**Security**

**Barricade™ Plus**

**Cable/DSL Broadband Router with VPN**

**Model Number:** SMC7004FW

The Barricade Plus Broadband Router (SMC7004FW) is the ideal networking solution for both the home and business user. This platform independent multi-function router combines a 4-port 10/100 Mbps dual speed switch, and a robust Stateful Inspection firewall into one convenient device. The Barricade Plus supports various network protocols, such as TCP/IP and NetBEUI, while also providing support for VPN connections with PPTP, L2TP, and IPSec pass through.

The Barricade Plus Broadband Router (SMC7004FW) provides a 10/100 Mbps WAN port for high-speed integration into your network. Supporting Network Address Translation (NAT), the Barricade can provide simultaneous Internet access for up to 253 PCs. The Barricade Plus will provide this access through a single IP address, purchased from your ISP. To manage these connections, this NAT router has a built-in DHCP server to auto-assign IP addresses to devices on your network. By using the built-in web-based interface, you can configure this router to handle IP routing and port forwarding through the Virtual Server option. For added management, the router also has a full-featured Access Control option. The integrated feature allows you to filter traffic through your network based on scheduled time, IP address, or MAC address.

The Barricade Plus Broadband Router (SMC7004FW) has an integrated Stateful Packet Inspection (SPI) firewall feature to provide a high level of security against hacker invasions, such as Denial of Service (DoS) attacks. The highly efficient SPI firewall analyzes individual data packets, as they pass through the Barricade, to ensure that only authorized packets are allowed access to your network. To control network access, parents or business owners can block certain web sites by entering either a URL address or just a keyword of the web site. In addition to these incredible features, this latest addition to the Barricade family also provides hacker prevention and logging functionalities. For example, when a hacker attempts to access your network, the Barricade Plus can alert you via email so you can take appropriate action.

To complement the incorporated SPI firewall functions, the Barricade Plus router has a built-in VPN tunnel that supports multiple IPSec and PPTP Client/Server connections. This VPN functionality is the perfect solution for remotely accessing a network securely by establishing an authenticated and encrypted tunnel over the Internet. No matter what connection you set up, you can be well assured that your data is being transmitted and exchanged in the most secure manner. This integrated VPN connection is an ideal solution for individuals who telecommute from home or small offices that need to create a single VPN connection to securely connect to remote offices, but do not want the hassle of a confusing server setup.

The Barricade Plus Broadband Router is a comprehensive networking solution for PC or Mac users, and is backed by SMC’s limited lifetime warranty. Combine all of these features and functionality with SMC’s award-winning technical support and service, and you have the perfect network device for any situation.
**Barricade™ Plus**  
**Cable/DSL Broadband Router with VPN**

### SMC7004FW

**Ports**
- Four 10Base-T/100Base-TX, RJ-45 LAN ports with automatic MDI/MDIX feature
- One 10Base-T/100Base-TX Broadband WAN port

**Internet Sharing Method**
- Static IP
- Dynamic IP
- PPPoE
- NAT

**Protocols**
- TCP/IP, PPTP/L2TP/IPSec pass through (VPN)
- IPSec/PPTP Client and Server (VPN)
- MD5, SHA1
- DES, 3DES
- DNS
- SNTP
- HTTP
- SNMP
- PPP Internet Control Protocol
- PPP Authentication Protocol
- Point-to-Point Protocol

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

**Speed**
- WAN Port: 10/100 Mbps
- LAN Ports: 4-port 10 Mbps/100 Mbps

**LEDs**
- Power
- WAN
- Link
- Activity

**NAT Router – Ethernet Interface**
- IP, PPPoE

**Configuration and Management**
- Web-based

### Maximum Users
- NAT: 253 Nodes

### Features
- DHCP Client/Server, Stateful Packet Inspection Firewall, multiple IPSec/PPTP VPN tunnel, NAT, Hacker Attack prevention and logging

### Upgrade Method
- Web

### Standards
- 802.3
- 802.3u
- RFC

### Certifications
- CSA/NRTL (UL1950, CSA 22.2.950)
- GS (EN60950)
- CB (IEC60950)
- FCC Class B
- CE Mark

### Power
- 12V/1A

### Size
- 7.5” x 4.5” x 1.3”

### Weight
- 1 lb

### Temperature
- 32˚ ~ 104˚ F in operation
- -40˚ ~ 158˚ F in storage

### Humidity
- 10% ~ 90% (non-condensing)

### Warranty
- Limited Lifetime

---

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMC7004FW</td>
<td>Cable/DSL Broadband Router with VPN</td>
</tr>
</tbody>
</table>