D-Link Quick Installation Guide

This product can be set up using any current web browser, i.e., Internet Explorer 6x. D-Link DFL-900 VPN/Firewall Router

Before You Begin

It's best to use a computer with an Ethernet adapter for configuring the DFL-900. The default IP address for the DFL-900 is **192.168.1.254** (LAN1 at the port number 2) with a Subnet Mask of **255.255.255.0**. You will need to assign your computer a Static IP address within the same range as the DFL-900's IP address, say 192.168.1.2 to configure the DFL-900. See the Appendix if you need assistance in assigning a Static IP address for your network adapter.

Check Your Package Contents

These are the items included with your DFL-900 V.A1 purchase:

• DFL-900 VPN/Firewall Router
 CD-ROM (containing User's manual and Quick Guide)
• Console Cable (baud rate 9600)
• Ethernet Cable (RJ45) * 2
• Power Cord

If any of the above items are missing, please contact your reseller.

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ENGL

Device default value

You should have an Internet account already set up and have been given most of the following information as the following table. Fill out this table when you edit the web configuration of DFL-900.

Items			Default value	New value
Password:			admin	
		IP Address		·
		Subnet Mask		·
	Fixed IP	Gateway IP		·
		Primary DNS		·
WAN1 (Port 1)		Secondary DNS	Not initialized	·
(* 2.2.2.)	PPPoE	PPPoE Username		···
		PPPoE Password		·
	DHCP			
	Port 2)	IP Address	192.168.1.254	·
LAN I(Port 2)		IP Subnet Mask	255.255.255.0	·
DMZ1	Port 3)	IP Address	10.1.1.254	·
DIVIZ I (FOIT 3)		IP Subnet Mask	255.255.255.0	·

System Architecture

DFL-900 is an integrated solution that can provide enterprises the maximum security and the best resource utilization. It contains stateful inspection Firewall, NAT, VPN, Intrusion Detection System, Dynamic Routing, Content Filtering, Bandwidth Management, WAN load balancer, in a single box. It also features high performance accelerator and wire-speed VPN encryption/decryption. It is the most cost-effective solution for enterprise.



Figure 1 DFL-900 default topology and port value settings.

1 Connecting the DFL-900

A. First, connect the power cord to the Power Socket at the back panel of the DFL-900 and then plug the other end of the power adapter to a wall outlet or power strip. Press the switch to ON position. The Power LED will turn ON to indicate proper operation.



- B. Using an Ethernet cable, insert one end of the cable to the WAN port on the front panel of the DFL-900 and the other end of the cable to a DSL / Cable modem or other internet access devices.
- **C.** Computers with an Ethernet adapter can be directly connected to any of the **LAN ports** using a **cross-over** Ethernet cable.
- **D.** Computers that act as servers to provide Internet services should be connected to the **DMZ port** using an Ethernet Cable.





Using the Setup Wizard

A computer on your LAN1 must be assigned an IP address and subnet mask from the same range as the IP address and subnet mask assigned to the DFL-900 in order to be able to make an HTTPS connection using a web browser. The DFL-900 is assigned an IP address of 192.168.1.254 with a subnet mask of 255.255.255.0 by default. The computer that will be used to configure the DFL-900 must be assigned an IP address between 192.168.1.1 and 192.168.1.253 with a subnet mask of 255.255.255.0 to be able to connect to the DFL-900. This address range can be changed later. There are instructions in the DFL-900 User's Guide, if you do not know how to set the IP address and subnet mask for your computer.

Open your Web browser and type "http://192.168.1.254:8080" or "https://192.168.1.254" into the URL address box. Then press the Enter or Return key.



Step 1 — Login Type "admin" in the account field, "admin" in the Password field and click Login.	DFL-900 VPN/Firewall Router ([074-000]/Nean kgn ([074-000]/Nean kgn ([074-000]/Naan kgn ([074-000]/Naan kgn ([074-000]/Naan kgn ([074-000]/Naan kgn ([074-000]/Naan kg
Step 2 — Run Setup Wizard Click the Run Setup Wizard.	After Login to DFL-900 web configuration Advantage of the power of the

Step 3 - NameSystem SystemEnter the Host Name and the Domain Name, followed by clicking the Next.	BASIC SETUP > Wizard System Name WAN1 IP System Host Name DFL-1 Domain Name dlink.com Next
Step 4 —WAN ConnectivityChoose the type of IP Address Assignment provided by your ISP to access the Internet. Here we have four types to select. This will determine how the IP address of WAN1 is obtained. Click Next to proceed.	BASIC SETUP > Wizard > Next
Step 4.a — DHCP client If Get IP Automatically (DHCP) is selected, DFL-900 will request for IP address, netmask, and DNS servers from your ISP. You can use your preferred DNS by clicking the DNS IP Address and then completing the Primary DNS and Secondary DNS server IP addresses. Click Next to proceed.	System Name VAN1 IP Status IP Address Assignment Get IP Automatically (DHCP) V Get DNS Automatically O DNS IP Address Primary DNS 168:95:1.1 Secondary DNS 00.0.0 Routing Protocol None OSPF Area ID Back Next
Step 4.b — Fixed IP If Fixed IP Address is selected, enter the ISP-given IP Address, Subnet Mask, Gateway IP, Primary DNS and Secondary DNS IP. Click Next to proceed.	BASIC SETUP > Wizard > Next > Fixed IP System WAN1 IP System IP Address Assignment Fixed IP Address IP Address IP Address IP Address IP Intrary DNS IB 95.1.1 Secondary DNS IB

Step 4.c – PPPoE	BASIC SETUP > Wizard > Next > PPPoE
client	System Name WANT IP System Status
If PPP over Ethernet is selected, enter the ISP-given User Name, Password and the optional Service Name. Click Next to proceed.	IP Address Assignment PPP over Ethernet
Step 4.d —Alert MessagePlease Note that an alert message box "When changing to none fixed ip mode, system will delete all ip alias!" will appear while you change Get IP Automatically (DHCP) Or PPP over Ethernet but not Fixed IP Address as your WAN link.	Microsoft Internet Explorer When changing to none fixed ip mode, system will delete all ip alias! 董確定
Step 5 — System Status Here we select Fixed IP method in WAN1 port. Then the DFL-900 provides a short summary of the system. Please check if anything mentioned above is properly set into the system. Click Finish to close the wizard.	BASIC SETUP > Wizard > Next > Next Name Walt IP System Value System Name: DFL-1.dlink.com Emarge Value Emmary DNS 160.551 (DLINK) #0: Wed May 26 14:10:36 CST 2004 Default gateway 61.21.6 Primary DNS 160.551.1 Bechard and the static (Pi(Default)) Porter: Porter: WAHT (Static (Pi(Default)) Porter: PAdress: 192.168.1.254 Subnet Mask: 255.255.255.0 Porter: Porter: PAdress: 10.1.1.254 Subnet Mask: 255.255.255.0 Porter: PAdress: 10.1.1.254 Subnet Mask: 255.255.255.0



Basic Setup

Setting up a VPN and configuring the Firewall on the DFL-900 requires a deeper understanding of the protocols and security features of the DFL-900 than can be presented here. If you need additional information about setting up a VPN or configuring the Firewall, please consult your *DFL-900 User's Guide* or your Network Administrator.

Please Note:

Each configuration page has buttons on the bottom labeled **Apply** and **Reset**. When you configure any page, you must press the **Apply** button to make the configuration effective. You **CANNOT** configure multiple pages, and then press **Apply**. Each page must have the configuration information 'applied' before going on to the next page.

WAN Settings

The WAN Settings page allows you to modify the protocol that the DFL-900 will use to connect to your ISP and obtain the necessary network address information.

The usage of these pages is essentially the same as those introduced in the wizard pages. The ISP Settings page allows you to modify the way that the DFL-900 obtains its network settings from your Internet Service Provider (ISP). The entry fields on the page will change depending upon which of the following options you choose: **Fixed IP Address, Get IP Automatically**, and **PPPoE**.

1. Get IP Automatically

If your ISP uses the Dynamic Host Configuration Protocol (DHCP) to assign an IP address, subnet mask, default gateway and DNS addresses, choose this option.

WAN1 IP	IP Alias					
	IP Address Assignment Get IP Automatically (DHCP) V					
	IP Address 192.168.17.132/255.255.255.0 Gateway IP 192.168.17.254					
	O Get DNS Automatically					
	⊙ DNS IP Address					
		Primary DNS 168.95.1.1				
	Secondary DNS 0.0.0					
		Routing Protocol	None 💌			
		OSPF Area ID				
		Apply	Reset			

2. Fixed IP Address

If your ISP has assigned you an IP address that will never change, choose this option. When this option is chosen, the following fields appear to allow you to enter the network address information. The example shows that the ISP assigns an IP 61.2.1.1, a netmask 255.255.255.248, a default gateway 61.2.1.6, and DNS (168.95.1.1).

WAN1 IP	IP Alias							
		IP Addres	s Assignment <mark>F</mark>	ixed IP Addres	S	~		
		IP Address 61.2	2.1.1	Subnet Mask	255.255	5.255.248		
		Gateway IP 61.	2.1.6]				
			⊙ DNS IP Addre	ss				
		1	Primary DNS	168.95.1.1				
			Secondary DNS	0.0.0.0				
		I	Routing Protocol	None	~			
		(OSPF Area ID					
			Apply	Reset				

3. PPPoE

If your ISP uses Point-to-Point Protocol over Ethernet (**PPPoE**), choose this option. When this option is chosen, the following fields appear to allow you to enter the related account information.

NAN1 IP	IP Alias					
		IP Addres	ss Assignment	PPP over Ethernet	M	
	Service Name			(Optional)		
		User Name	123456@hinet	net		
		Password	•••••			
			O Get DNS A	utomatically dress		
			Primary DNS	168.95.192.1]	
			Secondary DN	S 168.95.1.1]	
		IF	Co Address 220.1	onnected 136.225.33/255.255.255	5.0	
		0		Disconnect		
			Apply	Reset		

IP Address Assignment	FIELD	DESCRIPTION
Get IP	Get DNS Automatically or DNS IP Address	Get DNS Automatically → Get DNS related information from DHCP Server DNS IP Address → manually specify these Primary and Secondary DNS Server information
(DHCP)	Routing Protocol	Determine to enable the dynamic routing protocol, to receive RIP message, to send out the RIP message if the RIP message is received or not.
Fixed IP Address	IP Address / Subnet Mask	Specified IP address and subnet mask
11001055	Gateway IP	Default gateway IP address
	DNS IP	Specified Primary and Secondary DNS
	Audress	Server address

	Routing Protocol	Determine to enable the dynamic routing protocol, to receive RIP message, to send out the RIP message if the RIP message is received or not.
	OSPF Area ID	Specify OSPF area ID number
	Service Name	ISP vendor (Optional)
	User Name	The user name of PPPoE account
	Password	The password of PPPoE account
PPP over Ethernet	Get DNS Automatically / DNS IP Address	Get DNS Automatically → Get DNS related information from PPPoE ISP DNS IP Address → manually specify these Primary and Secondary DNS Server information
	Disconnect	Through click Disconnect button to disconnect PPPoE line

To simplify the initial settings of the DFL-900, the Network Address Translation is automatically configured if the NAT Basic mode is selected. Then the DFL-900 will let all private-IP traffic from the subnets of LAN/DMZ ports to access the Internet using the global IP address assigned by the ISP.

LAN Settings

The LAN Settings page allows you to modify the IP address and subnet mask that will identify the DFL-900 on your LAN. This is the IP address you will enter in the URL field of your web browser to connect to the DFL-900. It is also the IP address that all of the computers and devices on your LAN will use as their Default Gateway.

LAN1 Status	IP Alias						
		LAN1	ТСР/ІР				
		IP Address 192.168.40.254	^D Subnet Mask 255.255.255.0				
	DHCP Setup						
		🗹 Enable DHCP Server	r				
		IP Pool Starting Address	192.168.40.100				
		Pool Size(max size: 253)	20				
		Primary DNS Server	192.168.40.254				
		Secondary DNS Server	0.0.0.0				
		Lease time(sec)	7200				
		Routing Protocol No	ne 💌				
		Apply	Reset				

IP Address – this is the IP address that will be assigned to the LAN port. The default is 192.168.1.254 with a subnet mask of 255.255.255.0.

IP Subnet Mask – this is the subnet mask corresponding to the LAN port's IP address, above. The default is 255.255.255.0.

The IP address assigned to the DFL-900 here, must be on the same subnet (be within the same IP address range) specified on the **DHCP Servers**. The DHCP Server fields allow you to configure the DFL-900 to be a DHCP Server on your LAN. The DFL-900 can then automatically assign IP addresses, subnet masks, default gateway and DNS server addresses to computers on your LAN. The computers on your LAN must have a DHCP client enabled to get their network address information from the DFL-900.

IP Pool Starting Address – the first IP address of the range from which the DFL-900 will assign to each of the computers on your LAN.

Pool Size – the number of IP addresses which the DFL-900 will assign to the computers on you LAN.

FIELD	DESCRIPTION	Range / Limitation
IP Address	LAN port IP address	IPv4 format
IP Subnet Mask	LAN port IP subnet mask	netmask format
Enable DHCP Server	Enable LAN port of the DHCP Sever or not	Enable/Disable
IP Pool Starting Address	Specify the starting address of the DHCP IP address.	IPv4 format in the LAN address range
Pool Size(max size: 253)	Specify the numbers of the DHCP IP address.	1~253
Primary DNS Server	Specify the Primary DNS Server IP address of the DHCP information.	IPv4 format
Secondary DNS Server	Specify the Secondary DNS Server IP address of the DHCP information.	IPv4 format
Lease time(sec)	Specify DHCP information lease time	greater than 0
Routing Protocol	Determine to enable the dynamic routing protocol (RIP), to receive RIP message, to send out RIP message if the message is received or not.	None / RIPv1In / RIPv1In+out / RIPv2In / RIPv2In+out / OSPF
OSPF Area ID	Specify OSPF area ID number	IPv4 format or digital string (Max 9 bits)

DMZ Settings

The DFL-900 has one **DMZ** port for connecting servers that are exposed to the public Internet for accesses. The **DMZ** port is assigned an IP address of 10.1.1.254 with a subnet mask of 255.255.255.0 by default. Note that the DMZ IP address is on the 10.1.1.x subnet while the LAN ports are on the 192.168.1.x subnet by default.

DMZ1 Status	IP Alias		
		DMZ1	I TCP/IP
		IP Address 10.1.1.254	P Subnet Mask 255.255.255.0
		DHC	P Setup
		Enable DHCP Serve	ar an
		IP Pool Starting Address	10.1.1.1
		Pool Size(max size: 253) 20
		Primary DNS Server	10.1.1.254
		Secondary DNS Server	0.0.0.0
		Lease time(sec)	7200
		Routing Protocol No OSPF Area ID Apply	ne Reset

IP Address – this is the IP address that will be assigned to the DMZ port. The default is 10.1.1.254 with a subnet mask of 255.255.255.0.

IP Subnet Mask – this is the subnet mask corresponding to the DMZ port's IP address, above. The default is 255.255.255.0.

The IP address assigned to the DFL-900 here, must be on the same subnet (be within the same IP address range) specified on the **DHCP Servers**. The DHCP Server fields allow you to configure the DFL-900 to be a DHCP Server on your DMZ. The DFL-900 can then automatically assign IP addresses, subnet masks, default gateway and DNS server addresses to computers on your DMZ. The computers on your DMZ must have a DHCP client enabled to get their network address information from the DFL-900.

IP Pool Starting Address – the first IP address of the range from which the DFL-900 will assign to each of the computers on your DMZ.

Pool Size – the number of IP addresses which the DFL-900 will assign to the computers on you DMZ.

FIELD	DESCRIPTION	Range / Limitation
IP Address	DMZ port IP address	IPv4 format
IP Subnet Mask	DMZ port IP subnet mask	netmask format
Enable DHCP Server	Enable DMZ port of the DHCP Sever or not	Enable/Disable
IP Pool Starting Address	Specify the starting address of the DHCP IP address.	IPv4 format in the DMZ address range
Pool Size(max size: 253)	Specify the numbers of the DHCP IP address.	1 ~253
Primary DNS Server	Specify the Primary DNS Server IP address of the DHCP information.	IPv4 format
Secondary DNS Server	Specify the Secondary DNS Server IP address of the DHCP information.	IPv4 format
Lease time(sec)	Specify DHCP information lease time	greater than 0
Routing Protocol	Determine to enable the dynamic routing protocol (RIP), to receive RIP message, to send out RIP message if the message is received or not.	None / RIPv1In / RIPv1In+out / RIPv2In / RIPv2In+out / OSPF
OSPF Area ID	Specify OSPF area ID number	IPv4 format or digital string (Max 9 bits)

Virtual Server Settings

Virtual Servers are computers connected using the **DMZ** port. They act as servers to provide services to your LAN ports or other Internet users on the WAN ports. The Virtual Server setting page maps one global IP address – an IP address that is valid on the Internet, usually assigned by your ISP – to one local IP address from the IP address range assigned to the DFL-900's **DMZ** port. The default DMZ IP address is 10.1.1.254, so the servers' IP must range from 10.1.1.1 to 10.1.1.253, with a subnet mask of 255.255.255.0.



Figure 2 Internet host connects to the Virtual Server behind DFL-900.

As the above Figure 2 illustrated, the server 10.1.1.5 provides FTP service and is located on the DMZ region behind DFL-900. By this way, DFL-900 will act as a Virtual Server role which redirects the packets to the real server 10.1.1.5. And you can announce to the internet users that the ftp server ip/port is 61.2.1.1/44444. So, all of the internet users can connect the 61.2.1.1/44444 to get ftp service.

An example virtual server: Customize the rule name as the ftpServer. For any packets with its destination IP equaling to the WAN1 IP (61.2.1.1) and destination port equaling to 44444, ask DFL-900 to translate the packet's destination IP/port into 10.1.1.5/21. Check the Passive FTP client at this port to maximize the compatibility of the FTP protocol. This is useful if you want to provide connectivity to passive FTP clients. For passive FTP clients, the server will return them the private IP address and the port number for them to connect back to do data transmissions. Since the private IP from them cannot be routed to our zone, the data connections would fail. After enabling this feature, the DFL-900 will translate the private IP/port into an IP/port of its own. Thus the problem is gracefully solved.

Another point is to be sure to check "Auto update to Firewall/NAT rules when you

Apply this page?". Then, the virtual server rule will add Firewall/NAT rules automatically. Click Apply to proceed.

<u>Status</u>	NAT Rules	Virtual Servers				
/irtual	Server->Edit R	ules->Insert				
			Insert a	new Virtual Ser	ver rule	
	Status					
	🔽 Activ	ate this rule				
		Rule name:	ftpServer			
	Conditio	n				
	Sessions	s from Interne	t connecting t	VVAN1 🗾		
		External IP:	61.2.1.1			
		Service:	TCP 💌			
				Type 💿 Sing	le 🤆 Range	Ú.
			Des	st. Port: 44444	Passiv	e FTP client?
				to 🛛	-	
			Well known p	ort FTP (21)	Copy To Dest. Port
	Action					
	Redirect	to internal s	erver under D	MZ1 💌		
		Internal IP:	10.1.1.5	Port: 21		
	🔽 Auto	update to Fi	rewall rules w	hen you Apply t	nis page?	
	I Auto Note: Ch up an 1- the actu automat	update to N neck this if yo to-1 NAT rule al WAN IP. N ically change	AT rules when ur virtual serve for that server ote that if your the NAT into	you Apply this p er is mapped to . Thus, the serve NAT is in Basic Full Feature Mo	age? an aliased W ar will use th Mode, check de.	AN IP, you need to set e aliased IP instead of ing this will
			Back	Apply	Reset	1
		_				

	FIELD	DESCRIPTION	
Status	Activate this rule	The Virtual Server rule is enabled or not	
Status	Rule name	The Virtual Server rule name	
	Sessions from Internet connecting to	Which interface does the connected session come from?	
Condition	External IP	The public IP address of the Virtual Server.	
	Service	TCP or UDP protocol	
	Туре	Port is Single or Range	
	Dest Port	The port number in the internet.	
	Passive FTP client?	If the Passive FTP client is checked, it will connect to the internal DMZ FTP server of DFL-900 when FTP client uses passive mode. Otherwise, it will not work.	

	Redirect to internal server under	The subnet which is located the virtual server.
	Translated dest IP	The IP address which is actually transferred to the internal DMZ
	Translated dest port	The port number which is actually transferred to the internal DMZ.
Action	Auto update to Firewall rules when you Apply this page?	If you checked this, it will add a Firewall rule automatically when you add a virtual server rule.
	Auto update to NAT rules when you Apply this page?	If you checked this, it will add a NAT rule automatically when you add a virtual server rule.

APPENDIX

To assign a Static IP address to the Ethernet adapter, please do the following steps. The examples below are using a DFE-530TX+ in Microsoft Windows XP, and Mac OS X.

Note: Screens in other Operating Systems will look a bit different, but the steps are the same.



	🕹 Local Area Connection Properties 🛛 🛛 🛛 🔀
For Microsoft Windows XP:	General Authentication Advanced
Go to Start > right click on	
My Network Places >	
select Properties > Double-click on	B U-LINK UFE-53UTX+ PULAdapter #2
the Network Connection associated	Configure
with the Ethernet adapter (i.e.,	This connection uses the following items:
D-Link DFE-530TX+).	Client for Microsoft Networks
	 End File and Printer Sharing for Microsoft Networks QoS Packet Scheduler
Click Internet Protocol (TCP/IP)	✓ Thternet Protocol (TCP/IP)
	Install
Click Properties	Description
Concil Toperties	network.
	Show icon in notification area when connected
	UK
	Internet Protocol (TCP/IP) Properties
Select Use the following IP address	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Dbtain an IP address automatically Use the following IP address:
Select Use the following IP address	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Dbtain an IP address automatically Use the following IP address: IP
Select Use the following IP address	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Unterwise, you need to ask your network administrator for the appropriate IP settings. Obtain an IP address automatically Obtain an IP address: IP address: IP address: Subnet mask:
Select Use the following IP address	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. O Dotain an IP address automatically O Use the following IP address: IP address: ISubnet mask: Default gateway:
Select Use the following IP address Enter the following: IP address: 192.168.1.1	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Obtain an IP address automatically Obtain an IP address: IP address IP address IP address Default gateway:
Select Use the following IP address Enter the following: IP address: 192.168.1.1 Subnet mask: 255.255.255.0	Internet Protocol (TCP/IP) Properties
Select Use the following IP address Enter the following: IP address: 192.168.1.1 Subnet mask: 255.255.255.0	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Dbtain an IP address automatically Use the following IP address: IP address: Default gateway: Default gatew
Select Use the following IP address Enter the following: IP address: 192.168.1.1 Subnet mask: 255.255.255.0	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Dbtain an IP address automatically Use the following IP address: I 255.255.255.0 Default gateway: Default gateway: Default gateway: Use the following DNS server addresses: Preferred DNS server: 168.95.1.1 Default gateway: Defau
Select Use the following IP address Enter the following: IP address: 192.168.1.1 Subnet mask: 255.255.255.0	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Obtain an IP address: Dbtain an IP address: IP address: Use the following IP address: Subnet mask: Default gateway: Obtain DNS server address automatically Obtain DNS server address sutomatically Obtain DNS server: Ise the following DNS server: Alternate DNS server:
Select Use the following IP address Enter the following: IP address: 192.168.1.1 Subnet mask: 255.255.255.0	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Obtain an IP address: IP address: IP address: Subnet mask: Obtain DNS server address automatically Obtain DNS server: IS getered DNS server: IS yes the following DNS server: Advanced
Select Use the following IP address Enter the following: IP address: 192.168.1.1 Subnet mask: 255.255.255.0	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Obtain an IP address automatically • Use the following IP address: IP address Use the following IP address: Default gateway: • Obtain DNS server address automatically • Use the following DNS server addresses: Preferred DNS server: 168.95.1.1 Alternate DNS server: Advanced
Select Use the following IP address Enter the following: IP address: 192.168.1.1 Subnet mask: 255.255.255.0	Internet Protocol (TCP/IP) Properties General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. Obtain an IP address automatically Obtain an IP address automatically Default gateway: Obtain DNS server address automatically Obtain DNS server: Referred DNS server: Alternate DNS server: Advanced DK Cancel





Technical Support

You can find software updates and user documentation on the D-Link website.

D-Link provides free technical support for customers within the United States and within Canada for the duration of the warranty period on this product.

U.S. and Canadian customers can contact D-Link technical support through our website, or by phone.

Tech Support for customers within the United States: D-Link Technical Support over the Telephone:

(877) 453-5465 24 hours a day, seven days a week.

D-Link Technical Support over the Internet: http://support.dlink.com

email:support@dlink.com

Tech Support for customers within Canada:

D-Link Technical Support over the Telephone: (800) 361-5265 Monday to Friday 8:30am to 9:00pm EST

D-Link Technical Support over the Internet: http://support.dlink.ca email:support@dlink.ca

Tech Support for customers within the United Kingdom & Ireland:

D-Link UK & Ireland Technical Support over the Telephone:

+44 (0)20 7365 8440 (United kingdom) +353 (0)12 421 061 (Ireland) Monday to Friday 8:00 am to 10:00 pm

D-Link Technical Support over the Internet: http://www.dlink.co.uk



Technische Unterstützung

Aktualisierte Versionen von Software und Benutzerhandbuch finden Sie auf der Website von D-Link.

D-Link bietet kostenfreie technische Unterstützung für Kunden innerhalb Deutschlands, Österreichs, der Schweiz und Osteuropas.

Unsere Kunden können technische Unterstützung über unsere Website, per E-Mail oder telefonisch anfordern.

Web: http://www.dlink.de E-Mail: support@dlink.de Telefon: 00800 7250 4000

Telefonische technische Unterstützung erhalten Sie montags bis donnerstags von 08.00 bis 19.00 Uhr, freitags von 08.00 bis 17.00 Uhr.

Wenn Sie Kunde von D-Link außerhalb Deutschlands, Österreichs, der Schweiz und Osteuropas sind, wenden Sie sich bitte an die zuständige Niederlassung aus der Liste im Benutzerhandbuch.



Assistance technique

Vous trouverez la documentation et les logiciels les plus récents sur le site web **D-Link**.

Le service technique de **D-Link** est gratuit pour les clients aux Etats-Unis durant la période de garantie.

Ceuxci peuvent contacter le service technique de **D-Link** par notre site internet ou par téléphone.

Assistance technique D-Link par téléphone : 0 820 0803 03

Assistance technique D-Link sur internet : Web :http://www.dlink.fr E-mail :support@dlink.fr



Asistencia Técnica

Puede encontrar el software más reciente y documentación para el usuario en el sitio web de **D-Link** . **D-Link** ofrece asistencia técnica gratuita para clientes dentro de España durante el periodo de garantía del producto. Los clientes españoles pueden ponerse en contacto con la asistencia técnica de **D-Link** a través de nuestro sitio web o por teléfono.

Asistencia Técnica de D-Link por teléfono: 93 409 0775

de lunes a viernes desde las 9:00 hasta las14:00 y de las 15:30 hasta las 18:30

Asistencia Técnica de D-Link a través de Internet: <u>http://www.dlink.es/supporto/main/view.html</u> email: <u>soporte@dlink.es</u>



Supporto tecnico

Gli ultimi aggiornamenti e la documentazione sono disponibili sul sito D-Link.

Supporto tecnico per i clienti residenti in Italia

D-Link Mediterraneo S.r.L.

Via N. Bonnet 6/B 20154 Milano

Supporto Tecnico dal lunedì al venerdì dalle ore 9.00 alle ore 19.00 con orario continuato Telefono: 02-39607160

> URL : http://www.dlink.it/supporto.html Email: tech@dlink.it



Техническа поддержка
Вы можете найти последнюю версию програмного обеспечения и документацию по продуктам на сайте D-Link
D-Link обеспечивает бесплатную техническую поддержку клиентов в течение гарантийного срока изделия.
Клиенты могут связаться со службой технической поддержки D-Link через наш web-сайт, или по телефону.
Телефоны службы технической поддержки D-Link: +7 (095) 744 00 99
Техническая Поддержка D-Link через Internet: support@dlink.ru



友冠技術支援

台灣地區用戶可以透過我們的網站,電子郵件或電話與 友冠資訊技術支援人員聯絡。

支援服務時間從

週一到週五,上午 8:30 a.m. 到 7:00 p.m

Web: http://www.dlinktw.com.tw/ FAQ: http://www.dlinktw.com.tw/suppFaq.asp Email: dssqa@dlinktw.com.tw

Phone: 0800-002-615

如果您是台灣地區以外的用戶,請參考使用手冊

