

How to set up Wireless for Humax HG100RE

Set up 802.11Band and Channel

1. Type 192.168.1.1 and Enter and then enter Username = admin, Password = password and click Login



2. Click at 'Wireless' on the top to access Radio menu and click Help



3. Set up the values as follows:

- **Wireless Interface** : select between WiFi0 = 5GHz, WiFi1 = 2.4GHz and Mac Address in the parentheses
- **Wireless** : Enabled
- **Bandwidth** : 2.4GHz choose 20MHz, 5GHz choose either 20 or 40MHz
- **Control Channel** : **Auto** but can adjust the channel to avoid duplication with other Wireless by using **'Scan Wireless APs'** button to scan
- Press **'Apply'**

Wireless Interfaces : WiFi 0 (48:D2:24:C5:45:DB) WiFi 1 (00:30:0D:B2:AE:3D) ←

Wireless →

Country THAILAND

Output Power 100% →

802.11 Band 2.4 Ghz Current : 2.4 GHz

802.11 n-mode Auto →

802.11 N Support Required Off →

Bandwidth 20 Mhz Current : 20MHz

Sideband for Control Channel (40 Mhz only) None →

Control Channel Auto Current : 6 ***Interference Level: Acceptable →

Regulatory Mode Off →

Pre-Network Check

In-Network Check

TPC Mitigation (db) 0 (Off)

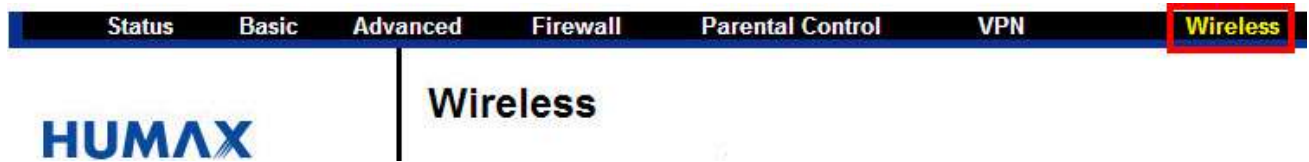
OBSS Coexistence 0 (Disabled) →

STBC Tx Auto →

←

SSID and Security Settings

1. Click 'Wireless'



2. Select 'Primary Network'



3. Click 'Help'

802.11 Primary Network



4. Set up as follows:

- **Primary Network** : Enabled
- **Network Name (SSID)** : name the network
- **WPA-PSK / WPA2-PSK** : Enabled (recommended)
- **WPA/WPA2 Encryption** : AES
- **WPA Pre Shared Key** : enter the password for Wireless usage (click Show Key to display the password)
- **WPS** : WPS or Disabled depending on the usage. To use Wireless, select WPS
- Scroll bar down to next page

The screenshot shows the configuration page for a True Wi-Fi router. The 'Wireless Interfaces' section has 'Wi-Fi 1 (00:30:0D:B2:AE:3D)' selected. The 'Primary Network' dropdown is set to 'Enabled', with a red arrow pointing to a 'Disabled/Enabled' toggle. The 'Network Name (SSID)' is 'true_homewifi_90D_2G'. 'WPA/WPA2 Encryption' is set to 'AES', with a red arrow pointing to a 'TKIP+AES' toggle. The 'WPS' dropdown is set to 'WPS', with a red arrow pointing to a 'Disabled/WPS' toggle. Other settings include 'WPA2-PSK' as 'Enabled', 'WPA' as 'Disabled', and 'WPA Pre-Shared Key' as a masked field with a 'Show Key' checkbox. The 'Automatic Security Configuration' section shows 'WPS Config State: Configured' and a 'Device Name' of 'true_homewifi'. The 'WPS Setup AP' section shows a UUID, a PIN of '17380454', and a 'Generate AP PIN' button. The 'WPS Add Client' section has an 'Add' button and fields for 'Client PIN' and 'Authorized Client MAC'.

5. It is WEP setting which is old Security system (not recommend to set up), 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

MAC Filter Settings

1. Click Wireless



2. Click 'Access Control' on the left

Radio

Primary Network

Advanced

Access Control

WMM

WDS



3. Click 'Help' on the top

Wireless

802.11 Access Control



HELP

4. MAC Restrict Mode, select the following options:

- **Disabled** : disable this function
- **Allow** : **allow** to use only specified MAC Address
- **Deny** : **Not allow** to use specified MAC Address
- Enter MAC Address and click '**Apply**', that MAC Address will show in the table

Wireless Interface: true_homewifi_90D_2G (00:30:0D:B2:AE:3D) ▼

MAC Restrict Mode: Disabled ▼ → Disabled
Allow
Deny

MAC Addresses

Connected Clients	MAC Address	Age(s)	RSSI(dBm)	IP Addr	Host Name	Mode	Speed (kbps)
	D0:22:BE:6F:96:AF	5	-43	192.168.1.35	android-af21ccdf0e3e7e1	n	5500

WDS Settings

1. Click 'Wireless'



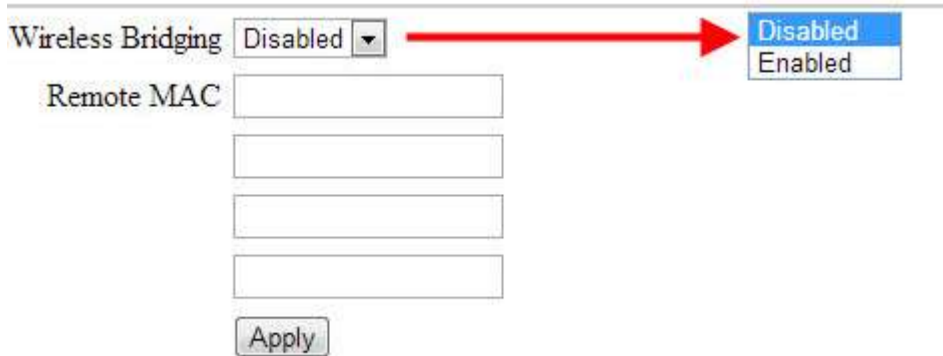
2. Click 'WDS' on the left




3. Click 'Help' on the top



4. **Wireless Bridging** : select '**Enabled**' to set up WDS and enter Wireless MAC Address of main Wireless Router (mostly should be the same brand and model) and then click '**Apply**'



Wireless Bridging 

Remote MAC