

Prestige 100IH

ISDN Hub Router



Bringing the power of ISDN to your LAN has never been simpler, more convenient or more cost-effective. The ZyXEL Prestige 100IH is your complete SOHO and branch office solution for ISDN applications such as corporate Internet Access, LAN-to-LAN, Telecommuting and Remote Access.

ISDN Network Compatibility

- For Europe and Asia: Supports DSS1, 1TR6, INS-NET64 and Taiwan DGT switches*
- For North America: Supports AT&T® 5ESS, Northern Telecom® DMS-100, Siemens® EWSD and IOC capability package "S" and EZ-ISDN-1
- ISDN BRI (Basic Rate Interface) - two 64Kbps B channels
- Standard BRI S/T or U interface
- ISDN Leased Line
- Feature Phone
- Prestige's Single User Account (SUA) / Network Address Translation (NAT) enables multiple users to access the Internet simultaneously while paying for one single IP address
- Using SUA and dynamic IP address assignment, Multiple Single User Account allows access to the Internet and the corporation's network at the same time. It also provides a way to store a backup configuration for an Internet account.

Protocols and Compression

- PPP/MP
- Dial-on-Demand and Bandwidth-on-Demand provides flexible bandwidth when needed
- BACP for dynamic bundling of the B channels
- Supports Stac® Data Compression
- Supported by ZyXEL Network Operating System (ZyNOS™) which provides for high level flexibility in configuration operation

LAN-to-LAN Connectivity with IP Support

- IP Protocol Routing
- RIP-2: support for authentication, routing domains, external route tags, next hop addresses, and multicasting
- "Spoofing" saves ISDN connection costs
- Compatible with Ascend, Cisco® and other ISDN routers
- Call Control Management: Black List, Call Budget, Call History

Remote User Support

- Provides dial-up support for network access via ISDN
- Allows two simultaneous connections to two different locations
- Remote users can run Windows95/NT® or any PPP package.

Network Management and Control

- Menu driven user interface for easy network management
- Local and remote console via Telnet
- DHCP (Dynamic Host Configuration Protocol) server is easy to configure and manage to IP address for DHCP client, Windows 95/NT on the LAN
- Call Detail Records feature provides efficient tracking of incoming and outgoing calls
- Flash EPROM for easy firmware upgrades
- Prestige Web Configurator (PWC) for easy setup and management

Robust Security Features

- Password Protected System Management Terminal
- PAP (Password Authentication Protocol)
- CHAP (Challenge Handshake Authentication Protocol)
- CLID (Calling Line ID)
- MS CHAP
- Call-Back with Password Protection
- Firewall Filtering for controlled access to and from your network

Physical Interfaces

- ISDN BRI S/T or U interface
- Ethernet LAN connection: 4 ports 10 Base-T Hub
- Two Analog Ports for connecting modems fax machines and other analog devices
- RS-232 Interface for local configuration and management

*Prior to purchase, please contact your local dealer/distributor for the correct version to ensure compatibility with the ISDN switches in your area.

US FCC, Canadian IC, and European CE approved. Specifications are subject to change without notice. All trademarks are the property of their respective owners.

ZyXEL Communications Corp.
6 Innovation Road II, Science-Based Industrial Park
Hsinchu, Taiwan 300, R.O.C.
Phone: 886-3-5783942 ♦ Fax: 886-3-5782439
E-mail: sales@zyxel.com.tw, support@zyxel.com.tw

ZyXEL
ACCESSING INTERNET & INTRANET

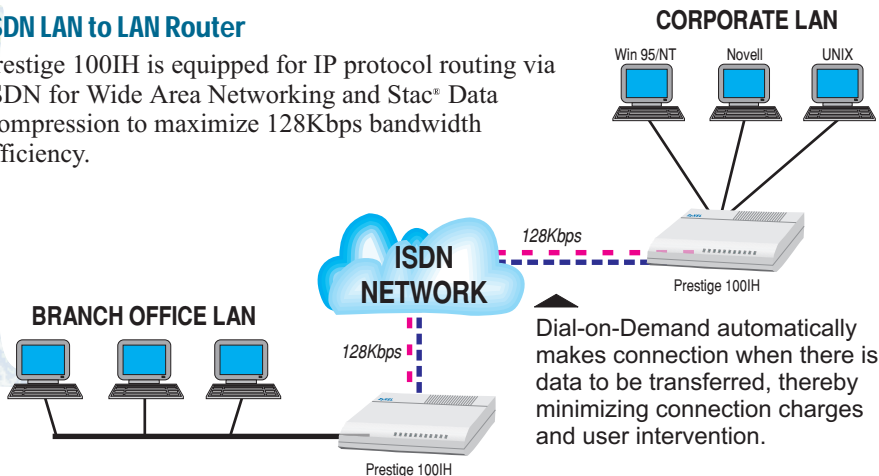
ZyXEL Communications, Inc.
4920 E. La Palma Avenue, Anaheim, CA 92807
Toll-free: 1-800-255-4101 ♦ Fax: 1-714-693-8811
E-mail: sales@zyxel.com, support@zyxel.com

Prestige 100IH

ISDN Hub Router

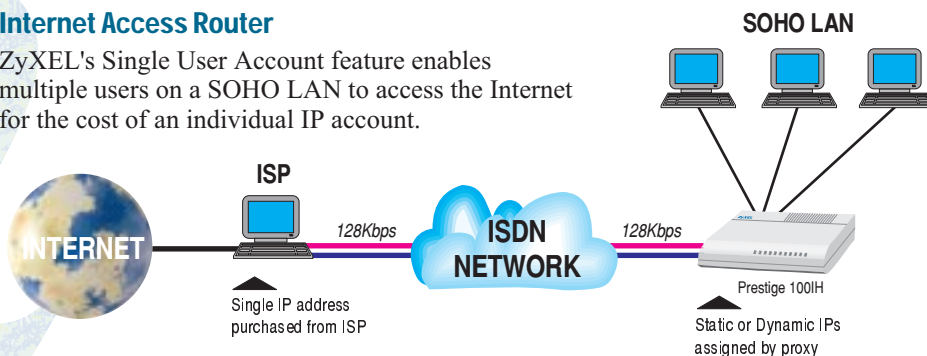
ISDN LAN to LAN Router

Prestige 100IH is equipped for IP protocol routing via ISDN for Wide Area Networking and Stac® Data Compression to maximize 128Kbps bandwidth efficiency.



Internet Access Router

ZyXEL's Single User Account feature enables multiple users on a SOHO LAN to access the Internet for the cost of an individual IP account.

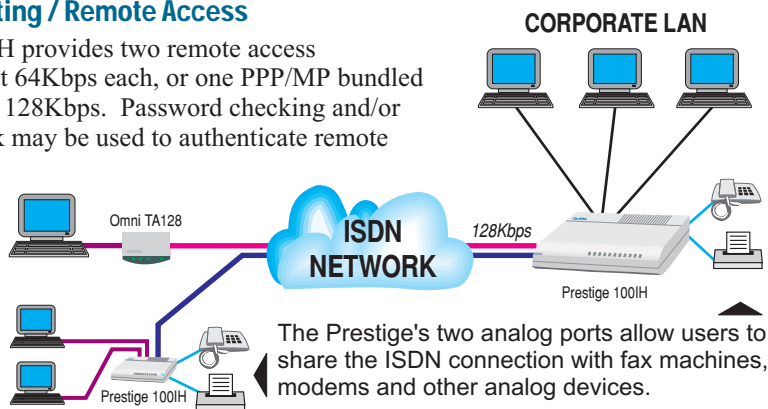


Telecommuting / Remote Access

Prestige 100IH provides two remote access connections at 64Kbps each, or one PPP/MP bundled connection at 128Kbps. Password checking and/or auto call-back may be used to authenticate remote connections.

Remote User
PPP, 64Kbps

Telecommuter
PPP, 64Kbps



ACCESSING INTERNET & INTRANET

<http://www.zyxel.com>