

Prestige 652 Series ADSL Security Router



Models:

Prestige 652R ADSL Security Router over POTS

Prestige 652R ADSL Security Router over ISDN

ZyXEL's Prestige 652 series ADSL security router is an innovative, next-generation DSL solution for SOHO, small and medium business (SMB) and enterprise branch offices.

The Prestige 652 series integrates a high-speed 10/100Mbps auto-negotiating LAN interface, high-speed ADSL port and a Stateful Packet Inspection firewall into a single package to allow secure high-speed Internet connections to remote networks.

Its built-in powerful firewall capabilities and secured Virtual Private Network (VPN) data transmission protect the internal network resource from unauthorized access and sensitive data that would normally be exposed to the public Internet. The Prestige 652 firewall is based on the ZyWALL series ICSA certified Zynos platform.

Scalable, secure and easy to use, ZyXEL's Prestige 652 series is the ideal secure broadband solution to meet today's business needs.

Benefits

High-speed Internet Access

The Prestige 652 can support downstream transmission rates of up to 8Mbps and upstream transmission rates of 832 Kbps. It also supports rate management, which allows ADSL subscribers to select an Internet access speed that best suits their needs and budgets.

IPSec VPN Capability

Establish a Virtual Private Network (VPN) to connect with business partners and branch offices using data encryption and the Internet to provide secure communications without the expense of leased site-to-site lines. The Prestige 652's VPN is based on the IPSec standard and is fully interoperable with other IPSec-based VPN products.

Secured Firewall Protection

The Prestige 652 is a stateful inspection firewall with DoS (Denial of Service) protection. By default, when the Firewall is activated, all incoming traffic from the WAN to the LAN is blocked unless it is initiated from the LAN. The Prestige 652 supports TCP/UDP inspection, DoS detection and prevention, real time alerts, reports and logs.

Ease of Use

With an embedded Web-based Graphical User Interface (GUI), the Prestige 652 series provides intuitive on-site and remote management of Internet connectivity, security and the LAN.

Dial Backup

In case of DSL service interruption, the Dial Backup feature enables non-stop Internet access by automatically switching traffic to an external analog or ISDN modem.

Features & Specifications

ADSL Compliance

- Multi-Mode ADSL Standard
- RADSL (DMT T1.413 Issue 2)
- G.dmt (ITU G.992.1)
- G.lite (ITU G.992.2)
- G.hs (G.994.1)
- G.ploam (G.997.1)
- ADSL over ISDN (Prestige 652R-13)
- G.dmt (ITU G.992.1 Annex B)
- Auto-negotiating rate adaptation

ATM Support

- RFC 1483 "Multiple Protocol over AAL5"
- RFC 2364 "PPP over AAL5"
- PPP over Ethernet (RFC 2516)
- 8 PVCs support
- Traffic shaping UBR, CBR support
- ATM Forum UNI 3.1/ 4.0 PVC
- I.610 OAM F4/F5 loop-back, AIS, and RDI OAM cells

Internet Access Sharing

- RFC 791 for IP, RFC 826 for ARP, and ICMP support
- NAT/PAT support
- Multi-NAT (Network Address Transmission) support
- Dynamic DNS

Network Protocols

- IEEE 802.1d Transparent bridging
- IP routing supports RIP-1 and RIP-2

Management Support

- Menu-driven user interface
- Command-line interpreter (CLI)
- Password-protected Telnet support
- Web-based Graphical User Interface (GUI) configuration
- SNMP support
- TFTP and FTP firmware upgrade and configuration backup and restore
- Built-in diagnostic tool

Firewall

- Filter on source and/or destination IP address/port value
- Stateful Packet Inspection
- Denial of Service
- URL blocking
- Attack Alert and logs
- Access Control

Virtual Private Network

- Support Two IPSec connections
- Internet Key Exchange including Aggressive Mode
- IPSec with AH, ESP
- DES (56-bit) and 3DES (168-bit) encryption

Physical Interface

- One RJ-45 port for Ethernet LAN connection
- One RJ-11 or RJ-45 port for ADSL connection
- One DB-9F RS-232 Console for local configuration and management
- One DB-9M RS-232 Console for Dial backup

Other Features

- Dial Backup
- UPnP
- ZyXEL Centralized Network Management support*

Physical Specifications

- Dimensions: 230mm(L) x 161mm(D) x 53mm(H)
- Weight: 468 g

Power Requirement

- AC input voltage: 100 to 120 VAC, 200 to 240 VAC
- Frequency \pm 3 Hz
- Power consumption \leq 10W

Operating Environment

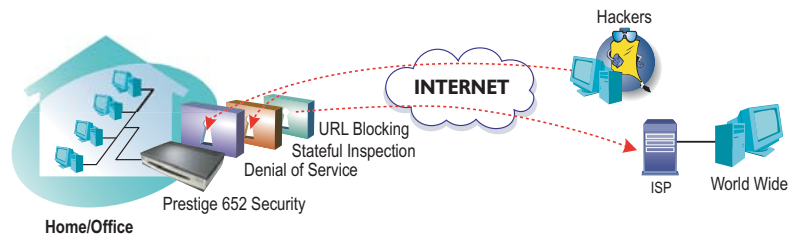
- Temperature: 0-50°C
- Humidity: 20-90 % (non-condensing)

2-Year Warranty

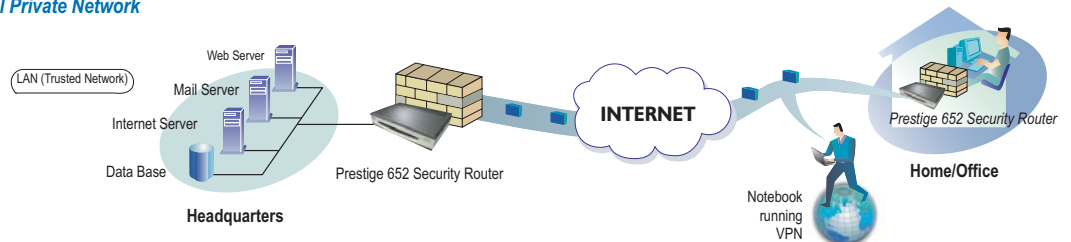
* For future release

Application Diagram

Internet Security Appliances



Virtual Private Network



ZyXEL
TOTAL INTERNET ACCESS SOLUTION



Corporate Headquarters
ZyXEL Communications Co.
Tel: +886-3-578-3942
Fax: +886-3-578-2439
Email: sales@zyxel.com.tw
http://www.zyxel.com
http://www.zyxel.com.tw

North America
ZyXEL Communications Inc.
Tel: +1-714-632-0882
Fax: +1-714-632-0858
Email: sales@zyxel.com
http://www.zyxel.com

Germany
ZyXEL Deutschland GmbH.
Tel: +49 2405 6909 0
Fax: +49 2405 6909 99
Email: sales@zyxel.de
http://www.zyxel.de

Denmark
ZyXEL Communications A/S
Tel: +45 39 55 07 00
Fax: +45 39 55 07 07
Email: sales@zyxel.dk
http://www.zyxel.dk

Norway
ZyXEL Communications A/S
Tel: +47 22 80 61 80
Fax: +47 22 80 61 81
Email: sales@zyxel.no
http://www.zyxel.no

Sweden
ZyXEL Communications A/S
Tel: +46 (0) 31 744 3810
Fax: +46 (0) 31 744 3811
Email: sales@zyxel.se
http://www.zyxel.se