



DI-206 features 1 ISDN interface, 6 Ethernet ports, 2 analog ports for voice and fax, IP routing, and bandwidth-on-demand/Internet NAT cost-saving features.

ISDN Router with Built-in Hub for SOHO Networks

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 Internet Access

When the network needs quality Internet access, this remote router provides the ideal high speed Internet access solution for your branch office or SOHO. ISDN is over two times faster than a normal modem connection. The router also supports bandwidth-on-demand (BONDing), which automatically hangs up the line when there is no traffic, thereby eliminating for users the unused phone charge.

Remote User Support

The remote router provides remote network access through ISDN. This allows for two users to login simultaneously from two different locations. Administrators can create an IP pool with dynamic IP assignment for remote users as needed. Remote users are free to choose from Win95/98, NT and/or software packages that allow for PPP support.

Network Address Translator (NAT)

The remote router supports 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 provide a secure network environment. Features such as password protection for the system management terminal, PAP, CHAP protocols are supported for remote access users, and customizable firewall filtering for controlled access to and from the network. Up to 8 password protect accounts for remote administrators, which allow for network control via Telnet. RADIUS provides a solution to centralizing authentication for remote access.

Built-in Ethernet Hub

The router has 6 Ethernet hub ports built into it to provide the small office users an all-in-one solution for Internet connection. The built-in hub feature saves users the time and trouble of purchasing and installing a separate hub by allowing 6 separate workstations to directly connect to the router.

Key Features

- ISDN interface, 6 Ethernet LAN ports, 2 analog POTS
- IP packet routing
- Network Address Translator support
- IP pool with dynamic IP assignment for remote users
- Simultaneous connection to 2 locations allowed (via 2 B channels)
- Bandwidth-on-demand with BACP/BAP.
- PPP, PPP-MP protocols support.
- DHCP client/relay agent
- PAP/CHAP RADIUS authentication protocols.
- ISDN leased line support
- Hi/fin™ LZS (Stac®) compression
- Built-in MIBs for SNMP management.
- Upgradable flash EPROM firmware
- TCP/IP with RIP-1 and RIP-2, Static Routing and Default Routing
- Configuration through out-of-band console port, in-band via Telnet
- Setup Wizard through Internet and WWW Server Configuration



ISDN Router with Built-in Hub

Technical Specifications

WAN

WAN Protocols

- Standard PPP/Multi-link PPP
- X.75 and V.120 B-Channel Protocols

WAN Speed

ISDN BRI up to 128,00bps.

ISDN Interface

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

ISDN network Compatibility

- Standard BRI S/T interface.
- Europe and Asia: supports DSS1, INS-NET6, NET3, EuroISDN and Taiwan DGT switches, Siemens EWSD switches.

Data Compression

- Hi/fn™ LZS (Stac®)

Protocols supported

- UDP, TCP, NAT, DHCP, BAP/BACP, ICMP, ARP, L2TP, DNS.

Security

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

Routing

IP Packet Routing

- TCP/IP with RIP and RIP-2
- Static routing
- Spoofing

LAN

Standard

IEEE 802.3 10BASE-T Ethernet

LAN Protocol

CSMA/CD

Data Transfer Rates

10Mbps (half duplex)

Network Cables

- 2-pair UTP Cat. 3. (100m)
- 4-pair UTP Cat. 4, 5 (100m)
- EIA/TIA-568 100-ohm screened twisted-pair (STP) (100m)

Number of Ports

- 6 Ethernet hub ports

Others

Number of analog POTS ports

2 RJ-11 ports

LED Readout

- Power
- Test
- ISDN: Link, B1, B2
- LAN: Col, LAN ports 5, Uplink
- Phone: 1,2

Management

Standards

- SNMP
- MIB-II

Console port

DB-9 RS-232 DCE x 1

Physical & Environment

DC Input:

Trough external AC power adapter: 18V 750mA unregulated or regulated

Power Consumption

8.5 watts max.

Ventilation

Fanless

Operating Temperature

0° -50° C (32° -122° F)

Storage Temperature

-25° - 55° C (-13° - 131° F)

Humidity

5% - 95% non-condensing

Dimensions

215mm x 163mm x 45mm
(8.46 x 6.4 x 1.77 inches)

Weight

739 grams (1.75 lb.)

Emissions (EMI)

- CE Mark (CE 0682X)

Safety

UL (UL1950)
CSA (CSA950)

Ordering Information

Remote ISDN Router

(All models come with 6 hub ports, 2 POTS ports)

DI-206	ISDN BRI (S/T interface) , 6 built-in hub ports. 2 POTS ports, IP routing
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