ZyWALL™ 2

Internet Security Gateway for Tele-Home

The ZyWALL 2 inherits the ZyWALL family's robust Firewall features targeted toward telecommuters and home workers. ICSA certification for Firewall and IPSec VPN ensure security as well as interoperability with ICSA-certified products from other vendors. VPN features in the ZyWALL 2 are enhanced, offering 3DES data encryption rates of 2Mbps and two VPN connections.

Additional value-added benefits include Dial Backup and Traffic Redirect, features that increase reliability by supporting multiple Internet connections. Superior reliability, a user-friendly Internet Wizard interface, and unique design make the ZyWALL 2 the best choice in Internet security gateways for telecommuters and home workers.

Benefits

VPN (Virtual Private Network) Connection

The ZyWALL 2 supports ICSA certified IPSec VPN suitable for remote site to central server deployment. Data encryption over the Internet ensures secure transmission between two sites, eliminating the necessity for expensive leased lines, and enabling global interconnectivity at a minimal expense.

Secured Firewall Protection

The ICSA Firewall certified ZyWALL 2 provides robust firewall protection and reliable security. Based on Stateful Packet Inspection and Denial of Service (DoS) technology, it provides the first line of defense against hackers, network intruders, and other hazardous threats.

Traffic Redirection for Broadband Backup Connection*

The ZyWALL 2 offers users increased reliability by supporting Fail-Over and Fail-Back technology. Fail-Over and Fail-Back technology forward WAN port traffic to backup ISDN or Analog modems in the event of WAN port connection failure. Once WAN port connections are reestablished, traffic automatically returns. An additional gateway may also be connected to the ZyWALL 2 to ensure availability of the Internet through a secondary local network. The ZyWALL 2 backup features increase reliability while decreasing device maintenance, IT consulting costs, and daily operation losses.

Broadband Internet Access Sharing

The ZyWALL 2 is equipped with a four-port 10/100 Ethernet switch, allowing multiple users to share one broadband Internet connection without the additional costs associated with external switches or hubs.

* For future release

ZyXEL
Unleash Networking Power

F e a t u r e s

Virtual Private Network
• Two VPN connections

Firewall Security
• Packet Filter
• Stateful Packet Inspection
• Denial of Service
• Attack Alert and logs
• Access Control of Service

Routing Support
• IP Routing: UDP, TCP, ICMP, ARP, RIP V1 and RIP V2
• Programmable Static Route
• IP Multicast

IP Management
• DHCP client/server
• Multi-NAT/SUA

Content Filtering
• Java/ActiveX/Cookie/Proxy Blocking
• URL Blocking

ISP Authentication
• RR Manager
• PPPoE
• PPTP

Network Management
• Web-based configurator
• Telnet remote access support
• TFTP/FTP for firmware upgrade/backup
• SNMP support

Application
• Built-in Diagnostic Tool
• DNS proxy
• Internet Time Calibration
• Dynamic DNS
• Traffic Redirect
• Dial Backup*
• UPnP

for future release

S p e c i f i c a t i o n s

Hardware Specification
• Power : 12VDC
• CON/AUX Switch
• RS-232 DB-9F: Console/Dial Back-up
• Reset Button
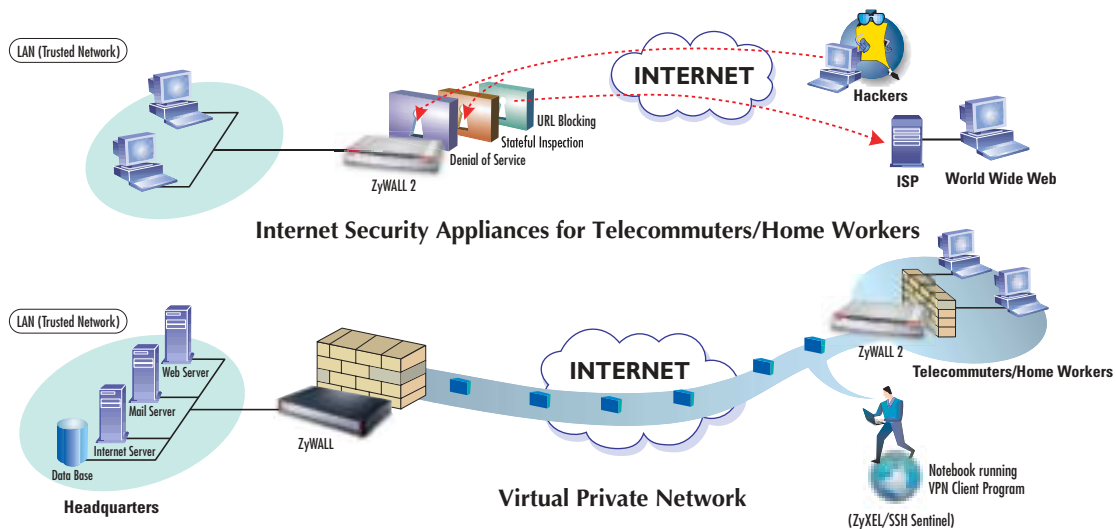• LAN 1-4: 10/100Mbps Ethernet
• WAN: 10/100Mbps Ethernet

Operating Environment
• Operating Temperature: 0 ~ 40°C
• Operating Humidity: 5 ~ 90% (non-condensing)

Physical Specification
• Dimensions: 181mm(W) x 128mm(L) x 36mm(H)
• Weight: 330g

A p p l i c a t i o n   D i a g r a m

LAN (Trusted Network)

URL Blocking
Stateful Inspection
Denial of Service

INTERNET

Hackers

ZyWALL 2

ISP   World Wide Web

Internet Security Appliances for Telecommuters/Home Workers

LAN (Trusted Network)

Web Server
Mail Server
Internet Server
Data Base

ZyWALL

INTERNET

ZyWALL 2

Telecommuters/Home Workers

Notebook running
VPN Client Program

(ZyXEL/SSH Sentinel)

Headquarters

Virtual Private Network

R e a r   P a n e l

ZyXEL
Unleash Networking Power

UPnP

ICSA labs CERTIFIED IPSec

ICSA labs CERTIFIED Firewall

ZyNOS

FC CE