

Viasat WiFi Gateway – WiFi Setting Tab

Summary

This Job Aid covers:

[Log in to Router](#)

[WiFi Setting Tab](#)

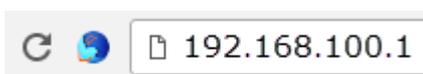
This Job Aid supports the retail and fulfillment technician audience.

Log in to Router

1. Plug the gateway into the customer's computer via the Ethernet cable. This is the best configuration for making changes.
2. Find the password sticker on the side or bottom of the Viasat WiFi gateway.
3. Find the **Admin Password**

Note: This password is used when configuring the gateway.

1. In the browser, type 192.168.100.1 as the URL



1. Ask the customer to enter the username and password of:
 - Username =admin
 - Password = Admin password from the gateway's sticker



ROUTER LOGIN

User Name

Password

Remember User Name [SIGN IN](#)

WiFi

Setting

Tab

Router settings

Router login

[Help](#)

User Name	<input type="text" value="admin"/>
Password	<input type="password"/>
Confirm Password	<input type="password"/>

[Advanced Settings](#)[CANCEL CHANGES](#)[SAVE CHANGES](#)

Click the WiFi Setting tab at the top of the page.

Wifi Network

Use the information to make any desired customizations under the topic Wifi Networks.

Wi-Fi settings

Wi-Fi network

5GHz Wireless Network

Network Name (SSID)	<input type="text" value="vsat-5g-7FACDC"/>
Security Mode	<input type="text" value="WPA2 Personal"/> ▼
Password	<input type="password" value="....."/> 
SSID Broadcast	<input checked="" type="radio"/> Public <input type="radio"/> Private

2.4GHz Wireless Network

Network Name (SSID)	<input type="text" value="vsat-24g-7FACDC"/>
Security Mode	<input type="text" value="WPA2 Personal"/> ▼
Password	<input type="password" value="....."/> 
SSID Broadcast	<input checked="" type="radio"/> Public <input type="radio"/> Private

Advanced Settings ▼

Network Name SSID (*Service Set Identifier*)

Enter a name for the wireless network

Security Mode – Select the security option for the wireless network.

- *WPA2/WPA (Wi-Fi Protected Access) Mixed Mode* – Strongest security mode
- *WPA2 Personal* – Stronger security mode
- *WPA Personal* – Strong security mode
- *WEP (Wired Equivalent Privacy)* – Basic security mode

1. Select Encryption
2. Type a password (passphrase) to auto generate WEP keys
3. Click Generate

4. Enter a Key

5. Disable – no security for the router. Not recommended

Password

Change the password to the wireless network here

SSID Broadcast

When wireless devices survey the local area for wireless networks, they will detect the SSID (wireless network name) broadcast by the router. To broadcast the Router's SSID keep the default public. To hide the network name click Private

Advanced Settings

Use the information to make any desired customizations under the topic Advanced Settings.

Advanced settings

5GHz Wireless Network

Network Mode

Mixed

Channel Width

Auto (20 MHz, 40 MHz or 80 MHz)

Channel

Auto

2.4GHz Wireless Network

Network Mode

Mixed

Channel Width

Auto (20 MHz or 40 MHz)

Channel

Auto

Network Mode – Select the wireless standards your network will support (2.4GHz or 5GHz).

5GHz has a shorter range compared with 2.4GHz

The 2.4GHz frequency is way more crowded than 5GHz, devices on 2.4GHz suffer much more interference than the ones on 5GHz

Fewer devices are capable of using the 5GHz channel than the 2.4GHz channel.

Channel Width – Select the radio channel width for your Wireless – N devices.

1. **Channel** – Select the radio channel that the router will use – most commonly kept at 'Auto'

Wireless User Filter

Use the information to make any desired customizations under the topic Wireless User Filter

Wireless user filter

- Enabled Disabled
- PREVENT PCs listed below from accessing the wireless network
- PERMIT PCs listed below to access the wireless network.

Enabled/Disabled – To filter wireless users by the MAC addresses of their devices, select Enabled.

Prevent PCs listed below from accessing the wireless network – Device's MAC address listed in the filter list will not have access to the wireless network.

Permit PCs listed below to access the wireless network – Devices MAC address listed in the filter will have access to the wireless network.

Click **Filter User List** – Up to 32 MACs can be entered in the Wireless Client List.

Wireless Association

Use the information to make any desired customizations under the topic Wireless Association

Wireless association

Association List

MAC Address	RSSI	In Network (seconds)	TX Rate	RX Rate
b8:8a:60:90:ae:0c	23	00:09:02	39M	97M
10:98:c3:2e:b8:ed	12	02:16:35	175M	195M
8c:f5:a3:b5:a2:b4	11	01:15:39	87M	45M

Guest Access Association List

MAC Address	RSSI	In Network (seconds)	TX Rate	RX Rate
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MAC Address– The client Media Access Control address.

RSSI (*Received Signal Strength Indication*) – A measurement of the power present in a received radio signal.

In Network (Seconds) – The time the wireless is on.

TX Rate (kbps) – The rate at which the device is transmitting packets.

RX Rate (kbps) – The rate at which the device is receiving packets.