

How to configure wireless on 3.5G Router E960?

3.5G Router E960

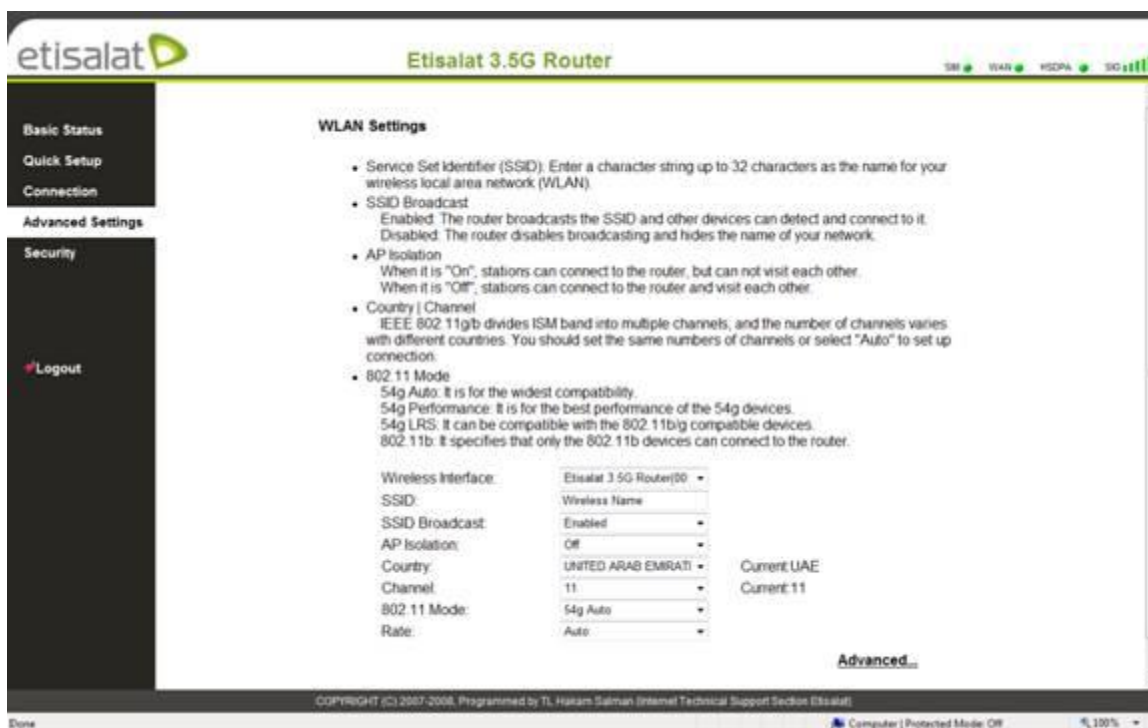
1. First connect the network cable from LAN port on the 3.5g router to NIC on the computer and make sure that the LAN card is enabled and connected with LAN IP .
2. Go to the router page 192.168.1.1.
3. Select the 'User Type' as 'Admin'.
4. Enter the 'Password' as 'admin'.
5. Click on 'Login'.



6. Click on 'Advanced Settings' on the left.
7. Now click on 'WLAN Settings' to go to the wireless configuration.
8. Enter an 'SSID' (This will be the wireless network name).
9. Make sure 'SSID Broadcast' is selected as 'Enabled'.
10. Now click on 'Advanced' to go to the security page.



11. Select the 'Encryption Mode' as 'WPA-PSK'.
12. Select the 'WPA Encryption' as TKIP.



The screenshot shows the configuration page for an Etisalat 3.5G Router. The page title is "Etisalat 3.5G Router". On the left, there is a navigation menu with options: Basic Status, Quick Setup, Connection, Advanced Settings, Security, and Logout. The main content area is titled "WLAN Settings" and contains the following information:

- Service Set Identifier (SSID):** Enter a character string up to 32 characters as the name for your wireless local area network (WLAN).
- SSID Broadcast:** Enabled. The router broadcasts the SSID and other devices can detect and connect to it. Disabled. The router disables broadcasting and hides the name of your network.
- AP Isolation:** When it is "On", stations can connect to the router, but can not visit each other. When it is "Off", stations can connect to the router and visit each other.
- Country | Channel:** IEEE 802.11g/b divides ISM band into multiple channels, and the number of channels varies with different countries. You should set the same numbers of channels or select "Auto" to set up connection.
- 802.11 Mode:**
 - 54g Auto: It is for the widest compatibility.
 - 54g Performance: It is for the best performance of the 54g devices.
 - 54g LRS: It can be compatible with the 802.11b/g compatible devices.
 - 802.11b: It specifies that only the 802.11b devices can connect to the router.

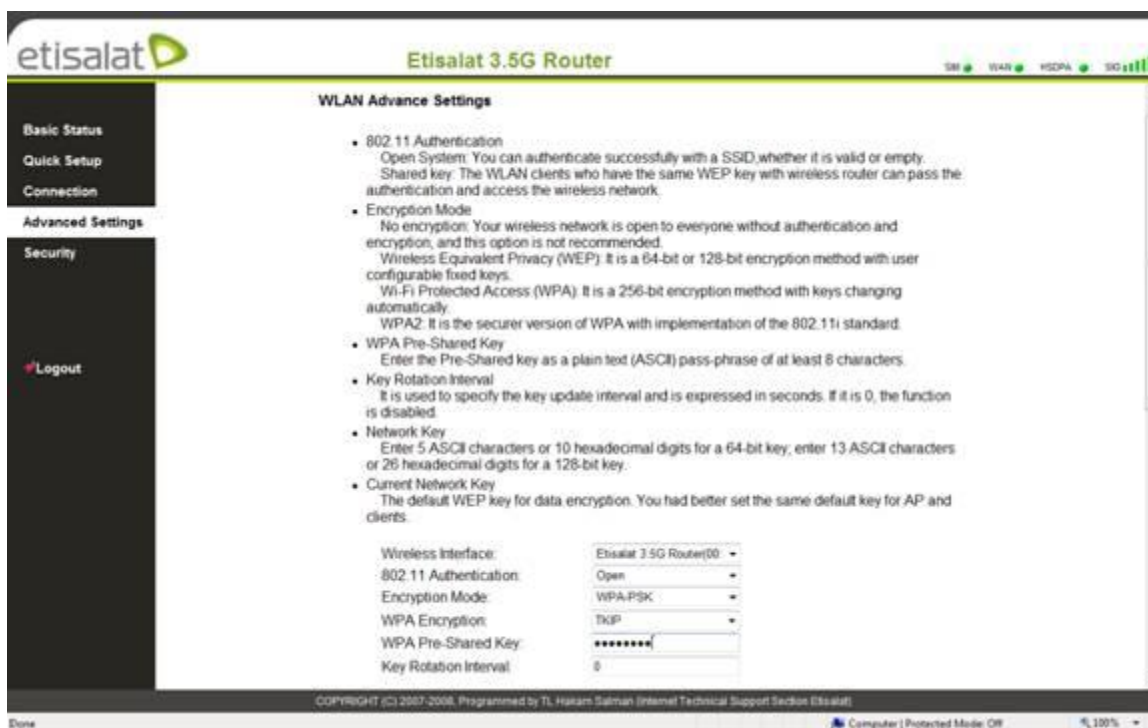
Below the text, there is a configuration table:

Wireless Interface:	Etisalat 3.5G Router(00)	
SSID:	Wireless Name	
SSID Broadcast:	Enabled	
AP Isolation:	Off	
Country:	UNITED ARAB EMIRATI	Current UAE
Channel:	11	Current 11
802.11 Mode:	54g Auto	
Rate:	Auto	

At the bottom right of the configuration area, there is a link labeled "Advanced...".

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13. Enter password in 'WPA Pre-Shared Key' (at least 8 characters long).



The screenshot shows the 'WLAN Advance Settings' page of an Etisalat 3.5G Router. The page is divided into a left sidebar with navigation options and a main content area with detailed settings and a configuration table.

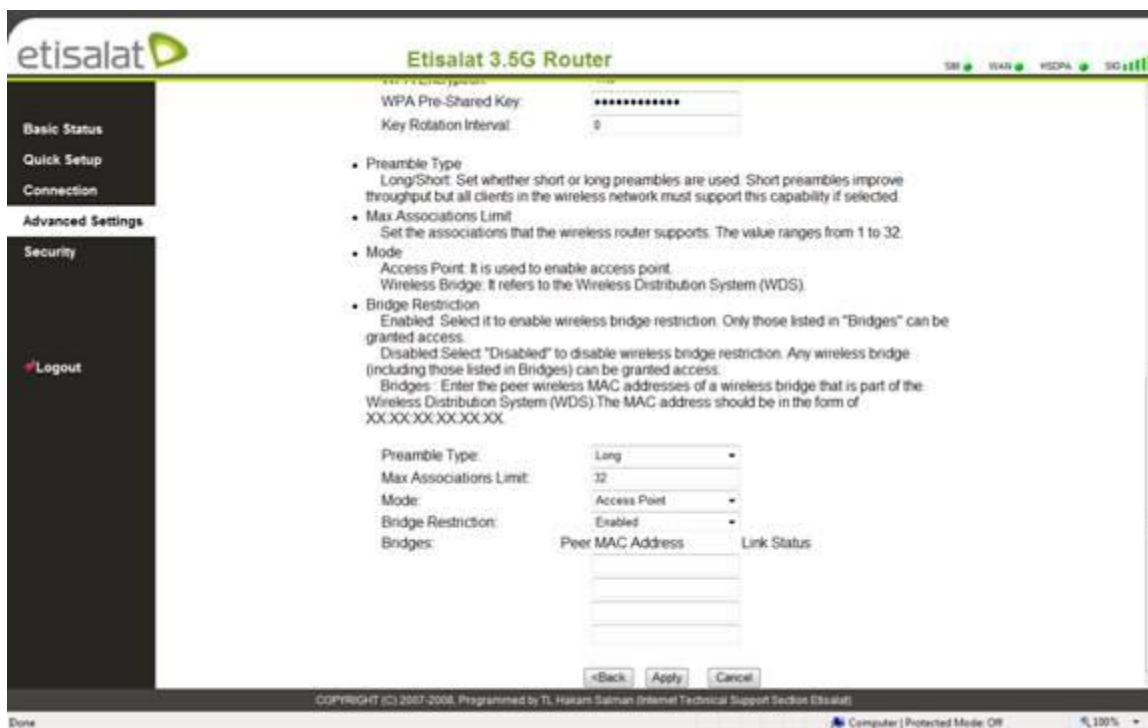
WLAN Advance Settings

- 802.11 Authentication**
Open System: You can authenticate successfully with a SSID, whether it is valid or empty. Shared key: The WLAN clients who have the same WEP key with wireless router can pass the authentication and access the wireless network.
- Encryption Mode**
No encryption: Your wireless network is open to everyone without authentication and encryption, and this option is not recommended.
Wireless Equivalent Privacy (WEP): It is a 64-bit or 128-bit encryption method with user configurable fixed keys.
Wi-Fi Protected Access (WPA): It is a 256-bit encryption method with keys changing automatically.
WPA2: It is the securer version of WPA with implementation of the 802.11i standard.
- WPA Pre-Shared Key**
Enter the Pre-Shared key as a plain text (ASCII) pass-phrase of at least 8 characters.
- Key Rotation Interval**
It is used to specify the key update interval and is expressed in seconds. If it is 0, the function is disabled.
- Network Key**
Enter 5 ASCII characters or 10 hexadecimal digits for a 64-bit key, enter 13 ASCII characters or 26 hexadecimal digits for a 128-bit key.
- Current Network Key**
The default WEP key for data encryption. You had better set the same default key for AP and clients.

Wireless Interface:	Etisalat 3.5G Router(00)
802.11 Authentication:	Open
Encryption Mode:	WPA-PSK
WPA Encryption:	TKIP
WPA Pre-Shared Key:	*****
Key Rotation Interval:	0

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14. Scroll down & click 'Apply' to save the settings.



The screenshot shows the configuration interface for an Etisalat 3.5G Router. The page title is "Etisalat 3.5G Router". On the left, there is a navigation menu with options: Basic Status, Quick Setup, Connection, Advanced Settings, Security, and Logout. The "Security" section is currently selected. The main content area displays the following settings:

- WPA Pre-Shared Key: [Redacted]
- Key Rotation Interval: 0
- Preamble Type**
Long/Short: Set whether short or long preambles are used. Short preambles improve throughput but all clients in the wireless network must support this capability if selected.
- Max Associations Limit**
Set the associations that the wireless router supports. The value ranges from 1 to 32.
- Mode**
Access Point: It is used to enable access point.
Wireless Bridge: It refers to the Wireless Distribution System (WDS).
- Bridge Restriction**
Enabled: Select it to enable wireless bridge restriction. Only those listed in "Bridges" can be granted access.
Disabled: Select "Disabled" to disable wireless bridge restriction. Any wireless bridge (including those listed in Bridges) can be granted access.
- Bridges**
Enter the peer wireless MAC addresses of a wireless bridge that is part of the Wireless Distribution System (WDS). The MAC address should be in the form of XX:XX:XX:XX:XX:XX.

Below the text, there are input fields for the following settings:

- Preamble Type: Long
- Max Associations Limit: 32
- Mode: Access Point
- Bridge Restriction: Enabled
- Bridges: A table with columns "Peer MAC Address" and "Link Status".

At the bottom of the configuration area, there are three buttons: "<Back", "Apply", and "Cancel".

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