The EZ-Stream™ Universal Wireless Broadband Router (SMC2304WBR-AG) is ultimate device for setting up your high-speed wireless network. This platform independent Universal Router combines four devices into one box, including a full-featured Router, Auto-Sensing 10/100Mbps Switch, Advanced SPI firewall and ultra-fast Dual-Band Wireless Access Points. The Router function lets you securely share one high-speed Internet connection among your entire network. Wired computers can be connected to the built-in 4-port auto-sensing full duplex 10/100 Switch - which can be expanded to meet a growing network by adding a SMC Hub or Switch. For wireless connectivity, the EZ-Stream Universal Router supports any 802.11a, 802.11b, or 802.11g, to insure that any wireless clients can connect.

This new EZ-Stream Universal Wireless Broadband Router contains two independent turbo-charged Wireless Access Points, supporting all three of the 802.11 Wi Fi networking standards. One of the Access Points provides broadcasts on the popular 2.4GHz radio band to support both the 802.11b standard at 11Mbps, and the faster, 802.11g at 108Mbps. The second Access Point radio functions in the 5GHz band, and supports 802.11a networking, also at 108Mbps. Since the two radios operate in different bands, they can operate at the same time to create a universal environment where any 802.11 standard will able to connect to your network. Combine these ultra fast Turbo A and Super G modes with the built-in Quality of Service (QoS) and you have the perfect Router for streaming audio and video from your networked PCs to your TV or Radio using the SMC EZ-Stream Digital Media Receiver (SMCWMR-AG). To extend the range of your Wireless Network, the new EZ-Stream Universal Wireless Broadband Router also supports a Wireless Distribution System (WDS) option that repeat the wireless signal to another WDS-enabled device.

To protect your network data and personal information, this new Universal Broadband Router supports several wired and wireless security features. For wireless security the Universal Router supports Wi-Fi Protected Access™ (WPA), 64-/128-bit Wired Equivalent Privacy (WEP), and a disable SSID broadcast option to hide your wireless network from outside scans. The SMC2304WBR-AG also supports MAC Address filtering which applies to both the wired and wireless clients on your network, when enabled, only clients listed in the table will have access to the internet and your network. Other popular features included in this Router are, support for 8 DMZ hosts, fully configurable SPI firewall, email alert, VPN pass-through, and Universal Plug-and-Play support. To control network access, parents, or business owners can block certain websites by entering either a URL address or just a keyword of the website based on time and date. All of these features can be configured through the new improved web-based configuration tools.

The new SMC EZ-Stream Universal Wireless Broadband Router is a comprehensive networking solution for PC, Mac, or Linux users to share a high-speed Internet connection, share files and printers, play online games, and easily communicate with instant message programs. Combine these features with Installation minutes with the EZ 3-Click Install Wizard, Free Firmware and Feature upgrades, and if needed SMC Networks’ 24/7 Free Technical Support and you have the perfect solution for any user.

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
<th>Compatibility</th>
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</thead>
<tbody>
<tr>
<td>• Universal Wireless Support: Compatible with 802.11a, 802.11b, and 802.11g.</td>
<td>• Up to 108Mbps of throughput, ideal for band width intensive applications.</td>
<td>• Platform independent - works with PC, Mac, and Linux.</td>
</tr>
<tr>
<td>• High-Speed Wireless Data rates up to 108Mbps – Supports both Turbo A and Super G modes</td>
<td>• Universal Wireless Connectivity with Dual-band, tri-standard Access Points that can communicate with 802.11a, 802.11g, and 802.11b wireless clients</td>
<td>• IEEE 802.3, 802.3u</td>
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<tr>
<td>• Built-in Auto-Sensing 4-Port 10/100 Switch to support wired clients – No Need for Crossover Cables or Uplink Port</td>
<td>• Future-proof your network for tomorrows home entertainment wireless networking technologies,</td>
<td>• IEEE 802.11a, 802.11g, and 802.11b compliant</td>
</tr>
<tr>
<td>• Wireless Security features with 64-/128-bit WEP Encryption, Disable SSID Broadcast, and WPA support.</td>
<td>• Advanced NAT feature securely shares your high-speed Internet connection and protect your personal network information.</td>
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<tr>
<td>• Advanced Feature set including, Access Rules, Client Application Filtering, MAC Address Filtering, and support for 8 DMZ Hosts,</td>
<td>• Quality of Service (QoS) support for Multimedia based applications and content</td>
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<tr>
<td>• Fully Configurable Stateful Packet Inspection (SPI) Firewall.</td>
<td>• Hacker Attack logging and email alerts keeps you aware of any attempts to access your network without your permission.</td>
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<td>• Easily Connect to your Corporate Network using Virtual Private Networking (VPN) – Supports VPN Pass-Through</td>
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<tr>
<td>• Configurable your Barricade Router using a standard a Web Browser, both from your network work and remotely over the Internet</td>
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<tr>
<td>• Built in DHCP Server to support up to 253 clients.</td>
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<td>• Integrated DDNS feature for automatic updating of your WAN IP.</td>
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<tr>
<td>• Full Universal Plug and Play Support</td>
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<tr>
<td>• Get alerted when an attempt is made to access your network with the built-in email alert system.</td>
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**EZ-Stream™**

2.4/5 GHz Universal Wireless Broadband Router

**SMC2304WBR-AG**

**Standards**
- 802.11g Compliant
- 802.11b Compliant
- 802.11a Compliant
- 802.3
- 802.3u

**Data Rates**
- 1/2/5.5/6/9/11/12/18/24/36/48/54 Mbps
- 108 Mbps Turbo Mode

**Security:**
- 64-/128-bit WEP
- 802.1x (Radius)
- Wi-Fi Protected Access™
- Advanced Encryption Standard (AES)

**Configuration and Management**
- Web Configuration and firmware upgradeable

**Internet Sharing Methods**
- Static IP
- Dynamic IP
- PPPoE
- PPTP WAN
- Big Pond

**Protocols**
- TCP/IP
- PPTP/L2TP/IPSec Pass-through (VPN)
- DNS
- NAT
- DHCP
- HTTP

**LED Indicators**
- Power
- WLAN 11a
- WLAN 11b/g
- LAN Link/ACT
- LAN Speed
- WAN

**Modulation Type**
- Orthogonal Frequency Division Multiplexing (OFDM)
- Complementary Code Keying (CCK)
- Direct Sequence Spread Spectrum (DSSS)

**IEEE 802.11b and 11g compliant:**
- 11 channels (US, Canada)
- 13 channels (ETSI)
- 14 channels (Japan)

**Antenna Type**
- Two Non-Detachable Dual-band Dipole Antennas

**Operating Voltage**
- 3.0V ~ 3.6V

**Power**
- 12V, 1000 mA

**REGULATION COMPLIANCE**
- FCC Part 15 Class B, Sec. 15.247 and 15.109
- ETS 300 328, ETS 300 826, EN60950 and CE-Mark
- Industry Canada

**Operating Temperature**
- 0 ~ 55 oC ambient

**Storage Temperature**
- -20 ~ 75 oC ambient

**Size**
- 130 x 85 x 32mm

**Weight**
- 370g

**Warranty**
- Limited Lifetime
- Toll-Free 24x7 Product Support

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