D-Link DI-704 Quick Installation Guide

1. Hardware Installation

A. **Setup LAN connection:** connect an Ethernet cable (straight-through) from your computer's Ethernet port to one of the LAN ports of the DI-704.



B. **Setup WAN connection:** connect the network cable from your cable or DSL modem to the WAN port of the DI-704. Use the cable that came with your Cable or DSL modem. If you don't see a link light on the WAN LED, try the other network cable.



C. Power on: connect the power cord to power inlet and turn the power switch on. The DI-704 will automatically enter the self-test phase. When in the self-test phase, the indicators M1 and M2 will be lit for about 5 seconds, and then M1 and M2 will flash three times to indicate that the self-test operation has finished. Finally, the M1 will flash continuously once per second to indicate that the DI-704 is in normal operation.

*If you are using PPPoE, begin Step 5.

If you are not using PPPoE, proceed to Step 2 below.

2. Find and Write Down Your Computer's Internet Settings

A. Open the Control Panel



B. Find and Double Click the Network Icon



C. Click the Identification Tab

twork	<u>?</u>
Configuration Iden	tification Access Control
Window comput comput descrip	vs uses the following information to identify your er on the network. Please type a name for this er, the workgroup it will appear in, and a short tion of the computer.
Computer name:	My Computer
Workgroup:	WORKGROUP
Computer Description:	
	OK Cancel

- **D.** Write down your computer name on a sheet of paper.
- **E.** Click the Configuration Tab. It should list your network (Ethernet) adapter and the loaded network protocols and services. Find TCP/IP for the network adapter connected to your Cable/DSL modem.

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onfig	guration Identifica	ation Access Contri	51
The	e following <u>n</u> etwork	• Bou r	ble
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Y	TCP/IP -> Link	DFE-530TX 10/100	PCINIC
6	* TCP/IP -> Dial Up	Adapter	•
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Prin	Add	R <u>e</u> move	Properties
Cli	ent for Microsoft Ne	etworks	•
	File and Print Shar	ing	
D T W	escription CP/IP is the protoc ide-area networks.	ol you use to conne	ct to the Internet and
		~	

F. Find and double click the TCP/IP setting for your Network Adapter that connects to your cable or DSL modem. If you have not yet installed your network card, install your network card, and then return to this step. You should see one of the following screens:

CP/IP Properties		?
Bindings	Advanced	NetBIOS
DNS Configuration	Gateway WINS Cor	figuration IP Address
An IP address can If your network do your network admit the space below. © Obtain an IP © Specify an IP IP Address: Sybnet Mas	be automatically assign es not automatically assi nistrator for an address, address automatically address: ### . ### . ## k:	ed to this computer. gn IP addresses, ask and then type it in #. ###
- C Specify an IF IP Address: S <u>u</u> bnet Mas	⁹ address: <i>###.###.##</i> k: <i>###.###.#</i>	1.111 4.111
	0	K Cancel
	or	

DNS Configuration Gateway WINS Configuration IP A An IP address can be automatically assigned to this computer of the second secon	Addres iter. , ask in
An IP address can be automatically assigned to this comput If your network does not automatically assign IP addresses, your network administrator for an address, and then type it is the space below. © Obtain an IP address automatically © Specify an IP address:	iter. , ask in
Dotain an IP address automatically Specify an IP address:	
C Specify an IP address:	
[P Address:	
Sybnet Mask:	

- **G.** Write down whether "Obtain An IP Address Automatically" or "Specify an IP Address" is checked.
- H. If Specify is checked, write down the IP Address _____. and Subnet Mask _____. on a sheet of paper.
- I. If Specify is checked, find and write down your Gateway address

_____. by clicking on the Gateway tab.

P7IP Properties			Ŷ
Bindings	Advanced	N	letBIOS
DNS Configuration	Gateway WIN	S Configuration	IP Addres
The first gateway The address orde machines are use <u>N</u> ew gateway:	in the Installed Gat r in the list will be th d.	eway list will be e order in which	the default. h these
	•	<u>A</u> dd	
	ays:	Add	
Installed gatewa	sys: t.###	Add	

J. Find and write down your host name ______. It is listed under the DNS Configuration Tab.

2		14
Bindings	Advanced	NetBICS
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Enable DNS		
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DNS Server Search Dr	der	T
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Domain Suffix Search	Order	
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	-	

3. Reconfigure your TCP/IP settings

A. Click the *IP Address* tab. Select *Obtain an IP address automatically*.

CP/IP Properties		?
Bindings	Advanced	NetBIOS
DNS Configuration Ga	teway WINS Confi	iguration IP Address
An IP address can be a If your network does no your network administra the space below.	automatically assigne ot automatically assign ator for an address, ar	d to this computer. n IP addresses, ask nd then type it in
O Detain an IP add C Specify an IP add	ress automatically dress:	
[P Address:		
S <u>u</u> bnet Mask:		
	OK	Cancel

B. Click the *Gateway* tab. Clear all of the gateway settings. Click on the *OK* button.

CP/IP Properties				? >
Bindings) Adv	anced	N	etBIOS
DNS Configuration	Gateway	WINS Confi	guration	IP Address
The first gateway i The address order machines are used	n the Installe in the list wi I.	ed Gateway lis II be the order	st will be in which	the default. I these
New gateway:	•	Add		
- Installed gatewa	ys:	Hemo	/8	
		OK		Cancel

C. Disable DNS settings

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Bindings Advanced DNS Configuration Gateway WINS C	NetBIOS onligutation IP Addre
C Disable DNS	
Enable DNS	
Host Dococcocc Dynamic	* 000000000000
DNS Server Search Order	
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Domain Suffix Search Bider	
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4. Configure the DI-704 without PPPoE

- A. Launch Netscape or Internet Explorer. You must use Netscape 4.0 or Internet Explorer 4.0 or higher. If you are using proxy settings, either remove the proxy settings or add the IP address of the DI-704 into the exceptions box. Type the DI-704's IP address (default is: *http://192.168.0.1*) in the *Location* (for Netscape) or *Address* (for IE) field and press ENTER.
- B. Key in the system password (the factory default setting is "*admin*") in the *System Password* field and click on the *Log in* button.
- C. Press the *Setup* button and the following screen will be shown.

192.100.0.1
Static IP Address
0.0.0.0
235.255 235.0
0.000
0.0.0.0
0.0.0.0

D. Press the *Change*...button, select the WAN type you use, and then press the *Save* button. The following screen will appear.

- E. Key in the proper values for the setting items shown on the page. Use the settings that you saved from your step 2. For the meaning of the items, please press the *Help* button or refer to the *User Manual Chapter 4.4*.
- F. After all of the items are set, press the *Save* button and reboot the DI-704.

You have now configured the DI-704. Refer to the User manual to review features and operation instructions that you may need for your use.

5. Configure the DI-704 with PPPoE

What is PPPoE?

PPPoE stand for Point-to-Point Protocol over Ethernet. It is a non-standard method of connecting to your ISP to gain an IP address. It relies upon a software client that is provided by the ISP. An IP address is required to gain a connection to the Internet. How can I tell if I am using PPPoE?

PPPoE requires a client on your computer. If you have a broadband connection and have to login to your provider in a similar fashion to how you would dial in with a modem, you are probably using PPPoE. If you are simply connected to the Internet when you turn on your computer, you probably are not. The safest way to check is to call your provider, or read the documentation provided with your Internet service to determine if you currently use PPPoE.

A. Click the IP Address tab. Select Obtain an IP address automatically.

TCP/IP Properties		? ×
Bindings DNS Configuration	Advanced Gateway WINS Confi	NetBIOS iguration IP Address
An IP address can If your network doo your network admii the space below.	be automatically assigne as not automatically assig nistrator for an address, a	d to this computer. n IP addresses, ask nd then type it in
Obtain an IP	address automatically	
C <u>S</u> pecify an IF	address:	
JP Address:		
S <u>u</u> bnet Mas	k:	
	0	Cancel

B. Click the *Gateway* tab. Clear all of the gateway settings. Click on the *OK* button.



C. Disable DNS settings

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DNS Configuration Ga	Kewap WING Co	nliguration IP Addres
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Enable DNS		
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Domain Suffix Search	h Dider	
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D. Launch Netscape or Internet Explorer. You must use Netscape 4.0 or Internet Explorer 4.0 or higher. If you are using proxy settings, either remove the proxy settings or add the IP address of the DI-704 into the exceptions box. Type the DI-

704' s IP address (default is: *http://192.168.0.1*) in the *Location* (for Netscape) or *Address* (for IE) field and press ENTER.

- E. Key in the system password (the factory default setting is "*admin*") in the *System Password* field and click on the *Log in* button.
- F. Press the *Setup* button and the following screen will be shown.

DEINK	Cable/DSL Residential Gateway
	Setup
LAN IP Address	192.168.0.1
WAN Type	Static IP Address Charge_
WAN IP Address	nonn
WAN Subort Mask	255.255.255.0
WAN Gateway	0.00.0
Primary DNS	0000
Secondary DNS	0.00.0
Secondary DNS	paan

G. Press the *Change*...button, select PPPoE over Ethernet, and then press the *Save* button. The following screen will be shown.

)-Link	Cable/DSL Residential Gateway <	
Setup		
AN IP Address	192.168.0.1	
WAN Type	PPP over Ethernet Change	
PPoE Account		
PPPoE Password		
PPFoE Service Name	(optional)	
Maximum Idle Time	300 seconds	
Assigned IP Address	0.00.0	

H. Key in the proper values for the setting items shown on the page. For the meaning of the items, please press the *Help* button or refer to the *User Manual – Chapter* 4.4. After all of the items are set, press the *Save* button and reboot the DI-704.

You have now configured the DI-704. Refer to the User manual to review features and operation instructions that you may need for your use.