



FM114P

ProSafe™ 802.11b Wireless Firewall with 4-port 10/100 Mbps switch with Print Server

True 5-in-1 Product: SPI Firewall, Router, Switch, Print Server, and Wireless Access Point

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

• Could there possibly be a more complete office tool than this? NETGEAR's ProSafe 802.11b Firewall delivers everything you could want in one mega-capable unit: router, switch, print server, Wi-Fi certified wireless access point, and firewall. This fully equipped, broadband-capable firewall is a true firewall and provides you with the utmost in business class security – Denial of Service (DoS) protection and Intrusion Detection using Stateful Packet Inspection (SPI), URL access and content filtering, logging, reporting, and real-time alerts. VPN pass-through maximizes network security. And a built-in print server allows you to share a printer on your network without leaving your PC on. With 4 auto-sensing, switched LAN ports and Network Address Translation (NAT) routing, up to 253 users can access your broadband connection at the same time – including as many as 32 wireless users, which avoids the hassle of running additional cabling. Smart Wizard and Install Assistant get your network up and running in minutes.

Thoroughly Protected

• 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, for extra safeguarding, VPN pass-through. There's even a Kensington Lock™ slot on the unit to prevent theft.

Business-Class Security

• VPN pass-through allows for safeguarded connections to branch offices and your “on-the-go” mobile workforce. Network Address Translation (NAT) routing enables shared access to your broadband connection. Includes web page URL key word filtering and sends you e-mail notification of network activity – reporting and tracking of hacker attempts – as well as real-time alerts.

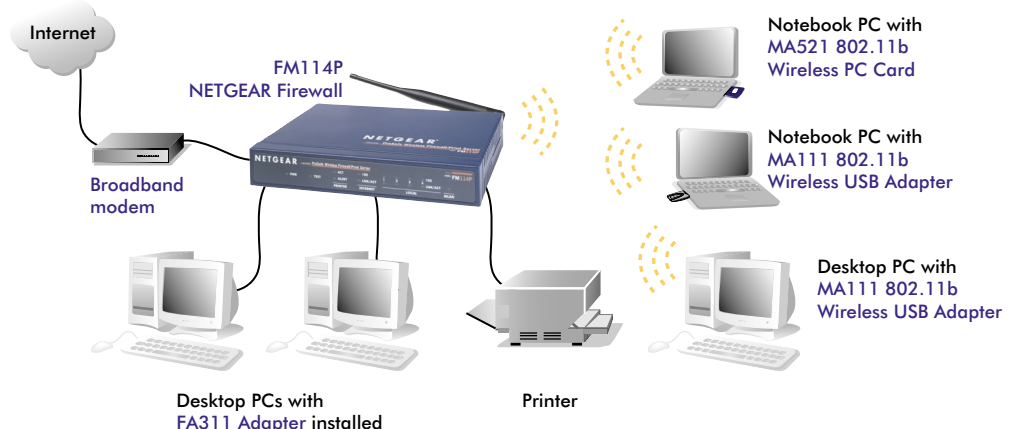
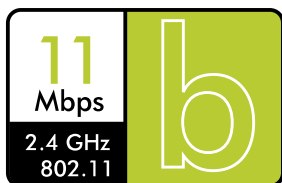
User Friendly

• Smart Wizard connects to your ISP quickly and set up is easy with Smart Wizard install assistant, an interactive step-by-step tutorial. Remote administration capability makes connecting to multiple sites a breeze. The FM114P has an integrated 4-port 10/100 Mbps switch and is compatible with Windows, UNIX, Macintosh, and Linux. It even comes with an Ethernet cable (up to \$15 value).

Flexible and Durable

• Support for DHCP (client and server) as well as PPPoE allows for easy, widespread deployment. The rugged metal unit houses advanced, high-quality chip sets, and NETGEAR's tested and proven technology is backed by a 3-year warranty.

Typical Network Setup



NETGEAR Related Products

- MA521 802.11b Wireless PC Card
- MA111 802.11b Wireless USB Adapter
- MA701 802.11b Wireless Compact Flash Card
- FA311 Fast Ethernet PCI Adapter
- FA511 Fast Ethernet Adapter for notebooks

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 4.0 or higher OR Netscape Navigator 4.0 or higher
- TCP/IP Networking software (Windows® 95, 98, Me, NT, 2000, XP, NetWare®, UNIX®, Linux®, Macintosh)
- Windows 95, 98, Me, 2000, or XP for Print Server

NETGEAR®

4500 Great America Parkway
Santa Clara, CA 95054 USA
Phone: 1-888-NETGEAR (638-4327)
E-mail: info@NETGEAR.com
www.NETGEAR.com

©2004 NETGEAR, Inc. NETGEAR®, the Netgear Logo, ProSafe, and Everybody's connecting are trademarks or registered trademark of Netgear, Inc. in the United States and/or other countries. Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. Other brand and product names are trademarks or registered trademarks of their respective holders. Information is subject to change without notice. All rights reserved.

* 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.

D-FM114P-1



FM114P

Technical Specifications

- **Physical Interfaces:**
 - **LAN port:** four (4) 10/100 Mbps auto-sensing, Auto Uplink™ RJ-45 ports (one Cat 5 UTP cable included)
 - **WAN ports:** 10/100BASE-T Ethernet RJ-45 port to connect to any broadband modem, such as DSL or cable
- **Security Features:**
 - **Firewall:** Stateful Packet Inspection (SPI) to prevent Denial of Service (DoS) attacks (Syn flood, ICMP flood, UDP flood, "ping of death", IP spoofing, land attack, tear drop attack, IP address sweep attack, Win Nuke attack), Intrusion Detection System (IDS) including logging, reporting and e-mail alerts, Web URL content filtering
 - **VPN Functionality:** NAT traversal (VPN pass-through) for IPsec, PPTP and L2TP VPNs
 - **Mode of Operation:** Network Address Translation (NAT), static routing, unrestricted users per port
 - **IP Address Assignment:** Static IP address assignment, internal DHCP server on LAN, DHCP client on WAN, PPPoE client support.
 - **Wireless:** 40-/64- and 128-bit WEP encryption, Web configurable
- **Management Features:**
 - **Administration interface:** Web graphic user interface, user name and password protected. Smart Wizard and Install Assistant for basic parameter settings. Remote management support authenticated through IP address or IP address range, and password.
 - **Configuration and upgrades:** Upload and download configuration settings, field upgradeable flash memory and DRAM
- **Wireless Operating Range:**
 - Indoor
 - @ 11 Mbps 100 ft. (30m)
 - @ 5.5 Mbps 165 ft. (50m)
 - @ 2 Mbps 230 ft. (70m)
 - @ 1 Mbps 300 ft. (91m)
 - Outdoor
 - @ 11 Mbps 500 ft. (152m)
 - @ 5.5 Mbps 885 ft. (270m)
 - @ 2 Mbps 1300 ft. (396m)
 - @ 1 Mbps 1500 ft. (457m)
 - **Modulation Technique:** Direct Sequence Spread Spectrum (DSSS)
 - **Frequency Band:** 2.4 GHz
 - **Certifications:** WECA/Wi-Fi certified
- **Protocol Support:**
 - **Network:** IP routing, TCP/IP, UDP, ICMP, PPPoE
 - **IP addressing:** DHCP (client and server)
 - **VPN/Security:** IPsec, PPTP, L2TP pass-through
 - **Routing:** RIP-1, RIP-2 (Static & Dynamic)
 - **Printing Methods:** Windows PTP (Peer-to-Peer) over TCP/IP and LPD printing
 - **Print Server Protocol:** TCP/IP
 - **Printer Connection:** Parallel Port (36 pin Centronics, bi-directional IEEE 1284 compliant, supports Nibble mode) with up to 1.5 Mbps transfer rate
- **User Support:**
 - **Wireless LAN:** Up to 32 users
 - **Wired LAN:** Up to 253 users (less number of wireless users)
- **RFC Support:**
 - PPTP client and server (RFC 2637)
 - IPSec tunnel mode (RFC 2401) (pass through mode), IP v4
 - DHCP server (RFC 2131)
 - DHCP client (RFC 2131)
 - TFTP client (RFC 1350)
 - IP routing (RIP1, RIP2) (RFC 2453)
 - NAT (many-to-one) (RFC 1631)
 - Compression Control Protocol (RFC 1974)
 - IP control Protocol (RFC 1332)
 - PPPoE (RFC 2516)
- **Functions:** Smart Wizard to automatically detect ISP Address type (static, dynamic, PPPoE), Port Range Forwarding, Exposed Host (DMZ), Enable/Disable WAN Ping, DNS Proxy, MAC Address Cloning, NTP support, URL Content Filtering, E-mail Alerts, DHCP Server (Info and display table), PPPoE login client support, WAN DHCP Client, Diagnostic tools (ping, trace route, other)
- **Maintenance:** Save/Restore Configuration, Restore Defaults, Upgrades via Web Browser, Display Statistics, Logging
- **Hardware Specifications:**
 - **Processor:** ADMtek 5106, 75MHz
 - **Memory:** 1Mb Flash, 4 Mb DRAM
 - **Power Adapter:** 12V DC, 0.8A. Plug is localized to country of sale
 - **Dimensions:** H: 1.25" (3.2 cm), W: 7.4" (18.75cm), D: 4.9" (12.4 cm)
 - **Weight:** 1.8 lb (.82 kg)
- **Environmental Specifications:**
 - **Operating temperature:** 0 to 40°C (32° to 140°F)
 - **Operating humidity:** 90% maximum relative humidity, noncondensing

Package Contents

- FM114P ProSafe 802.11b Wireless Firewall/Print Server
- Power adapter
- 10 ft. (3.05 m) Ethernet cable
- Installation guide
- Resource CD
- Warranty/Support information card

ProSafe 802.11b Wireless Firewall with Print Server