



# Wireless setup for SmartRG 505N Modem

# Step 1: Log in to SmartRG 505N



The screenshot shows the SmartRG 505N web interface. At the top left is the SmartRG logo. A modal dialog box is open in the center, titled "The server http://192.168.1.1:80 requires a username and password. The server says: Broadband Router." It contains two input fields: "User Name:" with "admin" entered and "Password:" with "\*\*\*\*\*" entered. Below the fields are "Log In" and "Cancel" buttons. A blue arrow points to the "Log In" button. Below the dialog box, the "Network status" section is visible. It shows a "Network" icon and the text "-- no Internet connection --". To the right of this section, there is a link for "Manage gateway (advanced)" and a "View log" link. A blue arrow points to the "Manage gateway (advanced)" link. Below the network status section, there is a message: "Please wait while your Internet connection is set up." followed by "Setup will be complete in a few minutes." and a progress bar. At the bottom, it says "-- Unable to connect to the Internet - Please check WAN connection settings --".

- Open a web browser and type in <http://192.168.1.1/> in the address bar and press Enter.
- Click on Manage gateway (advanced)
- If it prompts you for a username and password, enter admin (all lowercase) for both.

# Step 2: Setup a name for your WiFi





Smart **rg** cloud SR505N

**Device Info**  
**Advanced Setup**  
**Wireless**  
**Basic**  
Security  
MAC Filter  
Wireless Bridge  
Advanced  
Station Info  
Diagnostics  
Management

### Wireless -- Basic

This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirements. Click "Apply/Save" to configure the basic wireless options.

- Enable Wireless 
- Enable Wireless Hotspot2.0 [WPA2 is required!]
- Hide Access Point
- Clients Isolation
- Disable WMM Advertise
- Enable Wireless Multicast Forwarding (WMF)

SSID:  

BSSID: 00:23:6A:16:94:AE

Country:

Max Clients:

- In the Home screen, click on **Wireless** >> **Basic**
- Make sure **Enable Wireless** is checked
- In the **SSID** section, you can enter a desired name for your wireless network
- e.g: VMedia

# Step 2: Setup a name for your WiFi (continued)



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Device Info  
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Wireless  
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Disable WMM Advertise  
 Enable Wireless Multicast Forwarding (WMF)

SSID:   
BSSID: 00:23:6A:16:94:AE  
Country:   
Max Clients:

**Wireless - Guest/Virtual Access Points:**

Enabled	SSID	Hidden	Isolate Clients	Disable WMM Advertise	Enable WMF	Enable HSPOT	Max Clients	BSSID
<input type="checkbox"/>	<input type="text" value="Guest"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> [wpa2!]	<input type="text" value="128"/>	N/A
<input type="checkbox"/>	<input type="text" value="Guest1"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> [wpa2!]	<input type="text" value="128"/>	N/A
<input type="checkbox"/>	<input type="text" value="Guest2"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> [wpa2!]	<input type="text" value="128"/>	N/A

- Once a name for your wireless network is set, save the changes by clicking **Apply/Save**

# Step 3: Setup a password for you WiFi



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"allow" chosen, WPS2 will be disabled

**WPS Setup**


Enable **WPS** Disabled ▾

**Manual Setup AP**

You can set the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength. Click "Apply/Save" when done.

Select SSID: VMedia ▾ 

Network Authentication: Mixed WPA2/WPA -PSK ▾

WPA/WAPI passphrase: ..... [Click here to display](#) 

Use base MAC address as WPA/WAPI passphrase

WPA Group Rekey Interval:

WPA/WAPI Encryption: TKIP+AES ▾

WEP Encryption: Disabled ▾

Apply/Save

- You have to create a password for your WiFi to secure it.
- To create a password for your WiFi, go to **Wireless >> Security**.
- Make sure that your **SSID** is selected e.g: VMedia
- In the **WPA/WAPI passphrase** enter your desired password
- Keep your **Network Authentication** as **Mixed WPA2/WPA-PSK**

# Step 3: Setup a password for you WiFi (continued)



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"allow" chosen, WPS2 will be disabled

**WPS Setup**

Enable WPS

**Manual Setup AP**

You can set the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength. Click "Apply/Save" when done.

Select SSID:

Network Authentication:


WPA/WAPI passphrase:  [Click here to display](#)

Use base MAC address as WPA/WAPI passphrase

WPA Group Rekey Interval:

WPA/WAPI Encryption:

WEP Encryption:



- Save the changes by clicking **Apply/Save**

*You have successfully completed Wireless Setup for you SmartRG 505N Modem!*

*Should you need any assistance, feel free to contact us at 1-855-333-8269 or email us at [support@vmedia.ca](mailto:support@vmedia.ca)*