



DI-304

All-in-one functions: the remote router with 1 ISDN WAN port, 4 10/100Mbps LAN switched ports. The switched ports permit instant connection to 4 hubs, workstations and servers.

ISDN Router With Built-in LAN Switch for SOHO

With D-Link's SOHO router, gaining the power and speed of ISDN for the network has never been simpler and more cost-efficient. This router is the complete solution for ISDN. Applications such as Internet/Intranet access, Wide Area Networking, Electronic Commerce and Remote Network Access are just some of the benefits this device can add to the network.

High-Speed Remote Access

The router provides 1 BRI with 2 channels, each transmitting at 64Kbps. With data compression, transmission speed can be increased significantly, giving the SOHO or branch office the ideal high-speed Internet access.

Remote User Support

The router provides remote network access through ISDN. This allows for 2 users to login simultaneously from 2 different locations.

Network Address Translator (NAT)

The router comes with Network Address Translator (NAT) which allows the network to support a large number of users from a single shared IP address for cost savings and enhanced security.

Robust Security Features

Many security features are added to provide a secured network environment. Features such as passwords for the system management terminal, PAP, CHAP protocols for remote access users, and firewall filtering for access control are provided. (Up to 8 passwords protect accounts for remote administrators. RADIUS provides a solution to centralizing authentication for remote access.)

4 Built-in 10/100Mbps Switched Ports

The router has 4 auto-sensing Ethernet/Fast Ethernet switched ports built into it to provide SOHO users with an all-in-one solution for Internet connection. The built-in LAN switch saves users the time and trouble of purchasing and installing a separate switch. 4 hubs, workstations and servers can directly connect to the router.

Features

- 1 ISDN S/T interface, 4 10/100Mbps LAN switched ports
- IP routing
- Local and remote configuration via Telnet
- NAT, DNS/DHCP server
- IP pool with dynamic IP address assignment for remote users
- Allows simultaneous connections to 2 remote locations
- Dial-on-demand with IP spoofing
- PPP/MP protocol for 128Kbps ISDN connection
- PAP/CHAP authentication protocols
- Hi/fin™ LZS (Stac®) compression
- SNMP manageable
- Upgradable flash EPROM firmware
- RIP-1, RIP-2, RADIUS

LAN**Standards**

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

Data Transfer Rates

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

Network Cables

- 10BASE-T:
 - 2-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-568B 100-ohm STP (100m max.)

Number of Ports

4 10/100Mbps switched ports

LED Readout

- Device: Power, Status
- ISDN port: Link, B1, B2
- Per LAN port: Link/Act, 10/100Mbps speed

WAN**WAN Protocols**

Standard PPP/Multi-link PPP
PPPoE/PPTP

ISDN Interface

- 1 ISDN BRI port:
- 64Kbps B channel x 2
 - 16Kbps D channel x 1

ISDN network Compatibility

- Standard BRI S/T interface
- Switch type: DSS-1

Data Compression

Hi/fnTM LZS (Stac)

Routing**IP Packet Routing**

- TCP/IP with RIP-1 and RIP-2, static routing, default routing
- IP spoofing

Other Protocols

- UDP, TCP, NAT, DHCP, ICMP, ARP

Management**Standards**

- SNMP
- MIB-II

Security

- PAP and CHAP
- Firewall filtering
- Administrative password
- RADIUS

Others

- Built-in diagnostic tools
- Configuration backup and restore
- TFTP firmware upgradable

Physical & Environment**Power Input**

Through external AC power adapter, 18VAC 1A unregulated or regulated

Operating Temperature

0° - 50° C (32° - 122 °F)

Storage Temperature

-25° - 55° C (-3° - 131 °F)

Humidity

5% - 95% non-condensing

Dimensions

224 x 132 x 35 mm

Weight

470 grams

Emissions (EMI)

- CE Class B
- C-Tick

**Ordering Information****Remote Router**

DI-304 1 ISDN S/T port, 4 10/100Mbps switched ports, IP routing

* S/T interface requires external NT-1 device

** ISDN interface differs according to countries, please specify
Your country code as follows:

/UK for UK
/DE for Germany
/AU for Austria
/CN for China
/TW for Taiwan

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