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D-Link DI-704P Ethernet Broadband Router Specifications And Datasheet

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D-Link DI-704P Ethernet Broadband Router

Product Description

Internet Gateway With Built-in Switch Ports and Print Server
The DI-704P Internet server is an Internet Gateway designed to connect an SOHO or 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 a 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 log on 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 log on 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 masks 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 Servers 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 the setup of VPN servers 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.

Key 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

Technical Specifications

WAN

- **Number of Ports:** 1.0 specifications

Modem Support

- ADSL modem
- Cable modem

Internet 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
- **Topology**
  - 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 (100 m)
- **100BASE-TX:**
    - UTP Cat. 5 (100m max.)
    - EIA/TIA-568 100-ohm STP (100m max.)
- **LAN Packet Switching Method**
    - Store-and-forward
- **MAC Address Filtering Table**
    - 1K 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 device

Administration & Configuration

- **Console Port**
    - RS-232 DB-9
- **Print Server**
    - Supported Protocol IP
- **Printer Port**
    - 1 DB-25 parallel printer Port

Ordering Information

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

Support

FAQs

What is the D-Link DI-704P Ethernet Broadband Router?

The D-Link DI-704P is an Ethernet Broadband Router designed to provide networking and internet-sharing capabilities for multiple devices in a home or small office environment.

What are the key features of the DI-704P router?

The DI-704P router typically includes features such as multiple LAN ports, firewall protection, NAT (Network Address Translation), DHCP server support, and print server capabilities.

How many LAN ports does the DI-704P router have?

The DI-704P router typically has four LAN (Local Area Network) ports, allowing you to connect multiple wired devices to the network.

Does the DI-704P router support wireless connections?

No, the DI-704P router is typically a wired router and does not have built-in Wi-Fi capabilities. It focuses on providing wired network connectivity.

What is NAT (Network Address Translation), and why is it important?

NAT is a network technology that allows multiple devices on a local network to share a single public IP address for accessing the internet. It provides security and helps conserve public IP addresses.

Can I connect a printer to the DI-704P router for network printing?

Yes, the DI-704P router often includes a built-in print server, which allows you to connect a printer to the router and share it across the network.

What is firewall protection, and how does it work in the DI-704P router?

Firewall protection is a security feature that helps block unauthorized access and threats from the internet. The DI-704P router typically includes a firewall to enhance network security.

Is the DI-704P router compatible with both Windows and Mac operating systems?

Yes, the DI-704P router is often compatible with both Windows and Mac operating systems, making it versatile for different users.

How do I configure the DI-704P router for my network?

You can configure the DI-704P router through a web-based interface. Simply access the router's IP address from a web browser, log in, and follow the setup wizard and settings menus.

What is the warranty coverage provided with the DI-704P router?

The D-Link DI-704P Ethernet Broadband Router typically comes with a warranty of Limited Lifetime from the date of purchase.

Is the DI-704P router suitable for small businesses?

The DI-704P router is primarily designed for home and small office use. For larger networks or advanced business needs, D-Link offers more advanced routers.

Can I set up virtual private network (VPN) connections with the DI-704P router?

Yes, the DI-704P router often supports VPN passthrough, allowing you to use VPN connections for secure remote access to your network.

References: [D-Link DI-704P Ethernet Broadband Router – Device.report](#)