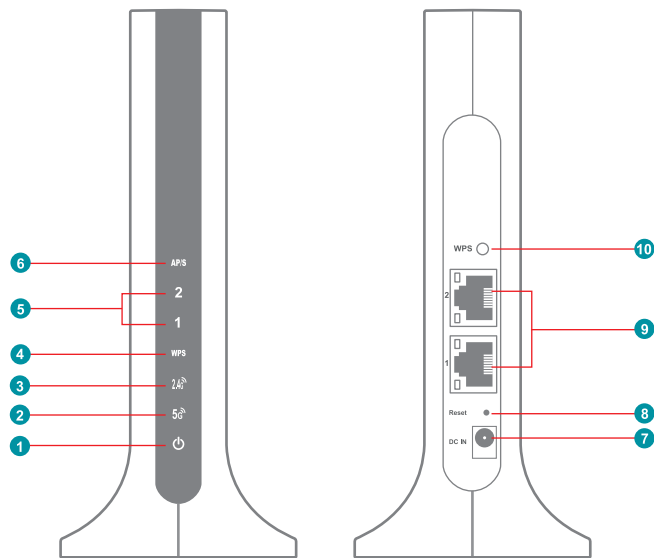




WAP-7531 Wi-Fi Dual Band Video Bridge

Quick Start Guide



Safety Information

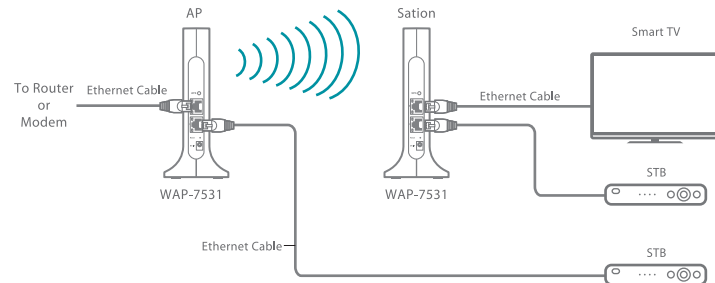
- Do not let liquids make contact with the video bridge. If this happens, wipe the video bridge with a dry cloth immediately.
- Do not use thinner, alcohol, benzene or other chemicals when cleaning the box.
- To avoid electrical shock, do not disassemble the case.
- To prevent overheating and damage to the video bridge, avoid placing video bridge in areas with dust and sand.
- To avoid areas with strong magnetic fields, do not place the video bridge near metallic objects or similar environments.
- Do not place the video bridge under direct sunlight or expose video bridge to extreme temperatures.
- Do not drop, hit, or place heavy objects on the video bridge.

1 Panel

- 1 Power LED :**
Off : Power off.
Green Light : Device is ready.
- 2 5G Signal LED :**
Flashing Green Light : AP mode and STA mode no connection.
Successful connection : Access point(AP) mode : Green Light.
Station(STA) mode : Blue Light : Excellent.
Green Light : Good.
Red Light : Weak.
- 3 2.4G Signal LED :**
Green Light : Device is ready.
- 4 WPS LED :**
Off : WPS no working.
Flashing Green Light : WPS is processing.
Green Light : AP and STA that it has successfully established connction.
- 5 LAN 1~2 LED :**
No Light : No power or no physical connection.
Flashing Green Light : Has physical connection to a local area network (LAN) and data transmission operation.
- 6 AP/S LED :**
Green Light : AP mode is processing.
Bule Light : STA mode is processing.
- 7 Power(DC IN) Port :**
Connect your video bridge to an AC socket with the power adapter.
- 8 Reset Button :**
Press and hold the button for 10 seconds. The video bridge will enter the reset mode, and revert back of factory settings.
- 9 LAN 1~2 Ports :**
Connect a network cable into these ports to establish LAN connection.
- 10 WPS Button :**
Pushing this button will initiate automatic pairing.

2 Installation

1. By default, WAP-7531 is set to the video bridge mode.
2. Insert your video bridge AC adapter to the DC-IN port and plug it to a power outlet.
3. Using the network cable connect your modem or router LAN port and the other end into the LAN port on the WAP-7531 access point(AP).
4. The network-enabled device can connect through WAP-7531 in station mode. Which wirelessly links to the WAP-7531 in AP mode that is in the your home network.
5. Connect your computer or mobile phone to WAP-7531 access point(AP) via Wi-Fi.
 - ▶ 5GHz / 2.4GHz SSID : **TTL_7531**
 - ▶ Password : **00000000** (Default value)



Setting up the Video Bridge

Select one of the following ways to set the WAP-7531 Video Bridge mode.

Option A : Using WPS (Wi-Fi Protected Setup)

1. Press the WPS button on the back of the WAP-7531 access point(AP) for more than two seconds, until the WPS light flashes.
2. Press the WPS button on the back of the WAP-7531 station(STA) within two minutes.
3. Wait until at least one LED signal indicator turn to a solid light, which indicates the WAP-7531 access point (AP) and the stations (STA) has been successfully connected wirelessly.

2 Installation

Option B : Connecting through GUI

NOTE : *If you have already used WPS to connect your device, skip this section.*

1. Plug in the power adapter and use the bundled network cable to connect the computer or notebook network port to the LAN port of the WAP-7531 station (STA).
2. Set the IP address of the computer or notebook to **192.168.1.XXX** and subnet mask **255.255.255.0** (Please refer to the following instructions to set).

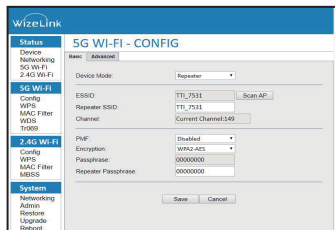
Windows® 7

- a. Click **Start** → **Control Panel** → **Network and Sharing Center** → **Change adapter settings** → **Network Icon** → **Properties**.
- b. Select **Internet Protocol Version 4 (TCP/IPv4)**, then click **Properties**.
- c. Manually set the IP address, then click **OK** when done.

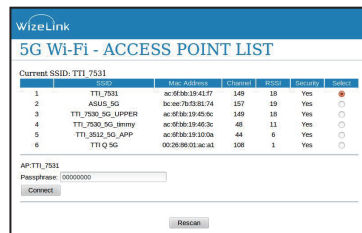
MAC 10.5.8

- a. Click the Apple icon → **System Preferences** → **Network**
- b. Select **Ethernet** and select **"Manual"** set the IP address in the **Configure** field, then click **Apply** when done.

3. Launch a web browser, key in **192.168.1.150** in the browser's address bar. Key in **admin / admin** as the default username and password to log into WAP-7531 station(STA) web graphical user interface (Web GUI)
4. Follow the setup steps below to configure the WAP-7531 wireless network.
 - Click the 5G Wi-Fi → Config tab on the left menu. Press the Scan AP button to search your wireless network source.



- Open wireless access point listing, select the wireless network of your choice and enter password. Wait until one of the LED light stays on, indicating successful connection of AP to Station.
(The pre-set access point SSID is TTI_7531 and password is 00000000)



NOTE : 1. WAP-7531 only support 5GHz in bridge mode, it will only scan and display 5GHz station .
2. After Web GUI setting, please set TCP / IPv4 to automatic DHCP.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

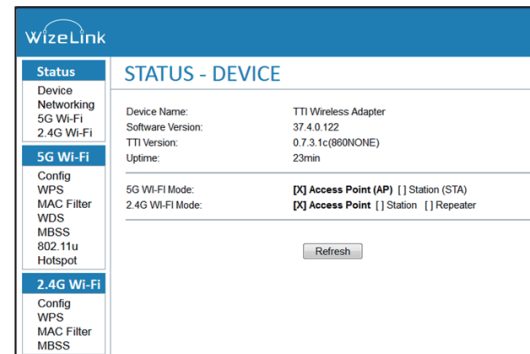
Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

3 Set up Video Bridge

Your Wireless video bridge comes with an intuitive web graphical user interface (GUI) that allows you to easily configure its various features through a web browser such as Internet Explorer, Firefox, Safari, or Google Chrome.

Login to Web UI

1. To log in to the web GUI setting procedure, refer to Setting up the Video Bridge, option B.
2. On your web browser, key in the wireless video bridge AP mode default IP address : **192.168.1.50**
STA mode default IP address : **192.168.1.150**
3. On the login page, key in the default user name (**admin**) and password (**admin**).
4. You can now use the Web GUI to configure various settings of your Wireless video bridge.



© 2020 Tatum Technology Inc. All rights reserved.

The information contained herein is the exclusive property of TTI and shall not be used, distributed, reproduced, or disclosed in whole or in part without prior written permission of TTI. It thereof does not convey or imply any licenses under patent rights or other industrial or intellectual property rights.