

DGFV338

Six-in-One Wireless and Wired Solution with an integrated, Wireless Access Point, IPSec VPN, Firewall, Router, Switch and ADSL2+ modem



This comprehensive and affordable solution offers wired, wireless connectivity with business-class protection for small office and remote/branch office users. It combines six functions in a single, compact package – Stateful Packet Inspection (SPI) firewall, 802.11b/g wireless access point, IPSec Virtual Private Network (VPN), NAT router, an eight port 10/100 fast ethernet switch and built-in ADSL2+ modem.

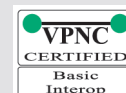
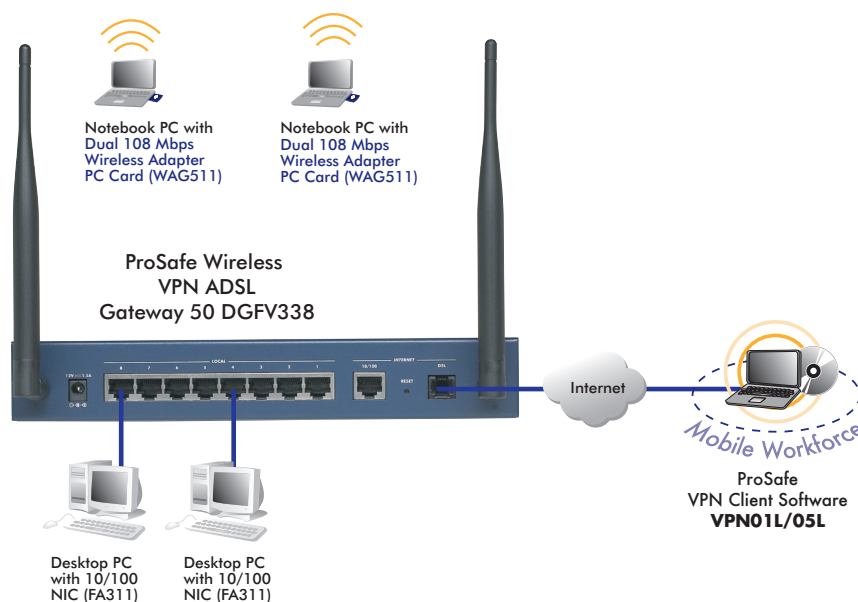
Easy and reliable, the DGFV338 delivers both 10 and 100 Mbps connections for wired devices, plus wireless support at 2.4Ghz frequency at 54Mbps radio transmission with up to 108Mbps in 802.11b/g.

More than just a simple NAT router, the ProSafe DGFV338 SPI firewall provides business-class protection, blocking unwanted users from accessing the network. Support for Wi-Fi Protected Access 2 Enterprise (WPA2) shields wireless communication with the highest available level of industry-standard encryption and authentication. Comprehensive controls block or filter unwanted addresses, services, protocols, and URLs, fortifying your network. Up to fifty simultaneous IPSec VPN connections protect links between business locations, and remove users encrypting all traffic as it traverses the Internet.

Ideal Solution for Telecommuters and Remote Offices

The DGFV338 is easy to set up and use. It delivers all the advantages of centralized administration for remote offices, teleworkers and small businesses, including dynamic DNS capabilities facilitate remote access with support for IPSec VPNs and a wireless access point extending the range of your network. Providing support for ADSL2+, DGFV338 also supports an Ethernet WAN port for failover on non-ADSL connections.

ProSafe DGFV338 is the all-in-one solution for all your small to mid-size business needs.



Product Specifications

Wireless

- Standards: IEEE, 802.11b/g, 54 Mbps, Super G technology up to 108 Mbps
- Antenna: (2) 5dBi, detachable

Physical Interfaces

- LAN ports: Eight (8) 10/100Mbps auto-sensing, Auto Uplink™ RJ-45 ports
- WAN port: 10/100BASE-T Ethernet RJ-45
- ADSL WAN port: One (1) RJ-11 supporting annex A or Annex B-UR2 (Region Specific)

Security

- SPI Firewall: Stateful Packet Inspection (SPI) Intrusion Detection System (IDS) including logging, reporting and e-mail alerts, address, service and protocol, Web URL keyword filtering, port/service blocking. Advanced features include block Java/URL/ActiveX based on extension, FTP/SMTP/RPC program filtering
- VPN Functionality: Fifty (50) 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 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/multi-to-one Multi-Network Address Translation (NAT), classical routing, unrestricted users per port.

- IP Address Assignment: Static IP Address Assignment, DHCP Address Reservation.
- Wireless Security: WI-Fi Protected Access 2 Enterprise (WPA2), 802.1x.

Performance Features

- Throughput: Up to 50 Mbps WAN-to-LAN, up to 20 Mbps for 3DES throughput

Management Features

- Administration Interface: SNMP (v2c) support, 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, firmware upgradeable flash memory
- Secure HTTPS Remote Management Support: Authenticated through IP address or IP range and password.

Functions

- VPN Wizard to simplify configuration of the VPN, Port Range Forwarding, Port Triggering, Exposed Host (DMZ), Enable/Disable WAN Ping, DNS Proxy, MAC Address cloning/spoofing, Network Time Protocol support, Keyword Content Filtering, email Alerts, DHCP Server (Info and display table), WAN DHCP Client, Diagnostic tools (ping, trace route, other), Port/service/MAC address blocking

Protocol Support

- Network: IP routing, TCP/IP, UDP, ICMP, PPPoE
- IP Addressing: DHCP (client and server)
- Routing: Static, RIPv1, RIPv2
- VPN/Security: IPSec (ESP, AH), MD5, SHA-1, DES, 3DES, IKE, PKI, AES

User Support

- LAN: Up to 253 users
- WLAN: Up to 20 users

Hardware

- Processor: 266 Mhz 32-bit RISC
- ADSL Processor: T. I. AR7
- Memory: 8MB Flash, 32MB SDRAM
- Power requirements: 100-240VAC, 50-60Hz
- Power adapter: 12V DC, 1.0A Plug is localized to country of sale
- Dimensions: 280x 245 x 106 mm (11.02 x 9.65 x 4.17 in)
- Weight: 4.83 lbs./ 2.190kg
- MTBF: 35141.413 hours = 4.012 years
- Noise: 0 db

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, and Internet service
- Ethernet connectivity from Broadband modem
- Wired or wireless capability for each PC
- Network Software (e.g. Windows)
- Internet Explorer 6.0 or Mozilla Firefox 1.5 or higher

Package Contents

- ProSafe VPN Wireless ADSL Gateway 50 (DGFV338)
- Ethernet cable
- Two (2) detachable 5 dBi antenna
- Installation guide
- Resource CD with single user ProSafe VPN Client Software license
- Warranty/Support information card

NETGEAR Related Products

- ProSafe™ Indoor 5 dBi Omni-directional Antenna (ANT 2405)
- ProSafe™ Indoor/Outdoor 9 dBi Omni-directional Antenna (ANT 2409)
- ProSafe™ Indoor 14 dBi Patch Panel Directional Antenna (ANT 24D 18v2)
- ProSafe™ Dual Band Wireless PC Card (WAG511)

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*Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.