

Set up Wireless for TurboSpeed TCG220-T

Set up 802.11Band and Channel

1. Type **192.168.1.1** then press Enter, type Username = admin, Password = password and press Login

Residential Gateway Logo x

← → ↻ 192.168.1.1

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Login

Login
Please enter username and password to login.

Username

Password

Login

2. On top, click Wireless > Radio, set up as follows:

- Wireless Interface : choose to set Wireless channel, select Mac Address and at 802.11 band, check to see if it is 2.4GHz or 5GHz
- Wireless : Enabled
- Bandwidth : 2.4GHz should select 20MHz, 5GHz should select 20 or 40MHz
- Control Channel : select Auto but can change it to avoid overlapping with other Wireless Channel by using Scan Wireless APs button
- Click Apply

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Wireless

802.11 Radio

This page allows configuration of the Wireless Radio including current channel number.

Wireless Interfaces: 00:1F:C6:92:AF:E4

Wireless: Enabled Enabled Disabled

Country: UNITED STATES

Output Power: 100% 25% 50% 75% 100%

802.11 Band: 2.4 Ghz Current: 2.4 GHz

802.11 n-mode: Auto Off Auto

802.11 N Support Required: Off Off On

Bandwidth: 20 Mhz Current: 20MHz 40 Mhz

Sideband for Control Channel (40 Mhz only): None

Control Channel: Auto 1 2 3 4 5 6 7 8 9 10 11 Current: 11 ***Interference Level: Acceptable

Regulatory Mode: Off 802.11d 802.11h

TPC Mitigation (db): 0 (Off)

OBSS Coexistence: 0 (Disabled) 1 (Enabled)

STBC Tx: Auto On Off

Apply Restore Wireless Defaults Scan Wireless APs

Set up SSID and Security

1. On top, click Wireless > Primary Network

- Primary Network : Enabled
- Network Name (SSID) : enter network name
- Select Enabled at WPA-PSK and WPA2-PSK
- WPA/WPA2 Encryption : AES
- WPA Pre Shared Key : set password to use Wireless
(click Show Key to see the password typed)
- WPS : choose WPS or Disabled depending on usage. Press WPS button to use Wireless and select WPS
- Scroll bar down to next page

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Radio
Primary Network
 Advanced
 Access Control
 WMM
 Bridging

Wireless

802.11 Primary Network

This page allows configuration of the Primary Wireless Network and its security settings.

true_home2G_ABCD (00:1F:C6:92:AF:E4)

Primary Network: Enabled Disabled

Network Name (SSID): true_home2G_ABCD

Closed Network: Disabled Disabled Enabled

Mode Required: None None ERP HT

AP Isolate: Disabled Disabled Enabled

WPA: Disabled Disabled Enabled

WPA-PSK: Enabled Disabled Enabled

WPA2: Disabled Disabled Enabled

WPA2-PSK: Enabled Disabled Enabled

WPA/WPA2 Encryption: TKIP+AES AES TKIP+AES

WPA Pre-Shared Key: Show Key

RADIUS Server: 0.0.0.0

RADIUS Port: 1812

RADIUS Key:

Automatic Security Configuration: Disabled

2. It is not recommended to set up WEP since it's old Security system, click Apply

Group Key Rotation Interval

WPA/WPA2 Re-auth Interval

WEP Encryption

Shared Key Authentication

802.1x Authentication

Network Key 1

Network Key 2

Network Key 3

Network Key 4

Current Network Key

PassPhrase

Set up MAC Filter

1. On top click Wireless > Access Control > MAC Restrict Mode

- Disabled : do not use this function
- Allow : allow the access only specific MAC Address
- Deny : not allow the access only specific MAC Address
- Enter MAC Address and click Apply, that MAC Address will appear in table

The screenshot shows the 'Wireless' configuration page for a device. The 'Wireless' tab is selected in the top navigation bar. On the left sidebar, the 'Access Control' menu item is highlighted. The main content area is titled 'Wireless 802.11 Access Control' and includes a description: 'This page allows configuration of the Access Control to the AP as well as status on the connected clients.' The 'Wireless Interface' is set to 'true_home2G_ABCD (00:1F:C6:92:AF:E4)'. The 'MAC Restrict Mode' is currently set to 'Disabled', with a dropdown menu showing options for 'Disabled', 'Allow', and 'Deny'. Below this, there is a table for 'MAC Addresses' with 8 rows and 2 columns. An 'Apply' button is located below the table. At the bottom, there is a 'Connected Clients' section with a table header including 'MAC Address', 'Age(s)', 'RSSI(dBm)', 'IP Addr', 'Host Name', 'Mode', and 'Speed (kbps)'. The text below the table states 'No wireless clients are connected.'

Set up WDS

1. On top, click Wireless > Bridging > Wireless Bridging then select Enabled to set up WDS by entering Wireless MAC Address of main Wireless Router (mostly Router should be the same brand and model) then click Apply



The screenshot displays the router's configuration interface. At the top, a navigation bar includes tabs for Status, Basic, Advanced, Firewall, Parental Control, and **Wireless**. The left sidebar features a 'TURBOSPEED' logo and several menu items: Radio, Primary Network, Advanced, Access Control, WMM, and **Bridging**. The main content area is titled 'Wireless' and '802.11 Bridging', with a sub-header 'This page allows configuration of WDS features.' Below this, the 'Wireless Bridging' dropdown menu is set to 'Disabled', with a red arrow pointing to the 'Enabled' option. The 'Remote Bridges' section contains three empty text input fields and an 'Apply' button.