SMART/RG®
forward thinking

Quick Start Guide

SR905ac

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

Installation

1. Connect one end of an Ethernet cable to the **WAN** port on the gateway and connect the other end of the cable to the wall jack installed by your provider.

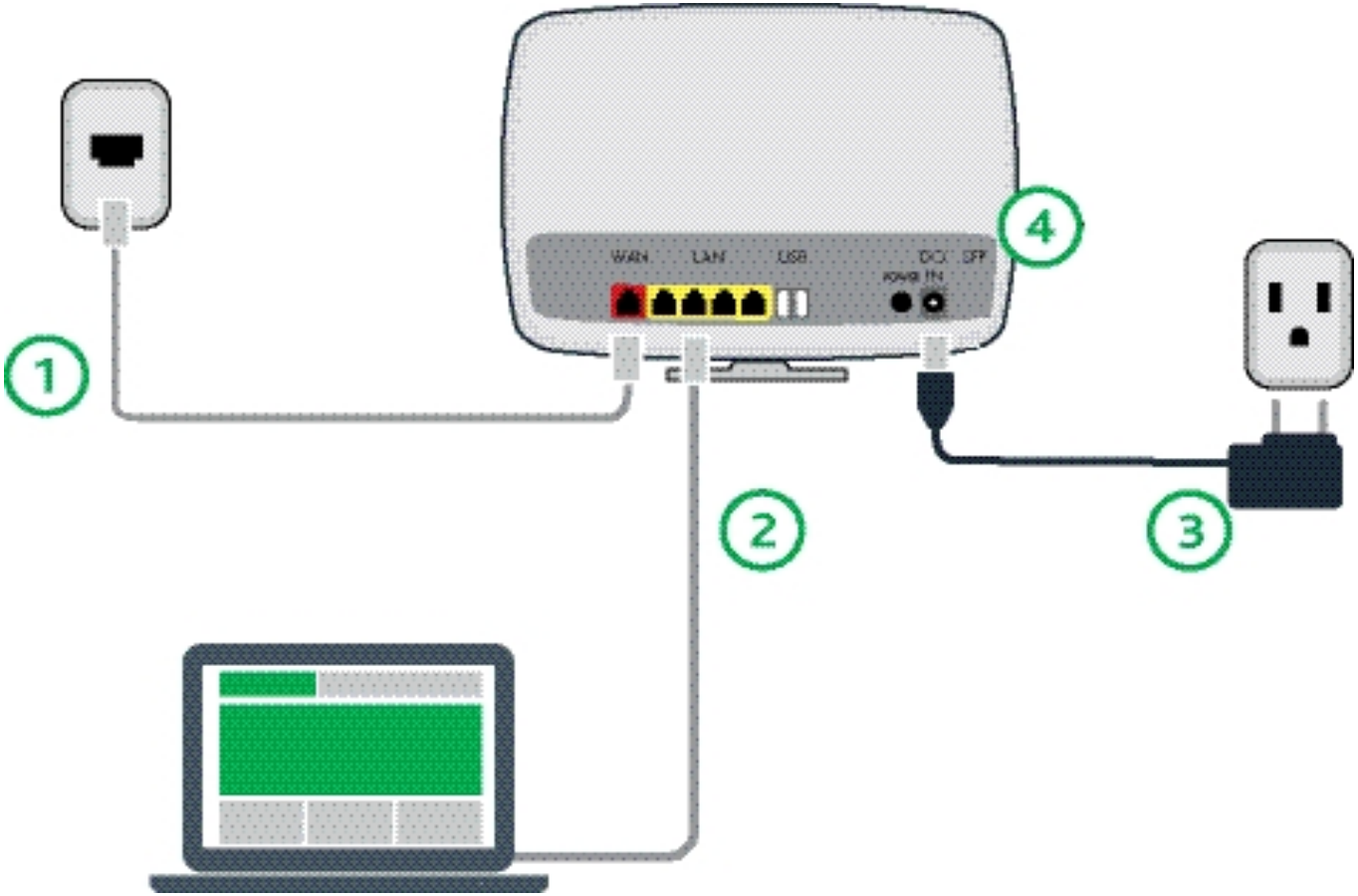
2. Connect a LAN port on the gateway to your PC using an Ethernet cable.

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.

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


WAN
LAN
USB
DC
SFP
POWER IN
1
2
3
4

LED Indicators

The LEDs on the top of the SR905ac can assist you in better understanding the current state of your gateway.

Legend: White | White blinking | Green | Green blinking | Red

LED	Action	Explanation
Power	White blinking	Device in CFE mode
	White	Device powered on and ready for use
Internet	White	Gateway online
	White blinking	Data being transferred
	Red	Internet authentication / connection has failed
1-4	White	LAN Ethernet connected (at 1000 BASE-T)
	White blinking	Data being transferred (at 1000 BASE-T)

LED	Action	Explanation
WAN	○	Device online (at 1000 BASE-T)
	●	Device online (at 10/100 BASE-T)
	⚙	Network activity
	○	WAN Ethernet connected (at 1000 BASE-T)
	⚙	Data being transferred (at 1000 BASE-T)
	●	WAN Ethernet connected (at 10/100BASE-T)
	⚙	Data being transferred (at 10/100BASE-T)
2.4 GHZ 5 GHZ	○	WiFi enabled
	⚙	Data being transferred
Locked WiFi (WPS)	○	WPS enabled
	⚙	Data being transferred
SS USB 1 & 2	○	USB device connected
	⚙	Data being transferred

Quick Gateway Configuration

Logging in to your gateway

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

1. Open your Internet browser and type 192.168.1.1 into the address line. The Login dialog box appears.

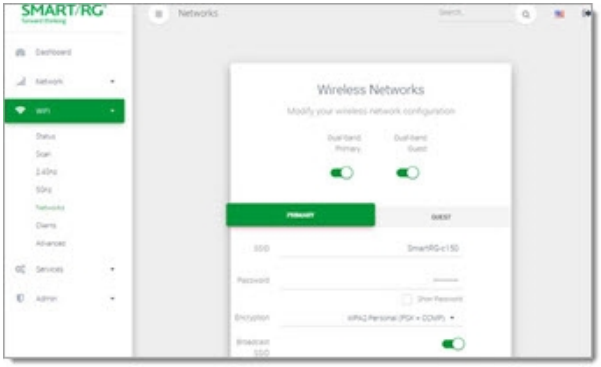
2. Enter the credentials shown below and click **LOGIN**. Your service provider may use other settings. If so, contact your provider for details.
   User Name: admin **Password**: admin

Configuring the WAN manually

If the automatic connect process is unsuccessful, refer to the "WAN Configuration" section of the *SmartRG SR905ac Gateway User Manual* to manually establish a connection.

Wi-Fi Setup

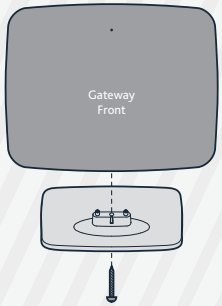
1. In the left menu, click **WiFi** > **Networks** > **Status**. The following page appears, showing information for the primary network. The dual-band option is enabled by default.



2. Accept the default ID shown in the **SSID** field or enter the SSID for the network that you want to configure. You will need this ID for Step 8.
3. Choose a passphrase and type it in to the **Password** field. You will need this passphrase for Step 8.
4. Select the desired **Encryption**. Make sure that the host devices you intend to use support the selected authentication type. The default encryption method works for most environments.
5. If you do not want this SSID visible to other users, click the **white circle** next to **Broadcast SSID** to disable it.
6. Click **APPLY**.

7. To enable a guest wi-fi network:
    a. Click the **GUEST** tab.
    b. Click the **white circle** next to **Enabled**.
    c. Fill in the fields following the instructions in Steps 2-6.
    d. Click **APPLY**.
8. Follow the WiFi connection instructions provided with your client device to connect to the gateway. Use the SSID name you selected in Step 2. Then enter the passphrase that you created in Step 3 in the appropriate location on the network setup screen of your WiFi client device.

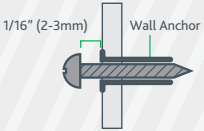
Optional Wall Mount



1. Using a Phillips-head screwdriver, remove the mount from the bottom of the gateway.

2. Insert the mount into the back of the gateway and tighten the screw located in the bottom of the mount.

3. Using the template below, attach the two included screws to the wall. Using wall anchors is recommended.



4. Slide the mount down on to the screws.

Record Your SR905ac Wi-Fi Settings

	Predefined wireless settings	If you change the preset wireless settings
Primary WiFi network name (SSID)		
Primary Network key (password)		
Guest WiFi network name (SSID)		
Guest Network key (password)		

Additional Support

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

SmartRG Inc. All Rights Reserved. © 2018

Appendix: Compliance 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: VW7DL01BSR555AVW7DL01BSR655A. This indicates a REN (Ringer Equivalency Value) of 0.18.

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=0.18

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 specifications 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.