

SMART/RG®
forward thinking

Quick Start Guide

SR570ac



This Quick Start Guide shows you how to set up and start using your new gateway.

INSTALLATION

Locate the splitter cable that is included with your SmartRG gateway. It has three ports.

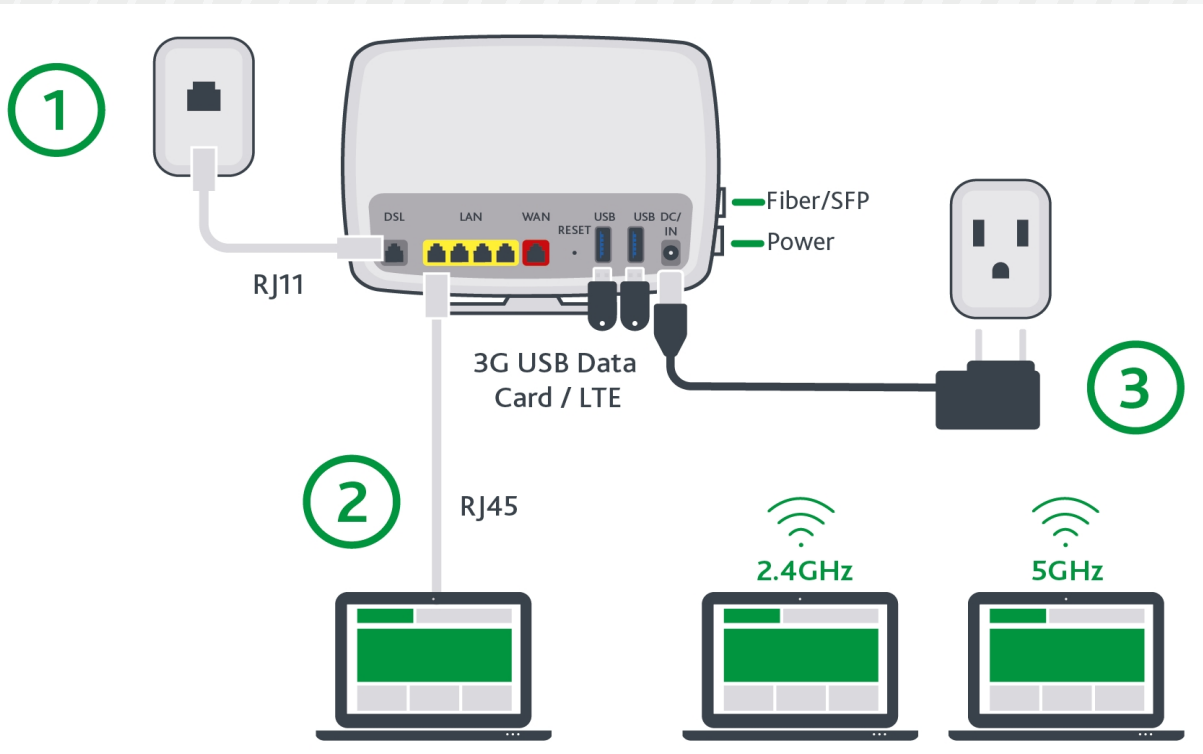
1. Connect one end of an Ethernet cable to the wall jack installed by your service provider. Connect the other end to the **WAN** port on the gateway.
2. Connect one end of an Ethernet cable to a **LAN** port on the gateway. Connect the other end to the **Ethernet** port on your PC.
3. Plug the power adapter to the wall outlet and then connect the other end of it to the **Power** port of the gateway.
4. Turn on the unit by pressing the **Power** button on the side of the gateway.

Your gateway is now automatically being set up to connect to the Internet. This process may take a few minutes to complete before you can begin using your Internet applications (browser, email, etc.).

Notes:

- If you use 3G WAN service, connect the 3G USB data card to the **USB** port of the gateway.
- If you use DSL service, connect the supplied phone cable to a phone wall jack and the other end to the **DSL** port on the gateway.
- You cannot use the xDSL uplink, 3G WAN service, and Ethernet uplink at the same time.

If you are unable to connect to the Internet, confirm that all cable connections are in place and the gateway's power is turned on.



LED INDICATORS

The LEDs on the front of the SR70n gateway can help you understand the current state of your adapter.

Legend: ● White ⚙ White blinking ● Red Green Green blinking

All LEDs <i>except</i> those listed below	●	Feature enabled &/or working correctly
	⚙	Data being transferred
POWER	●	Device in CFE mode Device powered on and ready for use
WAN	●	WAN connection active
LAN		LAN connection active Data being transferred

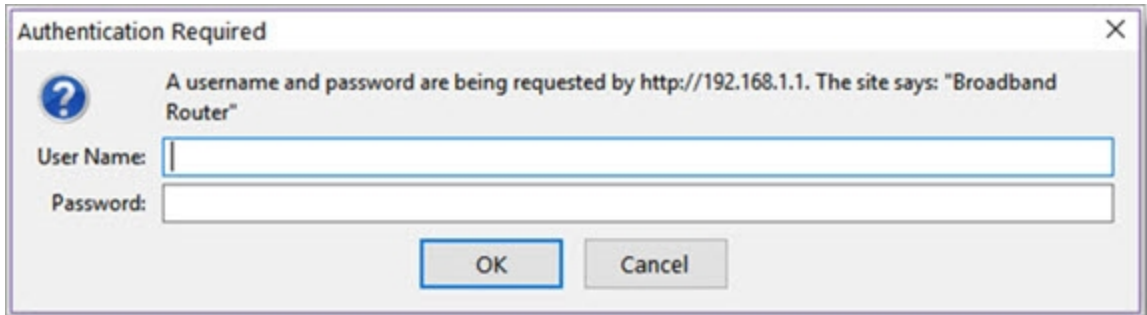
QUICK GATEWAY CONFIGURATION

Warning: Do not press the **Reset** button unless you want to clear the current settings. The **Reset** button is in a small circular hole on the rear panel. If you want to restore the default settings, insert a thin wire (such as a paper clip) into the hole, press the **Reset** button gently for 1 second, and then release the button. The system reboots and returns to the factory defaults.

Logging in to your gateway

To change the settings on your gateway, you must log in the gateway's interface. Make sure that you have completed the steps in "INSTALLATION" before you begin.

1. Open your internet browser application and type 192.168.1.1 into the address line. The authentication dialog appears.



2. Enter the default credentials shown below and click **OK**.

User Name: admin

Password: admin

Note: Your service provider may use other settings. Contact your provider for details.

3. At the bottom of the page, click **Manage gateway (advanced)**. The gateway interface appears, showing the Device Info summary page.

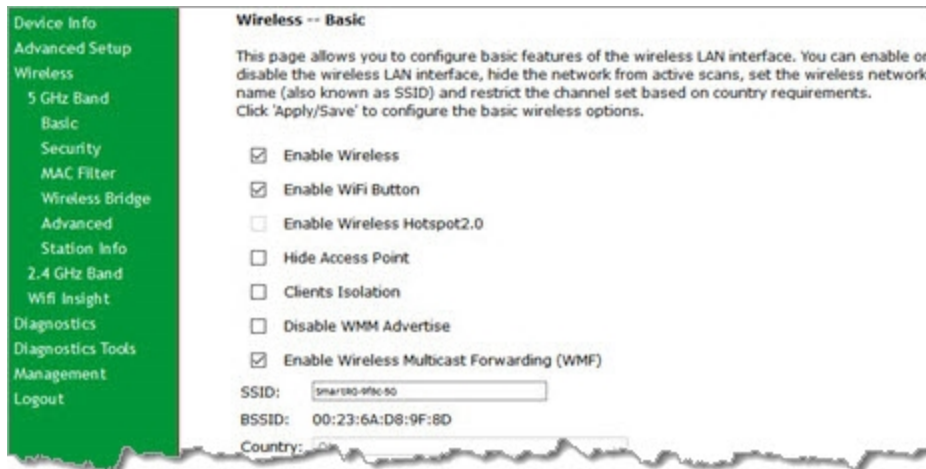
Configuring the WAN manually

If the automatic connect process is unsuccessful, refer to the **Advanced Setup > Layer 2 Interface** and **WAN Services** sections of the *SmartRG SR570ac Gateway User Manual* to manually establish a connection.

WiFi Setup

Two methods, **A** WPS and **B** Manual, are available for configuring your wireless connection. Perform the steps on this page first, and then follow the instructions for the applicable method.

1. In the left menu, click **Wireless**. The Wireless Basic page appears.



2. If desired, in the **SSID** field, enter the network name to which you want your client devices connected.
3. Continue with the steps for the method you prefer.

WPS Method

If the device you wish to connect to the Internet via your gateway supports the WPS secure WiFi connection method, follow these steps.

1. In the left menu, click **Wireless**. Click the wireless band that you want to configure and then click **Security**.
2. In the **Enable WPS** field, verify that **Enabled** is selected.
3. Click **Apply/Save** to commit your selection.
4. Within 2 minutes, activate **WPS** on the 3r- party device to which you wish to connect. The device may have a pushbutton on its exterior or a software interface is used to initiate WPS connection. To learn how to use the WPS feature on your client device, refer to its documentation.

Your device should now be connected to your gateway wirelessly using WPS. If you encounter problems with the WPS setup such as connection failure, refer to the documentation for your client device for further instructions.

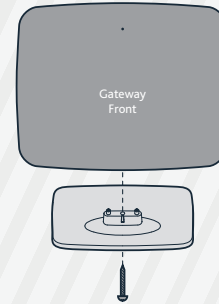
B Manual Method

You can manually configure a wireless connection. Once your gateway's other parameters are set up, follow these steps.

1. In the left menu, click **Wireless**. Click the wireless band that you want to configure and then click **Security**.
2. Scroll down to the **Manual Setup AP** section.
3. If your gateway supports multiple wireless networks, select the **SSID** of the network you wish to configure. You will need this ID for Step 8.
4. Select the desired **Network Authentication** method. Make sure that the host devices you intend to use support the authentication method that you select.
5. If desired, choose a **WPA/WAPI passphrase** and type it in to this field. To use the default passphrase, click **Click here to display** and copy the passphrase. You will need this passphrase for Step 8.
6. Select any desired **encryption preferences** in the next three fields.
7. Click **Apply / Save**.
8. Follow the Wi-Fi connection instructions provided with your client device to connect to the gateway. Enter the **SSID name** that you selected in Step 3 and the passphrase from Step 5 in the corresponding fields on the network setup screen of your Wi-Fi client device.

OPTIONAL WALL MOUNT

- ① Using a Phillips-head screwdriver, remove the mount from the bottom of the gateway.
- ② Using the template below, attach the two screws to the wall. Using wall anchors is recommended.



Slide the back of the gateway down on the screws.

- ③ **Note:** If a bracket is included with your gateway, slide the bracket into the holes on the back of the gateway and then slide the bracket down on the screws.



Record your SR570ac WiFi Settings

Predefined wireless settings

If you change the preset wireless settings

WiFi network name (SSID)

Network key (password)

Additional Support

If you require further instructions, please contact your local ISP Support.

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Important Safety Instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. **CAUTION** - To Reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.

The socket-outlet shall be installed near the equipment and shall be easily accessible.

Importantes Mesures de Sécurité

tre prises pendant l'utilisation de matériel téléphonique afin de réduire les risques d'incendie, de choc électrique et de blessures. Certaines mesures de sécurité doivent et de blessures. En voici quelquesunes:

1. Ne pas utiliser l'appareil près de l'eau, p.ex., près d'une baignoire, d'un lavabo, d'un évier de cuisine, d'un bac à laver, dans un sous-sol humide ou près d'une piscine.

2. Éviter d'utiliser le téléphone (sauf s'il s'agit d'un appareil sans fil) pendant un orage électrique. Ceci peut présenter un risque de choc électrique causé par la foudre.
3. Ne pas utiliser l'appareil téléphonique pour signaler une fuite de gaz s'il est situé près de la fuite.
4. **ATTENTION** - Pour réduire les risques d'incendie, utiliser uniquement des conducteurs de télécommunications 26 AWG au de section supérieure.

le socle de prise de courant doit être installé à proximité du matériel et doit être aisément accessible.

FCC Statements

FCC - Part 68

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom case of this equipment is a label that contains, among other information, a product identifier in the format US: VW7DL01ASR570A. This indicates a REN (Ringer Equivalency Value) of 0.1.

This equipment uses the following USOC jacks: RJ-11/RJ45/USB/Power Jacks.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

Ringer Equivalency Number Statement

REN=0.1

The Ringer Equivalence Number (REN) indicates the maximum number of devices allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices not exceed five.

L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

Notice: The Ringer Equivalency Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair or warranty information, please contact SmartRG, Inc. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this device does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

IC CS-03 statement

This product meets the applicable Industry Canada technical specifications.

Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

The Ringer Equivalence Number (REN) is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices not exceed five. / L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas cinq.

FCC - Part 15

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a

residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and consider removing the no-collocation statement.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie I) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

EMC Compliance Statement

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

5GHz

5150-5250 MHz band is restricted to indoor operations only.