ZyXEL

3G and Wi-Fi Mobile Broadband Security Appliance for Remote Office (RO)/SOHO

- Internet Access through 3G Networks (HSDPA, UMTS, GPRS, EDGE)

- Dual-band, Tri-mode Access Point with Wireless 802.11a/b/g Network

- Web-based Content Filtering Services Available

- Advanced ZyNOS™ ICSA Certified SPI Firewall and IPSec VPN Protection

- Configurable 4-Port LAN/DMZ/WLAN Zones

Internet Security Appliance

ZYWALL 2WG

Benefits

Internet Access through 3G Networks (HSDPA, UMTS, GPRS, EDGE)

ZyWALL 2WG provides users even more convenient Internet access with 3G service to eliminate the limitation of the wired network and extends the last-mile service wirelessly. Incorporated the wired environment, the solution can apply Backup WAN and Load Balancing features to various applications while offering more mobility with Wi-Fi connectivity.

Virtual Private Network (VPN) Connection

The ZyWALL 2WG supports ZyNOS ICSA-certified IPSec VPN suitable for deployments from remote sites to the central server. As data encryption over the Internet ensures secure transmission between two sites without expensive leased lines, global interconnectivity can be achieved at a minimal cost. Thanks to the Redundant IPSec VPN feature, the ZyWALL 2WG's dialup client will keep the connection running even the primary VPN connection fails.

Secured Firewall Protection

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

Secure Zone Technology

The ZyWALL 2WG offers the Secure Zone technology that SOHO users can simply deploy access servers in a DMZ zone separated from the trusted local network (LAN). The DMZ zone and WLAN zone have their own DHCP service, and all zones are securely segregated by firewall rules.

Specifications

System Specifications

Mode of Operation
- Routing Mode
- Transparent Mode (Bridge)
- NAT (Network Address Translation)
- Dial Backup

Virtual Private Network
- 5 simultaneous IPSec VPN Connections
- DES/3DES/AES encryption
- Manual Key, IKE and PKI (X.509)
- IPSec NAT Traversal
- Xauth User Authentication
- Redundant VPN connection (VPN HA)

Firewall Security
- Transparent Firewall (Bridge mode)
- Stateful Packet Inspection
- DoS and DDoS Protection
- Real-time Attack Alert and Logs

Content Filtering
- Java/AactiveX/Cookie/ Proxy Blocking
- URL and Key word Blocking
- Web Content Filtering

Network
- DHCP client/server/relay
- PPPoE
- PPTP

System Management
- Web GUI (HTTP, HTTPS)
- Command Line Interface (Console, Telnet, SSH)
- Firmware Upgrade (Web GUI, TFTP/FTP/SFTP)
- Vantage Centralized Network Management

Wireless
- IEEE 802.11a/b/g compliant
- MAC Filter
- 64/128-bits WEP encryption
- IEEE 802.1x (EAP-MD5/TLS/TTLS/PEAP)
- WPA/WPA-PSK/WPA2/WPA2-PSK
- Roaming
- Configurable output power

Hardware Specifications
- Status LED Indicator: PWR, LAN/DMZ 1 ~ 4, WAN, AUX, WLAN, CARD
- Power adapter: 12 VDC
- Reset Button: Yes
- LAN/DMZ: 4-port switch, 10/100 Mbps Auto MDI/MDIX
- WAN: 10/100 Mbps Auto MDI/MDIX
- Dial Backup: RS-232 on RJ-45 Null Modem Port
- Console: RS-232 on RJ-45 Port

Physical Specifications
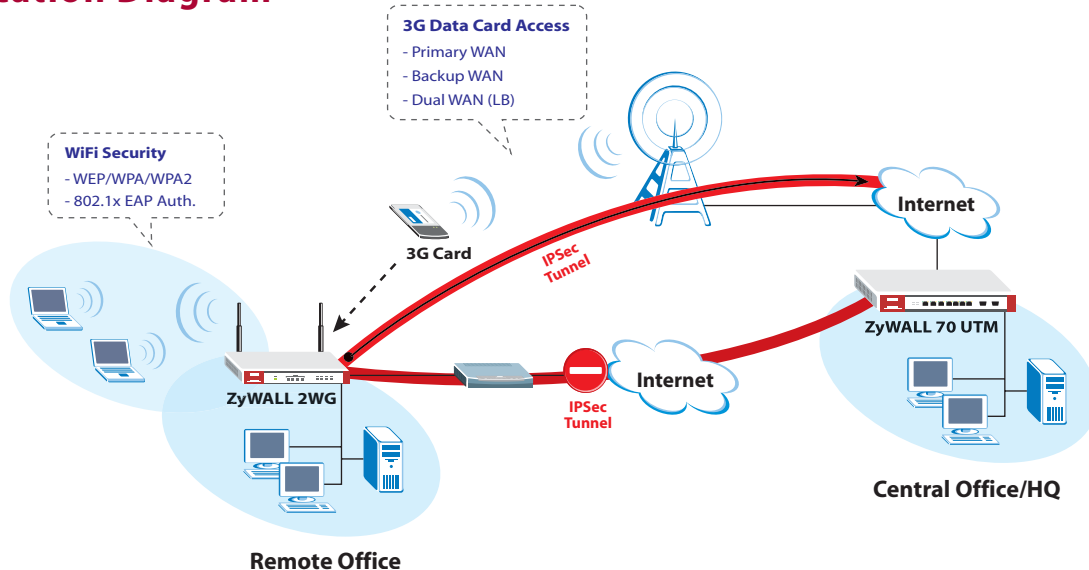- Dimensions: 220 (W) x 148 (D) x 30.5 (H) mm
- Weight: 517 g

Environmental Specifications
- Operating Temperature: 0°C ~ 50°C
- Operating Humidity: 20% ~ 95% (non-condensing)
- Storage Temperature: -30°C ~ 60°C
- Storage Humidity: 20% ~ 95% (non-condensing)

Certification
- EMC: FCC Part 15 Class B, CE-EMC Class B, C-Tick Class B, VCCI Class B
- Safety: CSA International, CE EN60950-1 (UL60950-1, CSA60950-1, EN60950-1, IEC60950-1)
- C-Tick
- VCCI
- Green Product and WEEE comply with

Application Diagram

3G Data Card Access
- Primary WAN
- Backup WAN
- Dual WAN (LB)

WiFi Security
- WEP/WPA/WPA2
- 802.1x EAP Auth.

3G Card

IPSec Tunnel

Internet

ZyWALL 2WG

IPSec Tunnel

Internet

ZyWALL 70 UTM

Central Office/HQ

Remote Office

For more product information, visit us on the web www.ZyXEL.com

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