Barricade™
4-Port Broadband Router with Built-in Print Server

Model Number: SMC7004ABR

NetworkWorld BLUE RIBBON AWARD

EZ 3-click Installation wizard

The Barricade™ is an ideal all-in-one networking solution for home and small business users. This platform independent multi-functional broadband router combines a 4-port 10/100 Mbps dual speed switch, a built-in print server, an RS232 COM port for fail-over dial-up or modem connections, and firewall capability for security against hackers and other unauthorized users.

The Barricade™ provides a 10/100 WAN port as well as Network Address Translation (NAT), which translates your WAN IP address into private LAN IP addresses keeping your internal network hidden from the rest of the Internet. Barricade fully supports VPN tunneling via L2TP, PPTP, and IPSec pass-through allowing remote users secure access to their corporate infrastructure. Also, a feature known as Hacker Attack Logging has been implemented which detects, logs, and reports any potential hacker attacks to your network.

The Barricade™ broadband router also allows the connection of multiple users to the Internet using a single WAN IP address. LAN IP addresses are auto-assigned and easily managed through DHCP server capabilities, and the IP routing supports a range of popular applications.

This new device is a complete networking solution for PC or Mac users, and is backed by SMC's limited lifetime warranty and 24/7 technical support.

Benefits

Features

- Firewall security through Network Address Translation
- Built-in Print Server
- RS-232 Port for connection to an external 56K modem or ISDN TA
- 4 auto-MDIX/MDI ports – no crossover cables required
- Hacker Attack Logging
- VPN tunneling via L2TP, PPTP, and IPSec pass-through

Benefits

- NAT-based firewall provides a high level of security for your network
- Built-in Print Server alleviates the need to keep one PC on at all times to act as a print server
- The RS-232 Port allows for back-up dial-up capability in case your Cable/xDSL connection goes down
- True plug and play device – All ports can be cascaded to another switch or PC to grow your network easily. No crossover cable required
- Hacker Attack Logging provides a method of monitoring any potential hackers trying to break into your network
- VPN pass-through support allows remote users secure access to their corporate infrastructure

Compatibility

- IEEE 802.3
- IEEE 802.3u
- Platform independent - works with PCs or Macs

Barricade™
4-Port Broadband Router with Built-in Print Server

SMC7004ABR

Ports
- Four 10Base-T/100BaseTX RJ-45 ports (auto-MDIX/MDI)
- One 10Base-T/100BaseTX Broadband WAN port
- One DB-9 port for PSTN/ISDN connection
- One DB-25 printer port

Internet Sharing Methods
- Static IP, Dynamic IP, PPPoE, Dial-up networking

Protocols
- TCP/IP, PPTP, IPSec (VPN)

Cabling Type
- 10Base-T: UTP/STP Category 3 or 5
- 100Base-TX: UTP/STP Category 5 or better

Topology
- Star

Speed
WAN:
- 10 Mbps (10Base-T Ethernet)
- 100 Mbps (100Base-TX Fast Ethernet)

LAN:
- 10 Mbps (10Base-T Ethernet) or
- 100 Mbps (100Base-TX Fast Ethernet)

LEDs
LAN ports:
- Power
- Link
- Activity

WAN ports:
- Link

Print Server
- Supports Win 95/98/NT/2000, UNIX LPR

NAT Router - Ethernet Interface
- Static or dynamic IP, PPPoE

NAT Router - Ascynchronous Interface
- Auto-disconnect
- PAP/CHAP
- PPP
- ISDN TA

Configuration & Management
- Web-based

Maximum Users
- NAT: 253 PCs

Features
- DHCP server/client, VPN pass-through, Print server, NAT firewall

Standards
- IEEE 802.3
- IEEE 802.3u

Certifications
- FCC Class B, CE Mark, CSA/NRTL, UL 1950, GS (EN60950), CB (IEC60950)

Size
- 7.5" x 4.5" x 1.3"

Weight
- 2 lb.

Operating Temperature
- 0°C to + 40°C

Non-Operating
- -40°C to 70°C

Humidity
- 10% - 90%

Warranty
- Limited lifetime

Product	Description
SMC7004ABR	4-Port 10/100 Mbps Broadband Router with Built-in Print Server