



Technical Specifications

Firewall

Stateful Packet Inspection	Y
NAT	Y
PAT	Y
IPSec Passthrough	Y
Policy Based NAT and PAT	Y
Application Layer Protection	HTTP, FTP, SMTP, DNS
URL rewriting and filtering	Y
Command line length limiting	Y
Redundant VPN Gateways	Y
DoS and DDoS Protection	Y
SYN Flood protection	Y
Protocol Anomaly Checking	Y
TCP state Enforcement	Y
IP options checking	Y
Access Control Lists	Y
Block P2P	Y

Virus Scanner

Inline Virus Scanner for: Protection from Malicious Web Pages Updates	FTP, HTTP, SMTP Active X and Java Scripts/Applets Every 30mins
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Network

Services	SMTP, POP3, IMAP, DHCP (server), DNS, HTTP Cache Proxy, HTTPS Proxy, FTP Proxy, HTTP Reverse Proxy
DMZ	Up to 2
Multiple Wan	Y
Static Routing	Y
RIP 1	Optional
RIP 2	Optional
BGP	Optional

VPN

IPSEC	Y
Gateway to Client	Y
IPSEC Passthrough	Y
NAT Traversal	Y
Dynamic IP Support	Y
Encryption	DES, 3DES(128bit), AES, BlowFish, Serpent
Data Authentication	SHA1 SHA2 MD5
Keys	X.509 IKE,OKI,PGP
L2TP PPTP pass through	Y
Dead Peer Detection	Y

Traffic Management

Protocol Based	Y
Interface Base	Y
Source and/or Destination based	Y
Limiting	Y
Reservation	Y
Management of Bandwidth Within VPN	Y

High Availability

Stateful Failover	FW and VPN
Link Quality Monitor	Y
Connection Quality Based Link Restarts	Y
Automatic Connection Failover	Y
Dual Units for Redundancy	Y

Logging and Monitoring

Top Ten Users Email Usage Web Browsing and Sites Visited Real time Graphs Firewall Activity Virus Activity	Covering 5Mins, 5hrs, 12hrs, 24hrs, 7 days, 1 mth
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Content Filtering

Web Access Control Web Page Access Control Categories Malicious Web Page Protection	Authenticated and non Authenticated access. White List, Black List, Keyword &Category Based MP3, pirate, porn, games, entertainment, bad language Active X and Java Scripts/Applets
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Internet Usage Control

Enforceable Authentication to Use Internet Bandwidth Limits Limiting Basis Block Sites Allow Sites Web Access Monitoring	Y Weekly or Monthly User, Workstation URL, Category, Keyword Y Y
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Administration

HTTPS Web Based GUI Trusted Host Enforcement System Updates System Upgrades	Y Y Automatic without user intervention Automatic without user intervention
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Internet Connection

PPPoE Any Ethernet Compliant Modem/Router ISDN ADSL etc Modem Serial RS-232

Interfaces

10/100 Ethernet Gigabit Serial RS-232	4 2 optional replacements for 10/100 1
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Physical

Dimensions Weight Electrical	2 RU (w : 440mm x h : 88mm x d : 400mm) 9.1 Kg Voltage: 110 / 240 50/60 Hz AC Power: 120W - 200W
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