Gateway Label

The gateway label is located on the bottom of the SBG6700-AC Gateway.

To receive high-speed Internet service, your service provider may request the Media Access Control (MAC) address (see **HFC MAC ID**) and serial number (see **S/N**) located on the gateway label.

Place
Label
Here

Front Panel LEDs

During normal operation, the **Power**, **Receive**, **Send**, and **Online** LEDs on the SBG6700-AC front panel should always be lit SOLID green or blue.

*Note: During startup, the first four LEDs will FLASH and then light up SOLID in sequential order. If the **Power** LED does not light, please first check the gateway power connection before contacting ARRIS. If the other LEDs do not light up correctly, please contact your service provider for assistance.*

LED Status

POWER	**ON** - Power is properly connected
RECEIVE	**ON** - Downstream channel is connected
SEND	**ON** - Upstream channel is connected
ONLINE	**ON** - Gateway is connected to the network
WIRELESS	**FLASH** - 2.4 GHz wireless connection between the gateway and a Wi-Fi enabled device
WIRELESS	**FLASH** - 5 GHz wireless connection between the gateway and a Wi-Fi enabled device

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Touchstone® SBG6700-AC Wireless Cable Modem Gateway

Quick Start Guide

In the Box

SBG6700-AC Wireless Cable Modem Gateway

Power Supply

Ethernet Cable

Software License & Warranty Card

Quick Start Guide

What You Should Know

The SBG6700-AC is a combination wireless cable modem and router that provides wirelesshigh-speed Internet access. The SBG6700-AC connects to the existing coaxial cable connection in your home and does not require any new wiring.

This quick start guide will help you install the SBG6700-AC Wireless Gateway and set up a secure wireless network connection.

To customize your wireless network configurations and other advanced gateway settings, see the **SBG6700-AC User Guide** which is available online at the ARRIS Support website, **www.arrisi.com/consumer**. FAQs and additional product documentation are also available.

Set Up a Wireless Network Connection

Choose one of the following two options to set up your wireless network connection. When done, continue with **"Test Your Wireless Network Connection."**

- **Computer Wireless Network Options**
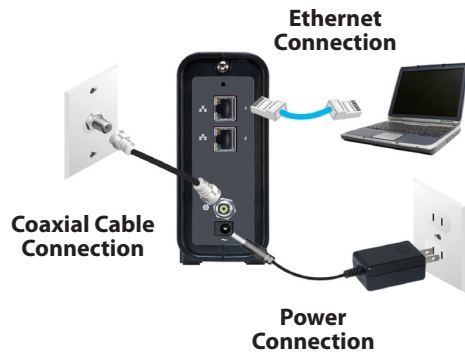- **WPS Pairing Button**

IMPORTANT! During the installation or gateway activation, you may need to contact your service provider for assistance. To save time, make sure you have the **Gateway model number (SBG6700-AC), HFC MAC ID**, and **Serial Number (S/N)** located on the label on the bottom of the gateway.

Install the Gateway

1. Connect the coaxial cable to the cable wall outlet or RF splitter (optional) and the **Cable** connector on the SBG6700-AC.

   Use your hand to tighten each connector.

2. Connect the Ethernet cable to the **Ethernet** port on your computer and an **Ethernet** port on the SBG6700-AC.

3. Connect the power cord to the **Power** port on the SBG6700-AC and then plug it into an electrical wall outlet.

   This automatically powers ON the SBG6700-AC. Check the front panel LEDs. During the initial startup, the **Power**, **Receive**, **Send**, and **Online** LEDs on the SBG6700-AC will FLASH. Afterwards, check that all four LEDs are lit SOLID. The Wireless LEDs will light up only when wiresless devices are connected. See **Front Panel LEDs** on page 4 for more information.

Ethernet Connection

Coaxial Cable Connection

Power Connection

Test the Gateway Connection

1. Power ON your computer and log in.

2. Contact your service provider to activate (provision) the SBG6700-AC.

   Note: Your service provider may allow for automatic activation which will automatically launch a special website when you open a web browser.

3. Open a web browser on your computer, such as Internet Explorer, Firefox, Google Chrome, or Safari.

4. Type a valid URL (for example, **www. arris.com**) in the address bar and then click or press **Enter**.

   The ARRIS website should open. If the web page did not open, please contact your service provider for assistance.

WPS Button

Power
Receive
Send
Online
Wireless 2.4 GHz
Wireless 5 GHz

Set Up a Wireless Network Connection

Choose one of the following two options to set up your wireless network connection. When done, continue with **Test Your Wireless Network Connection**.

• Computer Wireless Network Options
• WPS Pairing Button

A Set Up the Wireless Network on Your Computer

Note: The steps for setting up a wireless network may differ slightly depending on the operating system installed on your computer. The followng steps apply to Windows® 7.

1. From the Windows taskbar, click the following in sequential order:
   • **Start** button
   • **Control Panel**
   • **Network and Sharing Center**
   • **Set up a new connection or network**
   • **Manually connect to a wireless network**

   The Wireless Network Connection window should open.

2. Type the ARRIS wireless network name or a different name to identify your wireless network in the **Network name** field.

   For the ARRIS network name, see **SSID** number listed on the gateway label.

3. Select the network security type from the **Security type** drop-down list.

4. Select the Encryption type from the drop-down list.

5. Type your wireless network password in the **Security Key** field.

   You can create your own password or use the **Wi-Fi Security Key** listed on the gateway label.

6. Select **Hide characters** to hide your password for security purposes.5
7. Select **Start this connection automatically.**

8. Click **Next** to complete the wireless network connection. The **Successfully added** message should display.

9. Close the Wireless Network Connection window.

ß Use the WPS Pairing Button

To use WPS, your computer must support WPS and also have WPA security compatibility.

The WPS option automatically assigns a random SSID wireless network name and Wi-Fi Security Key to connect the SBG6700-AC and other WPS-enabled devices to your wireless network.

1. Power ON the SBG6700-AC and other WPS-enabled devices that you want to connect to your wireless network.

2. Press the WPS button located on the top of the SBG6700-AC.

3. Press and hold the WPS button on your WPS-enabled computer or other device for five or more seconds, then release.

4. Repeat steps 2 and 3 for each additional WPS-enabled device.

Test Your Wireless Network Connection

1. If connected, disconnect the Ethernet cable from your computer and the SBG6700-AC.

2. Open a web browser on your computer.

3. Type a valid URL (for example, **www.arris.com**) in the web browser address bar, and then click or press **Enter**.

Start the Gateway Web Manager

Use the SBG6700-AC Web Manager to set up and manage your gateway and network security configurations.

1. Open any web browser on the computer connected to the SBG6700-AC.

2. Type **192.168.0.1** for the Gateway Web Manager IP address, in the address bar and then press **Enter**.

3. Type the default user name: **admin**

4. Type the default password: **password**

   Note: If the default user name and password are not accepted, contact your service provider for assistance.

5. Click **Login** to open the web manager. .