



FR114P

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

Ultimate Security with True Firewall, Routing and Parallel Print Server

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

- Total protection! That's what your office network gets with NETGEAR's ProSafe Firewall/Print Server. This ICSA certified, true firewall is broadband-capable, 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 with access control and encryption. And a built-in print server removes the bottleneck of a dedicated PC print server and supports multiple print jobs simultaneously. 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. There's even a 100 Mbps WAN port for future high-speed broadband services. Smart Wizard install assistant gets your network up and running in minutes.

Thoroughly Protected

- Has everything you want for maximum security coverage: ICSA certified, 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 content filtering and sends you e-mail notification of network activity – reporting and tracking of hacker attempts – as well as real-time alerts.

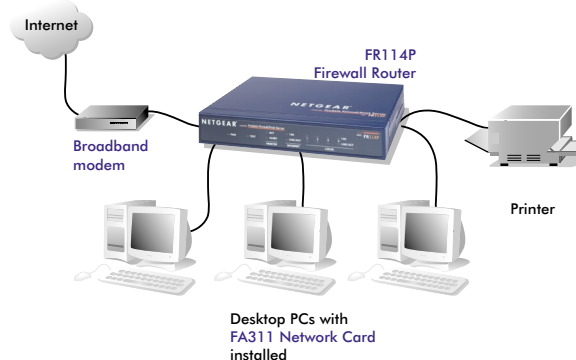
User Friendly

- Smart Wizard connects to your ISP quickly; the easy-to-use Web-based configuration screen and Install Assistant reduce setup time. Remote administration capability makes connecting to multiple sites a breeze. The FR114P 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 & 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®
Everybody's connecting.™



Technical Specifications

Physical Interfaces:

- **LAN ports:** Four (4) 10/100 Mbps auto-sensing, RJ-45 ports (one Cat 5 UTP cable included)
- **WAN port:** 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:** 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

Management Features:

- **Administration Interface:** Web-based graphic user interface, user name and password protected. Smart Wizard and Auto Detect 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

Protocol Support:

- **Network:** IP routing, TCP/IP, UDP, ICMP, PPPoE
- **IP addressing:** DHCP (client and server)
- **VPN/Security:** IPsec, PPTP, L2TP pass-through, Stateful Packet Inspection
- **Routing:** RIP v1, RIPv2 (Static & Dynamic)
- **Printing Methods:** Windows PTP (Peer-to-Peer) over TCP/IP and LPD printing
- **Printer 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:

- LAN: Up to 253 users

RFC Support:

- PPTP client and server (RFC 2637)
- IPSec tunnel mode (RFC 2401)
(pass through mode), IP v.4
- DHCP server (RFC 2131)
- DHCP client (RFC 2131)
- IP routing (RIP1, RIP2) (RFC 2453)
- NAT (many-to-one) (RFC 1631)
- 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, DNS lookup, 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 requirements:** 12V DC, 0.8A; Plug is localized to country of sale
- **Dimensions:** H: 1.3" (3.3 cm), W: 7.4" (18.75 cm), D: 4.9" (12.4 cm)
- **Weight:** 1.8 lb (.82 kg)

Environmental Specifications:

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

Warranty:

- NETGEAR 3-year warranty

NETGEAR Related Products

- FA311 Fast Ethernet PCI Adapter
- FA511 Fast Ethernet Adapter for notebooks
- GA311 Gigabit PCI Adapter

Package Contents

- FR114P ProSafe Firewall/Print Server
- Power adapter
- 10 ft. (3.05m) Ethernet cable
- Installation guide
- Resource CD
- Warranty/Support information card

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 4.7 or higher
- TCP/IP Networking software (Windows®, 98, Me, NT, 2000, XP, NetWare®, UNIX®, Linux®, Macintosh)
- Windows, 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, Auto Uplink 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.