# Prestige 128IMH

## ISDN Remote Access Router

## Ideal for SOHO, Branch Office and Internet/Intranet Access Applications

### The ZyXEL Prestige 128IMH Remote Access Router

is the first standalone device to integrate Router, Bridge, Hub, ISDN and 56K modem into a single device, making it a totally self-contained remote access solution. Connecting small and remote offices to the corporate network has never been so simple, so complete or so inexpensive.

The Prestige 128IMH is distinguished by its multi-protocol routing, transparent bridging, spoofing, ISDN and analog remote user support, Single User Account, Stac® data compression, and extensive network management and security features.

### LAN-to-LAN Connectivity with Multiprotocol Support

■ Multiprotocol routing: IP and IPX®
■ Transparent Bridging
■ Dial-on-demand and Spoofing minimize ISDN connection costs
■ Compatible with Ascend®, Cisco® and many other ISDN routers
■ Multiple Single User Account(SUA)/ Network Address Translation(NAT):Access the Internet and the corporation's network at the same time with SUA and dynamic IP address assignment, also provides a way to store a backup configuration for an Internet account
■ RIP-2
■ Complete VPN solution with Point-to-Point Tunneling Protocol

### Remote User Support

■ Provides remote network access via ISDN or analog modems
■ Allows two simultaneous connections to two different locations
■ Remote users can use any PPP package including Windows NT® RAS and Windows® 95 Dial-up Networking
■ IP Pool:Dynamically assign IP address from pool to remote dial-in workstation
■ Proxy ARP:Allows a LAN's workstations to talk with remote dial-in users without adding a static route at each workstation

### Network Management and Control

■ Menu driven user interface for easy network management
■ Local console via RS-232 and remote console via Telnet
■ Integrated SNMP (Simple Network Management Protocol) provides the ability to monitor usage and troubleshoot from corporate site
■ Call Detail Records feature provides efficient tracking of remote usage
■ Embedded Protocol Analyzer for hassle-free troubleshooting
■ Flash EPROM for easy firmware upgrades
■ Call Control Management: Black List, Call Budget, Call History
■ Supported by ZyXEL Network Operating System(ZyNOS) which provides high level flexibillity in configuration operation
■ Prestige Web Configurator(PWC) for easy installation and configuration

### Protocols and Compression

■ PPP/MP to support 128Kbps
■ BACP/BAP for dynamic bundling of the B channels
■ Supports Hi/fn™ LZS  (Stac ) data compression
■ Supports V.34bis PPP over ISDN for connecting to 56Kbps modems

### Internet Access

■ Prestige 128IMH provides 128Kbps digital access to the network over ISDN BRI.
■ Single User Account: Ideal for small Branch Office or SOHO, Prestige's SUA (Single User Account) allows customers to pay for a single IP address, while still allowing multiple local users to access the Internet simultaneously
■ DHCP(Dynamic Host Configuration Protocal) server easily configures and manages IP address for DHCP client,Windows 95, NT on the LAN

### Robust Security Features

■ RADIUS(Remote Authentication Dial-in User Service) allows an RADIUS Server to authenticate the Remote Dial-in user incoming calls to Prestige
■ Password protected System Management Terminal
■ PAP (Password Authentication Protocol)
■ CHAP (Challenge Handshake Authentication Protocol)
■ MS CHAP
■ Firewall Filtering for controlled access to or from your LAN
■ Secure internal password storage for up to 8 remote users
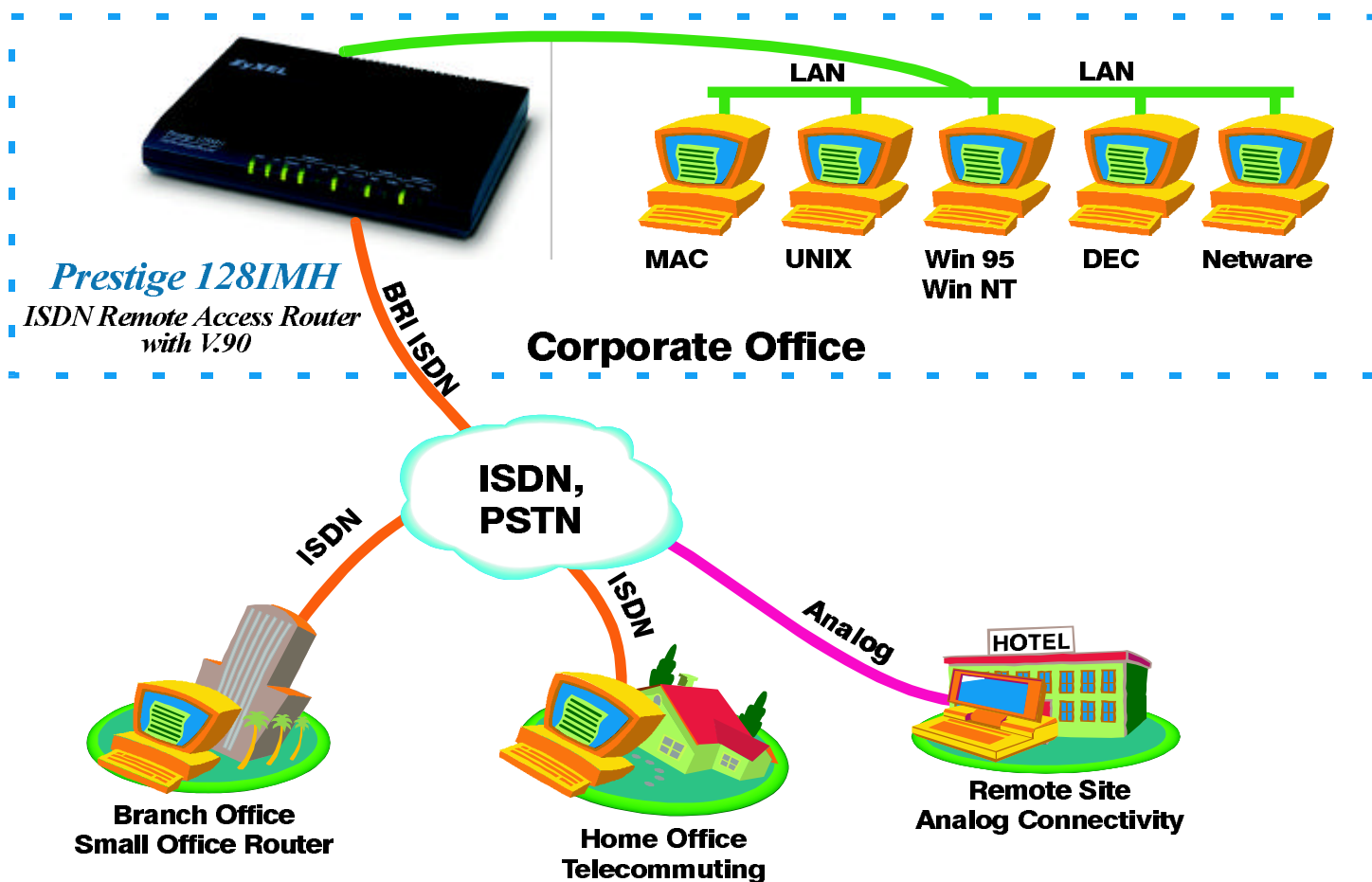
### ISDN Network Compatibility

■ Standard BRI S/T interface or U interface
■ Europe and Asia: Supports DSS1, 1TR6, INS-NET64 and Taiwan DGT switches*
■ North America: Supports AT&T® 5ESS, Northern Telecom® DMS-100, and Siemens®EWSD, switches*
■ Supports IOC capability package "S" and EZ-ISDN 1
■ ISDN Leased Line

### Physical Interfaces

■ ISDN BRI, S/T or U interface
■ Ethernet LAN connection: 4-Port 10-Base-T Hub
■ Two Analog Ports for connecting modems, fax machines, and other analog devices

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

# Remote Access with ZyXEL



**Prestige 128IMH**
*ISDN Remote Access Router with V.90*

**BRI ISDN**

LAN                    LAN

MAC    UNIX    Win 95 Win NT    DEC    Netware

**Corporate Office**

**ISDN, PSTN**

**ISDN**

**ISDN**

**Analog**

HOTEL

**Branch Office
Small Office Router**

**Home Office
Telecommuting**

**Remote Site
Analog Connectivity**

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# ZyXEL *Prestige 128IMH* Remote Access Router

- Extensive ISDN Network Switch Compatibility*
- PPP Multilink Protocol and Bandwidth-on-Demand
- Mulitprotocol Routing: IP and IPX®
- Transparent Bridging
- Hi/fn™ LZS® (Stac®) Data Compression
- Network Management: Telnet and SNMP
- Built-in two Analog Ports & 4-Port Hub
- Web Configurator for ease of installation and support
- ZyNOS's Quality, Features and Performance

- Security: PAP, CHAP, MS CHAP, Firewall Filtering, Password Protected System Management Console
- Remote Network Access via ISDN or Analog Mdoems
- Single User Internet Account (SUA)
- RADIUS Support
- DHCP Server
- RIP-2
- IP Port
- Proxy ARP

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*Priortopurchase,pleasecontact your local dealer/distributorforthecorrectversion
to ensure compatibilitywith the ISDNswitches inyourarea.

US FCC, and EuropeanCEapproved.
Specifications are subject to change withoutnotice.
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# ZyXEL
TOTAL INTERNET ACCESS SOLUTION

ISO 9002
DNV

65-100-128011/0998