FVS318v3
ProSafe™ VPN Firewall 8
with 8-port 10/100 Mbps Switch

• Help is there when you need it! NETGEAR provides 24x7 technical support** in English, with selected local language support during office hours.

8 VPN Tunnels for Encrypted Remote Access

NETGEAR's FVS318v3 ProSafe VPN Firewall 8 is ideal for companies who prefer one simple device to perform several critical functions. The FVS318v3 provides business-class protection at an affordable price and fits into any size corporate network infrastructure. This completely equipped, broadband-capable firewall 8 Port Ethernet router offers a Stateful Packet Inspection (SPI) firewall, Denial of Service (DoS) protection and Intrusion Detection, URL key word and content filtering, logging, reporting, and real-time alerts. VPNC certified, it initiates up to 8 IPSec VPN tunnels, also called security associations, simultaneously, reducing your operating costs and maximizing the security of your network. The intuitive web-based VPN wizard with smart defaults gives you more time to focus on your business. With 8 10/100 auto-sensing, Auto Uplink™ LAN ports and Network Address Translation (NAT) routing, up to 253 users can access your broadband connection at the same time. This compact, multifunctional firewall is an ideal solution for users needing to securely access corporate networks via a remote VPN connection.
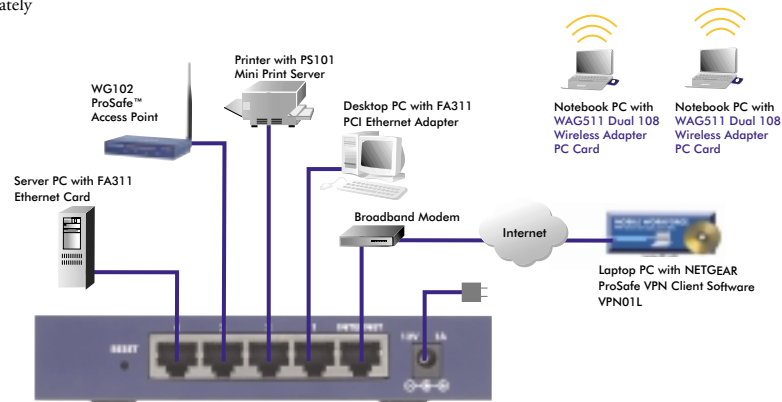
Business-Class Secure Initiates up to 8 IPSec VPN tunnels simultaneously, allowing for secured connections to branch offices and the "on-the-go" mobile workforce. Network Address Translation (NAT) routing enables shared access to your broadband connection. Includes Web page URL content filtering and strong IPSec encryption and certificate support. Sends you e-mail notification of network activity – reporting and tracking of hacker attempts – as well as real-time alerts.

Well-Armed Has everything you want for maximum security coverage: True Firewall using Stateful Packet Inspection (SPI) and Intrusion Detection features, Denial of Service (DoS) attack protection, and VPN pass-through for extra security. The VPN feature allows users to securely connect multiple PCs over the Internet via IPSec, PPTP or L2TP tunnels. And, AES (256-bit) security provides one of the most impenetrable encryption methods available. There's even a Kensington Lock™ slot on the unit for theft protection. The FVS318v3 ProSafe VPN Firewall provides optimal value and defense against network security threats.

User Friendly NETGEAR's family of security products feature Smart Wizard install assistant which connects to your ISP quickly and the easy-to-use Web-based configuration screen with VPN wizard reduces setup time. Remote administration capability makes connecting to multiple sites a breeze. All NETGEAR ProSafe Firewalls are VPNC tested and certified to ensure interoperability with other popular security products.

Flexible Make a VPN connection to other FVS318's or through NETGEAR ProSafe VPN client software*. Support for DHCP (client and server) as well as PPPoE allows for easy, widespread deployment.

*Sold Separately

NETGEAR®
Everybody's connecting.®

NETGEAR Related Products

- **Accessories:**
  - VPN01L and VPN05L ProSafe VPN Client Software

- **VPN Firewalls:**
  - FVS114 ProSafe VPN Firewall 8
  - FVS124G ProSafe Gigabit VPN Firewall 25

- **Wireless:**
  - WG102 ProSafe 802.11g Access Point
  - FWG114P ProSafe 802.11g Wireless Firewall with USB Print Server

- **Switches:**
  - FSM750S ProSafe 48+2 10/100 Managed Stackable Switch
  - FSM726S ProSafe 24+2 10/100 Managed Stackable Switch
  - FSM726 ProSafe 24+2 10/100 Managed Switch

VPNC CERTIFIED Basic Interop

VPNC CERTIFIED AES Interop

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Physical Interfaces

- **LAN ports:** Eight (8) 10/100Mbps auto-sensing, Auto UplinkTM RJ-45 ports

- **WAN port:** 10/100 Mbps Ethernet RJ-45 port to connect to any broadband modem, such as DSL or cable

- **Security Features:**
  - **SPI Firewall:** Stateful Packet Inspection (SPI) to prevent notorious Denial of Service (DoS) attacks, Intrusion Detection System (IDS) including logging, reporting and e-mail alerts, address, service and protocol, Web URL keyword filtering, prevent replay attack (reassembly attack), port/service blocking. Advanced features include block Java/URL/ActiveX based on extension, FTP/SMTP/RPC program filtering
  - **VPN Functionality:** Eight (8) dedicated VPN tunnels, Manual key and Internet Key Exchange Security Association (IKE SA) assignment with pre-shared key and RSA/DSA signatures, key life and IKE lifetime time settings, perfect forward secrecy (Diffie-Hellman groups 1 and 2 and Oakley support), operating modes (Main, Aggressive, Quick), fully qualified domain name (FQDN) support for dynamic IP address VPN connections.
  - **IPSec Support:** IPSec-based 56-bit (DES), 168-bit (3DES), or 256-bit (AES) encryption algorithm, MD5 or SHA-1 hashing algorithm, AH/AH-ESP support, PKI features with X.509 v.3 certificate support, remote access VPN (client-to-site), site-to-site VPN, IPSec NAT traversal (VPN pass-through)
  - **Mode of Operation:** One-to-one/many-to-one Multi-Network Address Translation (NAT), classical routing, unrestricted users per port
  - **IP Address Assignment:** Static IP address assignment, internal DHCP server on LAN, DHCP client on WAN, PPPoE client support

- **Performance Features:**
  - **Throughput:** Up to 11.5 Mbps WAN-to-LAN, up to 2.1 Mbps for 3DES throughput

- **Management Features:**
  - **Administration Interface:** Web graphic user interface, Secure Sockets Layer (SSL) remote management, user name and password protected; secure remote management support authenticated through IP address or IP address range and password; configuration changes/upgrades through web GUI
  - **Configuration and upgrades:** Upload and download configuration settings, field upgradeable flash memory

- **Functions:**
  VPN Wizard to simplify configuration of the VPN, Smart Wizard to automatically detect ISP Address type (static, dynamic, PPPoE), Port Range Forwarding, Port Triggering, Exposed Host (DMZ), Enable/Disable WAN Ping, DNS Proxy, MAC Address cloning/spoofing, Network Time Protocol NTP support, Keyword Content Filtering, email Alerts, DHCP Server (Info and display table), PPPoE login client support, WAN DHCP Client, Diagnostic tools (ping, trace route, other), Port/service/MAC address blocking, Auto-Uplink on switch ports

- **Protocol Support:**
  - **Network:** IP routing, TCP/IP, UDP, ICMP, PPPoE
  - **IP addressing:** DHCP (client and server)
  - **Routing:** RIP v1, RIPv2 (Static Routing, Dynamic Routing)
  - **VPN/Security:** IPSec (ESP, AH), MD5, SHA-1, DES, 3DES, IKE, PKI, AES

- **Maintenance:**
  Save/Restore Configuration, Restore Defaults, Upgrades via Web Browser, Display Statistics

- **Hardware Specifications:**
  - **Processor:** 200 Mhz 32-bit RISC
  - **Memory:** 2MB Flash, 16MB SDRAM
  - **Power requirements:** 100-240VAC, 50-60Hz
  - **Power adapter:** 12VDC, 1.2A; plug is localized to country of sale
  - **Dimensions (l x w x h):** 18.1 x 25.3 x 3.5 cm (7.1 x 9.95 x 1.4 in)
  - **Weight:** 2 lb., 1oz. (.935kg)

- **Environmental Specifications:**
  - **Operating temperature:** 0 to 40°C (32 to 104°F)
  - **Operating humidity:** 90% maximum relative humidity, noncondensing

- **Warranty:**
  NETGEAR 3-year warranty

System Requirements

- Cable, DSL, Satellite or Wireless Broadband modem and Internet service
- Ethernet connectivity from Broadband modem
- Network card for each connected PC
- Network Software (e.g. Windows)
- Internet Explorer 5.0 or higher or Netscape Navigator 7.2 or higher

Package Contents

- FVS318v3 ProSafe VPN Firewall 8
- Ethernet cable
- Rack mount kit
- Installation guide
- Installation guide
- Resource CD
- Warranty card and support information card

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