

ZyWALL 5

Internet Security Appliance



Recommended for

- Small Offices/Home Offices (SOHO) looking for a cost-effective security appliance and VPN connection
- SOHO requiring reduced operational costs through flexible traffic management
- SOHO needing a dynamically updated database for accurate and effective Web Content Filtering services (powered by Cerberian)
- SOHO or workgroups requiring transparent firewall for flexible and easy deployment
- SOHO looking for flexible port design with optional DMZ configuration

Features

Virtual Private Network

- 10 simultaneous IPSec VPN Connections
Max. 25Mbps 3DES/AES VPN performance
- Manual Key, IKE and PKI (X.509)
- IPSec NAT Traversal

Firewall Security

- Transparent Firewall (bridge mode)
- Stateful Packet Inspection
- DoS and DDOS Protection
- Real-time Attack Alert and Logs

Traffic Management

- Policy-based Traffic Shaping
- Priority-bandwidth Utilization

- Guaranteed and Maximum Bandwidth Allocation

Content Filtering

- Java/Active X/Cookie/Proxy Blocking
- URL and Keyword Blocking
- Web Content Filtering (Cerberian)

Network

- DHCP client/relay/server
- PPPoE
- PPTP

System Management

- WebGUI (HTTP and HTTPS)

- Command Line Interface (Console, Telnet, SSH)

- Firmware Upgrade (WebGUI, TFTP/FTP/SFTP)
- Vantage Centralized Network Management

Wireless

- IEEE 802.11b/11g compliant
- 128-bits WEP Encryption
- IEEE 802.1x Port-Based Authentication with RADIUS Client
- IPSec VPN over WLAN
- WPA*

Specifications

Hardware Specification

- Power: 12VDC
- 4-port LAN/DMZ switch: 10/100Mbps Ethernet
- WAN: 10/100Mbps Ethernet
- Reset Button
- RS-232 DB9F: Console
- RS-232 DB9M: Dial Backup
- Extension Card Slot for Wireless & Optional service*

Physical Specification

- Dimensions: 242(L) x 175(D) x 35.5(H) mm
- Weight: 1,200g

Operating Environment

- Operating Temperature: 5°C ~ 45°C
- Operating Humidity: 20% ~ 95% (non-condensing)

Certification

- EMC: FCC Class B, CE-EMC Class B, C-Tick Class B, VCCI Class B
- Safety: CSA International, CE EN60950-1

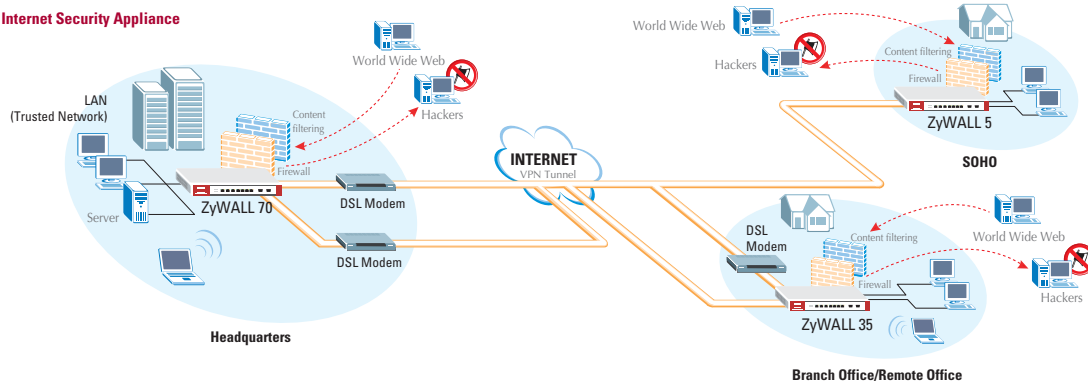
MTBF (Bellcore model)

- 6.9 years

* For future release

Application Diagram

Internet Security Appliance



ZyXEL
Unleash Networking Power

Feature Matrix

Model Name	ZyWALL 2	ZyWALL 5	ZyWALL 35	ZyWALL 70
Performance				
Firewall Throughput	12Mbps	80Mbps	90Mbps	100Mbps
VPN 3DES/AES Throughput	2.2Mbps	25Mbps	40Mbps	50Mbps
User Licenses	Unlimited	Unlimited	Unlimited	Unlimited
Concurrent Sessions	1,024	6,000	10,000	12,000*
Simultaneous IPSec VPN connection	2	10	35	100
Physical Specification				
Ports (10/100Mbps Auto sensing & MDI/MDIX)	4xLAN, 1xWAN	4xLAN/DMZ, 1xWAN	4xLAN/DMZ, 2xWAN	1xLAN, 4xDMZ, 2xWAN
Extension Card Slot	na	•, Wireless and Optional Services*	•, Wireless and Optional Services*	•, Wireless and Optional Services*
RS-232 console	•	•	•	•
Power Supply	12VDC	12VDC	12VDC	100 ~ 240VAC
Rack-Mounted	na	•	•	•
Wall-Mounted	•	•	•	na
Dimensions (LxDxH, mm)	181 x 128 x 36	242 x 175 x 35.5	242 x 175 x 35.5	355 x 200 x 55
Weight	330g	1,200g	1,200g	2,600g
Mode of Operation				
Routing/NAT/SUA Mode	•	•	•	•
Transparent Mode	na	•	(*)	(*)
Dial Backup	•	•	•	•
Firewall (ICSA Certified)				
IP Protocol/Packet Filter	•	•	•	•
DoS and DDoS protections	•	•	•	•
Stateful Packet Inspection	•	•	•	•
Transparent Firewall	na	•	(*)	(*)
Web Content Filtering	•	•	•	•
VPN (ICSA Certified)				
Manual key, IKE	•	•	•	•
PKI (X.509)	•	•	•	•
Encryption (DES, 3DES and AES)	•	•	•	•
Authentication (SHA-1 and MD5)	•	•	•	•
IPSec NAT Traversal	•	•	•	•
Xauth User Authentication (Internal Database and External RADIUS)	•	•	•	•
Traffic Management				
Guaranteed/Maximum Bandwidth	na	•	•	•
Policy-based Traffic shaping	na	•	•	•
Priority-bandwidth utilization	na	•	•	•
High Availability (HA)				
Auto fail-over, fail-back	•	•	•	•
Dial Backup	•	•	•	•
Dual WAN ports for WAN backup and Load Balance	na	na	(*)	(*)
System Management				
WebGUI (HTTP and HTTPS)	•	•	•	•
Firmware Upgrade (WebGUI, TFTP/FTP/SFTP)	•	•	•	•
Vantage CNM	•	•	•	•
Wireless				
IEEE 802.11b Compliant	na	•	•	•
IEEE 802.11g Compliant	na	•	•	(*)
IEEE 802.1x Authentication (Internal Database and External RADIUS)	na	•	•	•
Logging/Monitoring				
Centralized Logs	•	•	•	•
Attack alert	•	•	•	•
System status monitoring	•	•	•	•

(*) For future release



This product is designed for the 2.4 GHz WLAN network throughout the EC region

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