



Internet gateway with 7 10/100Mbps switch ports and print server port (on the back side) and network security functions.

Cable/DSL Router With Built-in 7-Port Switch + Print Server

The DI-707P 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 a DSL or cable line and a single ISP account to access the Internet simultaneously. With NAT 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.

DSL or Cable Broadband Sharing

Your entire network can access the Internet through a single ADSL or cable connection. Your office needs only one DSL or cable line, opened to office workers to logon to the Internet 24 hours a day. The DI-707P provides a 10/100Mbps port for DSL/cable modem connection.

Protection Against Outsiders

The DI-707P 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-707P 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-707P provides special support for common VPN implementations including PPTP (Point to Point Tunneling Protocol) and IPSec. 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-707P to expose it to the Internet and ensure complete Internet application compatibility even if specific ports are not known.

Cost-saving With 7 Built-in Switched Ports

This device comes with 7 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

- 10/100Mbps port for cable or DSL modem connection
- 7 built-in 10/100Mbps switch ports with flow control and NWay auto-negotiation support
- NAT, DHCP support
- Built-in print server
- Multiple VPN PPTP, IPSec sessions, DMZ host support
- Firewall protection against Internet intruders
- LAN users' Internet access control through time scheduling & URL filtering
- Web-based configuration

DI-707P

Technical Specifications

Broadband Router

Router

WAN Interface

- RJ-45 10BASE-T/100BASE-TX port
- Supports DSL and cable modem connection
- Supports "Always-on" (bridged) and PPPoE for PPP connection on demand

LAN Interface

7 RJ-45 10BASE-T/100BASE-TX switch ports

Routed Packet Type

IP packets

Routing Protocols & Methods

- RIP-1, RIP-2 *
- Static Routing
- Dynamic Routing

VPN Support

VPN PPTP /IPSec

Internet Gateway Functions

- Network Address Translation (NAT)
- DHCP server (for automatic IP assignment)

Number of Virtual Server Mappings

10 entries

IP Number Self-identification

Through DHCP client

Configuration & Management

- Web-based configuration
- SNMP agent with built-in MIB-II
- UPnP support

Firmware Upgrade

Through TFTP

Memory

- Buffer: 32Mbytes DRAM
- Firmware: 256Kbytes Flash

Security

PPP Authentication

PAP, CHAP, MS-CHAP

Firewall/Security Functions

- Access-list control
- Domain filtering
- URL filtering
- Packet filtering
- Ping of Death
- IP spoofing
- Intrusion detection
- Network access rules
- Time Scheduling
- Log file of security events

Built-in Fast Ethernet Switch Standards

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- ANSI/IEEE 802.3 NWay auto-negotiation

Supported Functions

- Full/half duplex (per port)
- Auto MDI/MDI-X (per port)

Flow Control

- IEEE 802.3x Flow Control in full-duplex
- Back pressure in half-duplex

Transmission Method

Store-and-forward

MAC Address Learning

Automatic update

Built-in Print Server

Printer Interface

DB-25 parallel printer port

OS Support

- Windows 95, 98, NT, 2000, ME, XP
- MacOS
- Linux

Physical & Environmental

Diagnostic LEDs

- Power (per device)
- Link/Activity (per port)
- Speed 10/100Mbps (per port)

Power Supply

- DC 5V 2.0A input
- Through external AC power adapter

Dimensions

235 (W) x 161.9 (D) x 120 (H) mm

Weight

Approx. 587 grams

Operating Temperature

0° - 55°C (32° - 131°F)

Humidity

95% maximum non-condensing

EMI Certification

- FCC Class B
- CE Class B
- C-Tick

* RIP-2 supported in next version

Ordering Information

Broadband Internet Gateway

DI-707P 1 RJ-45 10BASE-T/100BASE-TX port
(for DSL/cable modem connection)
7 RJ-45 10BASE-T/100BASE-TX switch ports
1 parallel printer port

Please specify your order as follows:

| | |
|-------------------|--|
| DI-707P/A | Includes US standard AC power adapter |
| DI-707P/B | Includes UK standard AC power adapter |
| DI-707P/E | Includes EU standard AC power adapter |
| DI-707P/CN | Includes China standard AC power adapter |
| DI-707P/N | Includes Australia standard AC power adapter |
| DI-707P/U | Includes no AC power adapter |

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