

Prestige 662H

ADSL 2+ 4-port Security Gateway



ZyXEL's Prestige 662H security gateway is a powerful ADSL 2+ modem/router for SOHO, SMB and enterprise branch offices. The device features a high-speed ADSL 2+ port, 4-port 10/100Mbps auto MDI/MDIX Ethernet switch and Dial Backup functions in a box for easy setup and better performance.

Aiming at providing secured network access for both data transfer and contents, the Prestige 662H incorporates VPN, Firewall and Anti-Virus technologies.

The intelligent built-in scanning engine reinforces Anti-Virus protection on network entry points; and through guarding inbound and outbound traffics, the platform is capable of automatic detection and elimination of viruses introduced by Internet activities. The robust Firewall security features and standard IPSec VPN (Virtual Private Network) also protect against network intrusions.

For ultimate user convenience, the Prestige 662H sports Zero Configuration technology that configures itself when a DSL line is connected; and the intuitive, OS-independent interface also allows users to perform additional setup on any PC.

Additional features such as Auto Fail-over and Fall-back Dial Backup, Traffic Redirect, and Media Bandwidth Management (MBM), maximize performance while minimizing operation and maintenance cost. Management is further simplified by the Web-based configuration and administrator wizards.

Scalable, secure, and easy to use, ZyXEL's Prestige 662H is the ideal secure broadband solution to meet today's business needs.

Benefits

Higher-speed Internet Access

The Prestige 662H is a high performance ADSL/ADSL2/ADSL2+ gateway that allows small and medium offices to have Internet access and LAN-to-LAN applications over existing copper lines. With speeds of up to 12Mbps (ADSL2) or 24Mbps (ADSL2+), the Prestige 662H offers higher data transfer rates and better bandwidth than traditional ADSL enabled gateways.

Network-based Anti-Virus

The Anti-Virus scan engine inside the Prestige 662H provides users with a greater range of network security. It detects and eliminates virus and worm attacks from network entry points by scanning each incoming and outgoing e-mail (SMTP/POP3), as well as traffics from the Web (HTTP) and file transfer (FTP). Base on automatic signature updates, it provides real-time network protection against viruses and protects clients that are not already equipped with Anti-Virus measures.

Robust Firewall Security and Enhanced VPN Performance

Based on Stateful Packet Inspection and Denial of Service (DoS) features, the Prestige 662H provides state-of-the-art Firewall performance and robust security to defend against hackers, network intruders and other threats. Furthermore, an ASIC DES accelerator enhances VPN performance to a level higher than ever.

Zero Configuration

The Zero Configuration technology employed in Prestige 662H allows users to hook up a DSL connection without hassle. The user-friendly design built in the gateway is OS-independent, thus supports all operating systems on the host PC.

Auto Fail-over and Fall-back WAN Backup Solution

The Prestige 662H features a Fail-over and Fall-back WAN Backup Solution for complete reliability. When the DSL connection fails, traffic is forwarded to either a backup ISDN or analog modem to maintain data exchange. When the DSL connection is re-established, traffic will be fully restored. The Prestige 662H also performs backup functions by redirecting traffic to a specific gateway to ensure availability of the Internet connection. The WAN Backup Solution saves device maintenance cost and reduces loss from daily operation.



Features

ADSL Compliant

- RADSL (ANSI T1.413 Issue 2)
- G.dmt ADSL over POTS (G.992.1 Annex A)
- G.dmt ADSL over ISDN (G.992.1 Annex B and U-R2)
- G.lite (G.992.2)
- ADSL 2 G.dmt.bis (G.992.3)*
- ADSL 2 G.lite.bis (G.992.4)*
- ADSL 2+ (G.992.5)*
- Reach Extended ADSL (RE ADSL)*

ATM Support

- 8 PVCs Support
- RFC 1483/2684 Multiple Protocol over AAL5
- RFC 2364 PPP over AAL5
- RFC 2516 PPP over Ethernet
- VC and LLC Multiplexing
- Traffic Shaping UBR, CBR, VBR-nrt
- ATM Forum UNI 3.1/4.0 PVC
- I.610 OAM F4/F5 loop-back, AIS, and RDI OAM cells
- TR-37, TR-62 DSL Auto Configuration*

Firewall Security

- Stateful Packet Inspection
- Prevent DoS, DDoS

- Policy based Access Control
- IP & Generic Packet Filtering
- Real-time Attack Alert and Logs
- DMZ Interface for Public Server

Virtual Private Network

- 20 IPSec VPN Tunnels
- IKE and Manual Key Management
- AH and ESP Protocol
- DES, 3DES, AES Encryption (ASIC DES Engine)
- SHA-1 and MD5 Authentication
- Tunnel and Transport Mode Encapsulation

Anti-Virus

- Port Scanning for HTTP, POP3/SMTP, FTP protocols
- Automatically signature file download to provide real time protection
- Protect non-pc devices Client

Routing Support

- IEEE 802.1d Transparent Bridging
- IP Routing: TCP, UDP, ICMP, ARP
- RIP1v1 and RIPv2
- IP Multicast IGMP v1/v2

IP Management

- SUA/Multi-NAT Internet Sharing
- Multimedia Support
- DHCP Server/Relay/Client
- DNS Proxy
- Dynamic DNS
- UPnP Support

Network Management

- Web based Configuration
- Command-line Interpreter (CLI)
- Telnet Remote Management
- SNMP Support
- FTP/TFTP firmware upgrade and configuration backup/restore
- Built-in Diagnostic Tool

Application

- Dial Backup
- Traffic Redirect
- Media Bandwidth Management (MBM)
- Port based VLAN for Ethernet
- Call Scheduling
- Budget Management
- Vantage CNM Support
- Content Access Control

* For future release

Specifications

Hardware Specification

- ADSL: One RJ-11 or RJ-45 Port
- LAN: 4-Port Switch, 10/100M Auto MDI/MDIX
- Console/AUX: RJ45 Port

- CON/AUX Switch
- Reset Button
- Status LEDs Indicator
- Power: 12V DC

Physical Specification

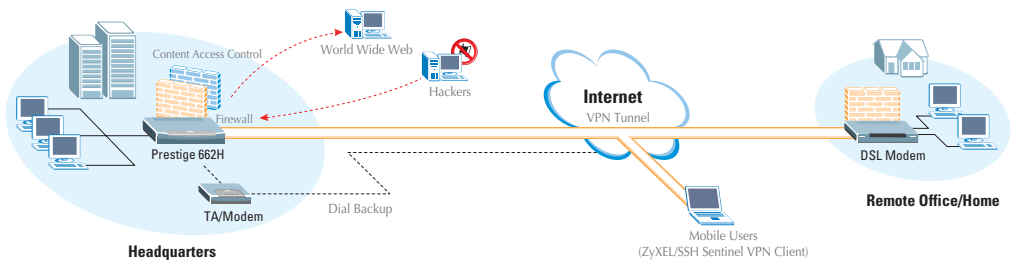
- Dimensions: 180(L) x 162(D) x 36(H) mm
- Weight: 375g

Operating Environment

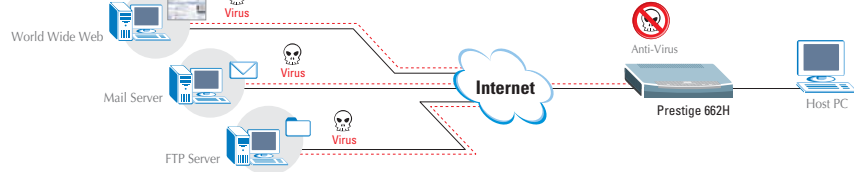
- Temperature: 0°C ~ 40°C
- Humidity: 20% ~ 85% (non-condensing)

Application Diagram

Firewall/VPN/CAC Application



Anti-Virus Application



ZyXEL
Unleash Networking Power

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