D-Link®

DI-704P

This Internet Gateway connects to a DSL or cable modem. 4 10/100Mbps ports are on the back. Print Server function is built-in.

Cable/DSL Router With Built-in 4-Port Switch + Print Server

The DI-704P is an Internet Gateway designed to connect a SOHO or a home to the Internet via a broadband ADSL or cable modem. It allows your entire network to share an ADSL or cable line and a single ISP account to access the Internet simultaneously. With firewall and built-in LAN switch ports, this all-in-one device not only protects your PCs against intruders, it also saves you money while enhancing your LAN workgroup's performance.

ISP Account Sharing

With a single ISP account, your entire network can logon to the Internet. The device's built-in DHCP server function and Network Address Translator (NAT) automatically create and assign IP addresses for all network users, simplifying users' logon operation while saving you the cost of keeping individual ISP accounts.

ADSL or Cable Broadband Sharing

Your entire network can access the Internet through a single ADSL or cable connection. Your office needs only one ADSL or cable line, opened to office workers to logon to the Internet 24 hours a day. The DI-704P provides a 10BASE-T port for ADSL/cable modem connection.

Protection Against Outsiders

The DI-704P provides 2 levels of security support. First, it makes your office workers' IP addresses from others on the Internet, making it more difficult for a hacker to target a computer on your network. Second, it can block and re-direct certain ports to limit the services that outside users can access.

Virtual Server Mapping

Virtual Server can be used to re-task services to multiple servers. The DI-704P can be set to allow separate FTP, Web, and Multiplayer game servers to share the same Internet-visible IP address while still protecting the servers and local users from hackers.

VPN Support

The DI-704P provides special support for common VPN implementations including PPTP (Point to Point Tunneling Protocol). It supports multiple PPTP sessions and allows setup of VPN server and VPN clients.

User-definable application Sensing Tunnel

The administrator can define the attributes to support special applications requiring multiple connections, such as Internet gaming, video conferencing, and Internet telephony.

DMZ Host Support

A DMZ setting can be applied to a single client behind the DI-704P to expose it to the Internet and ensure complete Internet application compatibility even if specific ports are not known.

Cost-saving With 4 Built-in Switched Ports

This device comes with 4 built-in 10/100Mbps switched ports, each providing a LAN bandwidth for office workers and game players. This saves you both the cost of purchasing a separate LAN switch and the trouble of installing it.

Built-in Print Server Supporting IP Protocol

You can directly attach a parallel printer to the built-in printer port to share this printer out. Fast Ethernet users can print web pages and other files on this printer.

Features

- *1 10BASE-T port for cable or ADSL modem connection*
- *4 built-in 10/100Mbps switched ports with flow control and NWay auto-negotiation support*
- *NAT, DHCP support*
- *Built-in Print Server*

- *Multiple VPN PPTP sessions, DMZ host support*
- *Firewall protection against Internet intruders*
- *Control of LAN users' Internet access rights*
- *Web-based configuration*

DI-704P

Technical Specifications

WAN
Number of ports
1.0 specifications

Modem Support
- Network Address Translator Protocol
- DHCP server

VPN Support
- Multiple PPTP sessions
- DMZ host

LAN
Standards
- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3U 100BASE-TX Fast Ethernet
- ANSI/IEEE 802.3 NWay auto-negotiation
- IEEE 802.3x full-duplex flow control

LAN Protocol
CSMA/CD

Topolgy
Star

Number of LAN Ports
(Built-in switched ports)
RJ-45 10BASE-T/100BASE-TX port x 4

Data Transfer Rates
- Ethernet:
  10Mbps (half duplex)
  20Mbps (full duplex)
- Fast Ethernet:
  100Mbps (half duplex)
  200Mbps (full duplex)

Network Cables
- 10BASE-T:
  1-pair UTP Cat. 3, 4, 5 (100 m)
  EIA/TIA-586 100-ohm STP (100m)
- Fast Ethernet:
  UTP Cat. 5 (100 m max.)
  EIA/TIA-586 100-ohm STP (100m max.)

LAN Packet Switching Method
Store-and-forward

MAC Address Filtering Table
IK entries per device

MAC address Learning
Automatic update

Packet Filtering/Forwarding Rates (half duplex)
- Ethernet: 14,880 pps per port
- Fast Ethernet: 148,810 pps per port

RAM Buffer
32KB x 32 SRAM per fevice

Administration & Configuration
Print Server
Supported Protocol IP

Printer Port
1 DB-25 parallel printer Port

Ordering Information

Internet Gateway With Built-in Switch & Print Server
DI-704P   1 10BASE-T port (for ADSL/cable modem connection)
4 10/100Mbps LAN switch ports
1 parallel printer port

For external universal switching AC power supply's connector type, please specify one of the following after the model number:

/A   For U.S.A., Taiwan and Japan
/B   For U.K.
/E   For Europe
/N   For Australia and China
/U   Includes no AC power supply

D-Link®

U.S.A.	TEL: 1-949-788-0805	FAX: 1-949-753-7033
Canada	TEL: 1-905-829-5033	FAX: 1-905-829-5095
Europe	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
U.K.	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-61- 96779900	FAX: 49-61-967799300
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India	TEL: 91-22-652-6696	FAX: 91-22-652-8914
Middle East	TEL: 202-6356176	FAX: 202-6356192
South America	TEL: 56-2-232-3185	FAX: 56-2-232-0923
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