

# ZyWALL 1

## Internet Security Gateway for Telecommuters



The popularity of the Internet has led to one undesirable and undeniable result, the proliferation of computer hackers. Your computer is exposed to Internet hackers whenever you are online. To combat this security threat, ZyXEL introduces the ZyWALL 1 for telecommuters and home office users as an ideal network protection solution.

The ZyWALL 1 inherits the lineage of the ZyWALL family's robust Firewall features. These features allow users to create a single ultra secure VPN tunnel to their company headquarters to access the company's intranet resources, while working at home. With a secure default configuration and an easy-to-use Internet Access Wizard setting, the ZyWALL 1 is a ready-to-use device for telecommuters and home users.

### Benefits

#### VPN Connection for Telecommuters / Home Users

The ZyWALL 1 VPN support allows a telecommuter to establish a private tunnel over a public network between his or her office, and home. The data is encrypted when traveling over the public network to ensure secure transmission between the sender and receiver. This application provides a convenient situation for telecommuters working at home by providing a secure working environment.

#### Secured Firewall Protection

The ZyWALL 1 provides powerful firewall capabilities, including Stateful Packet Inspection, Denial of Service (DoS) prevention and Attack Alert. With an embedded Web-based configurator, this allows the user to easily configure the network settings through the web browser. The ZyWALL 1 brings you true network environment security while simultaneously giving you high-speed networking abilities. The ZyWALL 1 Attack Alert System warns you in real time whenever there is an attack on your network, allowing you to quickly take preventative action.

#### Broadband Internet Access Sharing

The ZyWALL 1 is equipped with a 4-port switch, allowing the users to connect multiple computers and benefit from a shared bandwidth. The ZyWALL 1 also provides increased flexibility allowing a user to expand their LAN connection with a low-cost Ethernet interface.

#### Effortless Management

With the protection of the ZyWALL 1 and the benefit of bandwidth sharing, a user can enjoy a number of Internet applications without stressful worries or costly waiting. The ZyWALL 1 implements ZyXEL's router technology for broadband connection, IP management and network applications. Broadband Internet Access has never been so easy and so safe.

### Features

#### Virtual Private Network

- One IPsec Connection (Accessible by one local computer)

#### Firewall Security

- Stateful Packet Inspection
- Denial of Service
- Access Control
- Attack Alert and logs

#### Routing Support

- IP Routing: TCP, UDP, ICMP, ARP, RIPv1 & RIPv2
- Programmable Static Route
- IP Multicast

#### Content Filtering

- Java/ActiveX/Cookie/Proxy Blocking
- URL Blocking

#### ISP Authentication

- PPPoE
- PPTP Client
- RR Manager

#### IP Management

- DHCP Client/Server
- NAT/SUA

#### Network Management

- Web-based Configurator
- TFTP/FTP for F/W upgrade/backup
- SNMP Support
- Built-in Diagnostic Tool

#### Application

- DNS proxy
- Dynamic DNS

### Physical Specifications

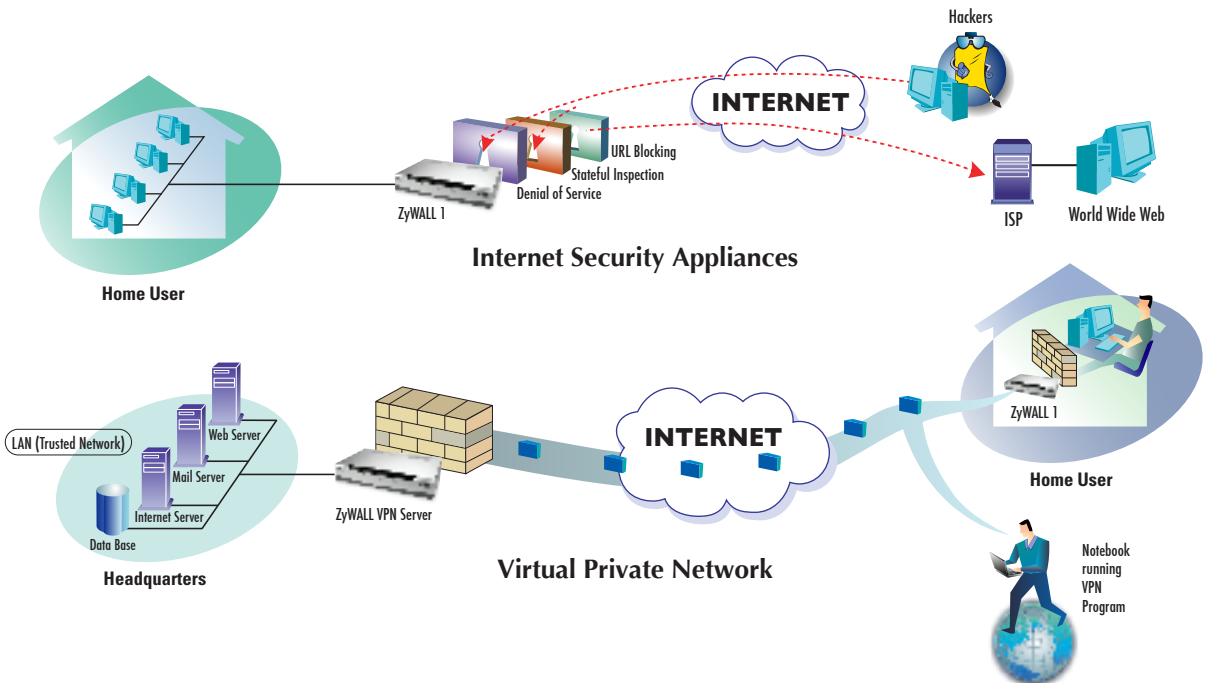
#### Hardware Specification

- Power: 5VDC
- WAN: 10 Mbps Ethernet
- LAN: 4-port 10/100Mbps Ethernet Switch
- Uplink Button
- Reset Button

#### Operating Environment

- Operating Temperature: 0-40°C
- Operating Humidity: 5-90% (non-condensing)
- Dimension: 181mm(L)x128mm(D)x36mm(H)
- Net Weight: 310g

### Application Diagram



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TOTAL INTERNET ACCESS SOLUTION

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