

ROUTER

4-Port DSL/Cable Firewall Router



PN9245F



Get Connected With Hawking

- Instantly Build a Broadband DSL/Cable Network
- Build-in 4-Port 10/100M Switch
- Denial of Service (DoS) attack protection
- On-board URL Content Filtering
- Virtual Private Network (VPN) connection
- Auditing of browsing & attack activities
- High-speed Broadband internet sharing up to 254 users connection
- Compatible with ALL standard Internet applications
- Easy Web-based setup and use
- Easy TFTP Firmware upgrades via network
- Free Tech Support.



Instantly Builds a Broadband Network in Your Home or Small Office

Hawking's PN9245F DSL/Cable Firewall Router provides cost-effective, high level security for Small Office and Home Office (SOHO) users sharing a high-speed DSL/Cable internet connection with true, hardware-based firewall protection. The PN9245F is designed with the advanced Stateful Packet Inspection Firewall technology to prevent **Denial of Service (DoS)** attacks such as **Ping of Death/Teardrop, SYN Flood/LAND Attack, Smurf Attack, IP Spoofing, Port Scan**, etc. from outside intruders. It also provides Internet content filtering capability (based on time of day, URL or URL keywords) that allows parents to be worry-free about kids surfing on the net. The Logs and Alert features will audit browsing activities and notify you immediately via email when your network is attacked. The VPN (Virtual Private Network) Pass-through feature allows you to have fast, reliable and secure to access your corporate network via a public Internet network.

Share Your Broadband DSL/Cable with Advanced Firewall Features

The PN9245F is packed with features. It utilizes Dynamic NAT (Network Address Translation) to expand your existing network without affecting existing IP schemes. This router not only works with the most Always-on and PPPoE (Point-to-Point Over Ethernet Protocol) DSL connection but also with Cable Modem connections. It is designed with a high performance processor and an integrated 4-port 10/100 auto-sensing switch to allows you share up to 254 users using a single ISP user account to reduce your total network cost. It also supports Multiple DMZ (De-Military Zone) Host and Port Mapping technology to allow you to host Web, Email and FTP servers.

And that is not all. The PN9245F has a built-in DHCP (Dynamic Host Configuration Protocol) Server for your LAN and DHCP Client for your WAN. Therefore, there is no need to configure each IP address. Managing the PN9245F is simple as well. The Web-based management makes it easy to configure from anywhere using a web browser. This Router can also be easily firmware upgraded using your Telnet or TFTP connection. Furthermore, it is compatible with all standard Internet applications.

Package Contents:

- One 4-Port DSL/Cable Firewall Router
- One AC power adapter
- 3.5" setup diskette
- Easy to follows owner's manual

Systems Requirement:

Network Software Requirements

- Windows 95/98/NT/2000/ME or
- Any TCP/IP-enabled system such as Mac OS or UNIX

Network Hardware Requirements

- IEEE 802.3 10Base-T or
- IEEE 802.3u 100Base-TX

DSL/Cable Modem Requirements

- DSL modem with RJ-45 (10Base-T) or Cable modem with RJ 45 (10Base-T)

Ready, Network & Go!

It's easy to setup, it's easy to use, and everyone can use it. Plugs in and installs in minutes.

Steps 1 – Connect modem

Connect DSL/Cable Modem 10Base-T's Port to the Router's WAN port.

Step 2 – Configure LAN

Connect the Router's LAN port to your computers, 10/100 Hub or Switch.

Step 3 – Configure it

Run Windows-based Setup program or Web Browser to set Router's IP Address and DNS Address. IP & DNS address provided by your ISP.

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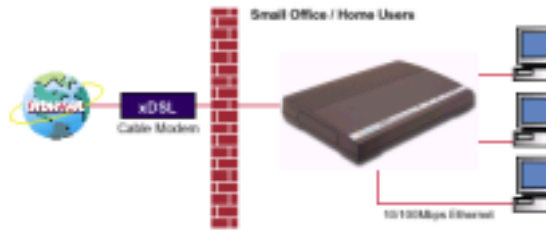
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Network Diagram:



Specification:

WAN Interface: One IEEE 802.3 10Base-T RJ45 Port

LAN Interface: Four Auto-sensing 10/100M RJ45 Ports

LEDs: LAN, WAN and Link/Activity

Dimensions

6 5/8" L x 4 1/4" W x 1 1/8" H
(168 L x 108 W x 28.5 H mm)

Weight: 9 oz

Power: External 12VDC, 1A

Certification

FCC Class A, CE Mark

UL and CSA listed

Operation Temp.

32°F to 122°F (0°C to 50°C)

Storage Temp.

-4°F to 158°F (-20°C to 70°C)

Operation Hum.

10% to 85% non-condensing

Storage Hum.

5% to 90% non-condensing

Features	
Switch	
Ethernet Standards	IEEE 802.2 10BaseT, IEEE 802.3u 100BaseTX
Number of Ports	4 RJ45s, 10/100Mbps MWAY
Switching Method	Store and Forward
MAC Address Cache	1024 Media Access Control (MAC) addresses
WAN	
Broadband Connection	High-speed DSL or Cable connection
Network Interface	10Mbps, UTP (RJ-45)
Cable connections	Host Name & Mac Address Clone
DSL Connection Types	Always-On & PPPoE DSL connections
PPPoE DSL Connection	Dial-on-Demand & Auto-disconnection
PPPoE DSL Diagnostics	Yes

DHCP (client) Support	Yes
IP Multicast Support	Yes (Forwarding)
Multimedia Streaming Protocol Support	RTSP (Real Player, QuickTime, IP/TV Video on Demand, NetMeeting , etc.)
Firewall Technology	Stateful Packet Inspection (SPI)
Intrusion Detection (Denial of Service Protection)	Yes (SYN Flood/LAND, Ping of Death/Teardrop, IP Spoofing, Smurf Attack, WinNuke, Port Scan)
LAN	
Protocol Support	TCP/IP, NAT
Network Operating System Support	Windows 95/98/98SE/ME, Windows NT/2000, Mac OS, UNIX
Built-in DHCP Server	Yes (User-definable IP Ranges & Fixed IP Table)
TCP/UDP Port Mapping	Yes
Multi-DMZ Host	Yes (8, Multi-NAT/Many-to-Many)
Static Routing Table	Yes
Network Access Rules	Yes (logs when any rule is violated)
Internet Access Monitor	Yes
Log & Alerts	Yes (Log & E-mail alerts for intrusions)
URL Content Filtering	Yes (10)
RIP I & RIP II Support	Yes
VPN Support	Yes (PPTP & IPSec Pass-through)
NetMeeting Support	Yes
Remote Management	Yes (Enable/Disable, from WAN side)
Tools	Ping (on the router)
Management	
Management	Web browser & Telnet
Firmware Upgrade	TFTP
Reset/Load Default button	Yes

Ordering Information:

PN9225 1-Port DSL/Cable Router

PN9235 4-Port DSL/Cable Router

PN9230 1-Port DSL/Cable VPN Router

PN9245F 4-Port DSL/Cable Firewall Router

PN9255W 4-Port DSL/Cable Firewall Wireless Router with Print Server

PN8228 2-Port Analog Modem Router

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