mail server you use for exchanging E-mail. If you leave this field blank, WL-700gE uses the mail server of your E-mail address in Send to field.

Subject - This field is for the subject of E-mail.

Attach Image File? - This field allows you to attach the captured image in the E-mail.

# 7) Setting up shared printer

You can connect a USB printer to the USB2.0 port on WL-700gE Wireless Router and share the printer within your network. Follow the steps below to setup your shared printer on your .

- 1. Connect a USB printer to the USB2.0 port of WL-700gE. Make sure the printer is powered ON.
- Enter the Web configuration page of WL-700gE. Click Applications -> Printer. You can see your printer is recognized by WL-700gE.



3. Open a Web browser window and type **//192.168.1.1** then press **Enter**. You can see the printer icon. Double click the printer icon.



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## Setting up printer client under Windows XP

Follow the steps below to install network printer on your clients.

1. Run Add Printer Wizard from Start -> Printers and Faxes -> Add a printer.



2. Select Local printer attached to this computer and click Next.



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3. A warning window prompts out. Click **OK** to continue.

0	Connect	t to Printer
	♪	You are about to connect to a printer on wiPOOge, which will automatically install a print driver on your machine. Printer drivers may contain viruses or scripts that can be harmful to your computer. It is important to be certain that the computer sharing this printer is trustworthy. Would you like to contribut?
		Yes No

4. Select the printer driver from the vendor-model list and click **Next** to install. If your printer is not in the list, click **Have Disk** to locate the driver.

Add Printer Wizard	
Install Printer Software The manufacturer and model o	letermine which printer software to use.
Select the manufacturer and disk, click Have Disk. If you compatible printer software.	I model of your printer. If your printer came with an installation Ir printer is not listed, consult your printer documentation for
Manufacturer Compaq Dataproducts Dicoriis Diptal Epson	Printers Epson Stylus Pro XL+ ESC/P 2 Epson 1-1000 Epson 1-750 EPSON Stylus Photo R210 Series igned! Windows Update Have Disk atant
	< Back Next > Cancel

5. Click Next to accept the default name for the printer.

Add Printer Wizard
Name Your Printer You must assign a name to this printer.
Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible. Printer name: EFSON Stylus Photo R210 Series
<back next=""> Cancel</back>

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6. Select Yes to print a test page. Click Next to print.



7. The installation is complete. Click Finish to quit the Add Printer Wizard.



8. The printer is ready for share.

🚵 Stylus-Photo-R210 on w170	Dge				
Printer Document View Help		A			
Document Name	Status	Owner	Pages	Size	Subr
2					
<					>
0 document(s) in queue					

# 6. Troubleshooting

### Cannot access to web browser for router configuration



1. Open a web browser and open "Internet 2. Click on "Delete Cookies" and "Delete Options" dialog box.



Files"

## 2). Cannot Establish Connection via Wireless

#### Out of Range:

Put the router closer to the client.

Check and change the channel setting.

#### Authentication setting mismatch:

Use a Ethernet enabled computer to connect the wireless router.

Check the wireless security setting, or do a hard reset on the router.

#### Couldn't find the router:

Do the hard restore on the router and search again.

Check the settings in the wireless adapter, such as SSID and encryption setting.

#### Cannot get access to the Internet via wireless LAN adapter

Move the router closer to the client.

Check whether the wireless adapter is connected to the correct AP.

Check whether the wireless channel in use conforms to the channels available in your country/ area.

Check the encryption settings on both router and client.

Check whether the ADSL cable is plugged to the WAN port.

Retry by another Ethernet cable.

#### Internet is not accessible

Check the LED indicators on ADSL modem and the wireless router.

Check whether the "WAN" LED on the wireless router is ON. If the led is not ON, change an Ethernet cable and try again.

When ADSL Modem "Link" light is on (not blinking), this means Internet Access is Possible.

Restart your computer.

Reconfigure the settings for ASUS Router and please refer to the Quick Setup Guide of the WL-700gE.

Check whether the WAN LED on the router is on or not.

Check wireless encryption settings

Check whether the computer can get the IP address or not. (via both wired network and wireless network)

Check whether your Web browser is configured to use the local LAN, and is not configured to use a proxy server.

If the ADSL "LINK" light blinks continuously or stays off, Internet access is not possible - the Router is unable to establish a connection with the ADSL network.

Check that your cables are connected properly.

Disconnect the power cable from the modem, wait a few minutes, then reconnect the cable.

If the ADSL light continues to blink or stays off, contact your ADSL service provider.

#### 5). Network name or encryption keys are unknown

Try to setup the wired connection for setup the wireless encryption again.

Do the hard reset to the router.

#### 6). How to reset to defaults

The following are factory default values. These values will be present when you first receive your ASUS Wireless Router, or if you push the restore button on the back of the ASUS Wireless Router over 5 seconds, or if you click the "Restore" button on the "Factory Default" page under " Advanced Setup" in the Web Management interface.

User Name:	admin	Subnet Mask:	255.255.255.0
Password:	admin	DNS Server 1:	192.168.1.1
Enable DHCP:	Yes (if plug in Wan cable)	DNS Server 2:	(Blank)
IP address:	192.168.1.1	SSID:	default
Domain Name:	(Blank)		

## Six simple steps of trouble-shooting

1. Power ON the WL-700gE Wireless Router and make sure the LED indicators light up normally.



2. Make sure the ASUS Wireless Router Utility is correctly installed.

/isus	ASUS Wireless Router	
	Install ASUS Wireless Router Utilities     Cick to run the setup installation program	Download Machine - Help you to maintain and monitor BT/HTTP/FTP download task.
	Uninstall ASUS Wireless Router Utilities	EZSetup Wizard - Help you to setup wireless and Internet connection easily.
	Read/Install User Documentation	Photo Album Exporter - Help you to transfer your photos to server for Internet access.
	Explore this CD	
	Browse our Web Site	
	Installation Language English	EXIT

 Ping WL-700gE at your computer. Click Start on the desktop and select Run..., type cmd and press OK. Then type ping 192.168.1.1 and press Enter. If ping times out, it means the router could not been reached by your computer. You need to reset the router if you do not remember the IP address.

Command Prompt - ping 192.168.1.1 -t	- 🗆 ×
Microsoft Windows XP [Version 5.1.2600] (C> Copyright 1985-2001 Microsoft Corp.	<u>^</u>
C:\Documents and Settings\Boss>ping 192.168.1.1 $- ext{t}$	
Pinging 192.168.1.1 with 32 bytes of data:	
Reply from 192.168.1.1: bytes-32 time=17ms TTL=64 Reply from 192.168.1.1: bytes=32 time=1ms TTL=64	- 1
4	•

(54)

4. Press the RESET button on the rear panel for more than 5 seconds.



5. Check whether you can access the Web configuration page of WL-700gE and set up features via Web interface.



6. Check whether you can configure the wireless router and access Internet via wireless.



#### DESCRIPTION

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