WAP-7420 Video Bridge

Quick Start Guide
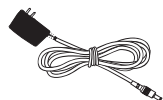
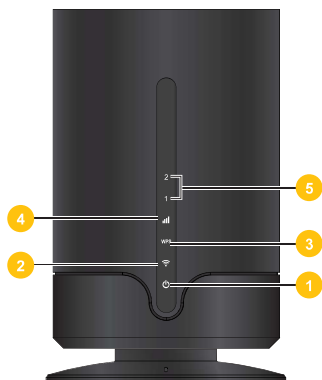**1** Video Bridge   **2** Base x2   **3** Ethernet Cable x2   **4** Adapter x2
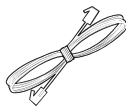
>> Controls and Connectors

Front Panel

Indicators

1 **Power:** This light illuminates when WAP-7420 has DC in.

2 **W-LAN:** This light illuminates when WAP-7420 is connected to the wireless network. The LED flashes when the WAP-7420 is actively sending or receiving data over the wireless network.

3 **WPS:** If your router supports Wi-Fi Protected Setup and uses WPA or WPA2 security, then you can use Wi-Fi Protected Setup to automatically connect the WAP-7420.

4 **Signal Strength:** Off - low signal strength
Medium - normal signal strength
Bright - strong signal strength

5 **Network Active:** This light illuminates when the attached device is connected to the network. The LED flashes when the deviceis actively sending or receiving data over the Ethernet port.

Rear Panel
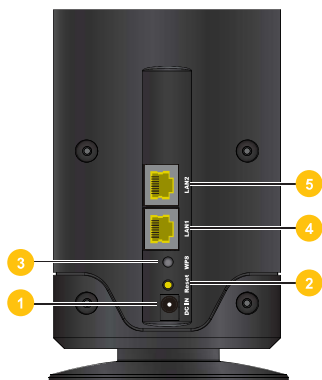
1 **DC IN**

2 **Reset to Default**

3 **WPS**

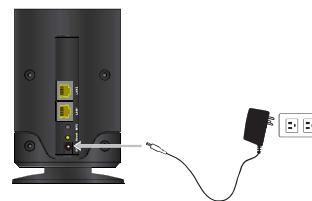**4** **Ethernet 1**

5 **Ethernet 2**

>> Base Installation

You can use Video Bridge without base
or insert the base placed upright at the bottom
or insert the base side of the WAP for horizontal placement

WAP-7420 Hardware Set up
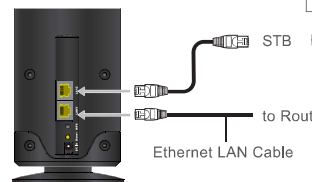
1 Plug the power cord into DC.
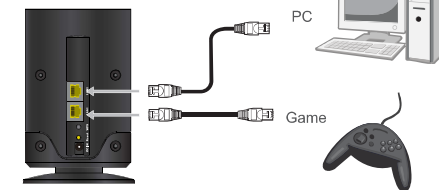
AP   STATION

2 Connect the Ethernet Cable.

AP   STATION

STB
to Router
Ethernet LAN Cable

PC
Game

WAP-7420 Quickly Pairing

1 If Set-Top-Box needs to reboot at the same time as setting up WAP, please complete the WAP pairing process (Step2 & 3), before checking connectivity.

2 Press WPS on both WAP-7420 within 2 seconds for pairing process.

AP   STATION

3 During the WPS pairing, the WPS LED will blink constantly.
Secure connection will be automatically established within less than 2 minutes.

A. Setting to WAP as Access Point：
1. Boot up WAP and wait for approximately 45 seconds.
2. Open web browser (Using Firefox as an example)
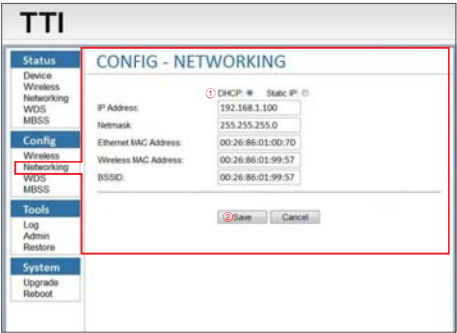3. Enter IP address on the address bar (Default IP will be given in Chapter C)

Enter IP address

4. Login window will appear after entering the correct IP of WAP. Enter correct "Username" and "Password" and then click LOGIN (Default Username and password will be given in Chapter C)

Client Login

Username *
admin

Password *
•••••

LOGIN

5. Choose "Wireless" from category "Config" on left panel.
① Device Model：Access Point (At least one WAP should be set as Access Point)
② Wireless Band：802.11N_5GHZ(Fixed)
③ ESSID：Could be set as any name, but should be set as same name while pairing two WAPs.
④ SCS：Disable
⑤ Channel：Should choose same channel while pairing two WAPs.
⑥ Encryption：NONE-OPEN
⑦ Click "Save" button.
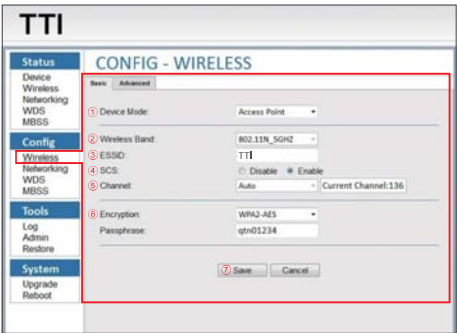
CONFIG - WIRELESS

6. Choose "Networking" from category "Config" on left panel.
① Choose "DHCP" model.
② Click "Save" button.

CONFIG - NETWORKING

B. Reset to Default:
(1) Perform a factory reset via Web GUI.
(2) Press and hold the reset button for 5 sec.

The function will depend on the state of WAP,
a. WAP is set to AP, this function will reset default with AP setting.
b. WAP is set to ST, this function will reset default with ST setting.

1. At Web GUI, Choose"Restore"

STATUS - DEVICE

2. "Restore all configuration files to factory default and reboot", Click "YES"

TOOLS - RESTORE
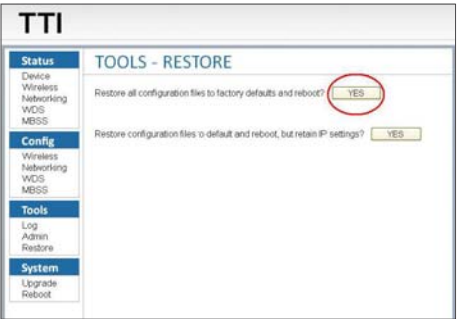
C. Setting up to WAP as Station：
1. Boot up another WAP device and wait for approximately 45 seconds.
2. Open web browser.
3. Enter IP address on the address bar (Default IP will be given in Chapter C)

Enter IP address

4. Login window will appear after entering the correct IP of WAP Enter correct "Username" and "Password" and then click LOGIN. (Default Username and Password will be given in Chapter C)

Client Login

Username *
admin

Password *
•••••

LOGIN

5. Choose "Wireless" from category "Config" on left panel.
① Device Model：Station
② Wireless Band：802.11N_5GHZ(Fixed)
③ ESSID：Should be set as same name as AP.
④ SCS：Disable
⑤ Channel：Auto (as default).
⑥ Click "Save" button.
   Finish setting for Station.
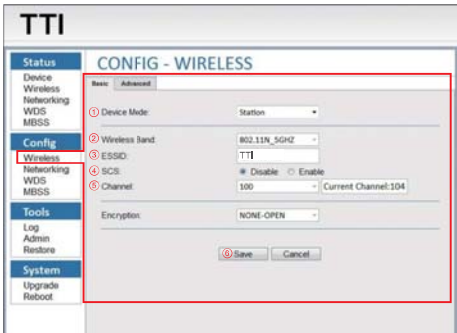
CONFIG - WIRELESS

6. Choose "Networking" from category "Config" on left panel.
① Choose "DHCP" model.
② Click "Save" button.

CONFIG - NETWORKING
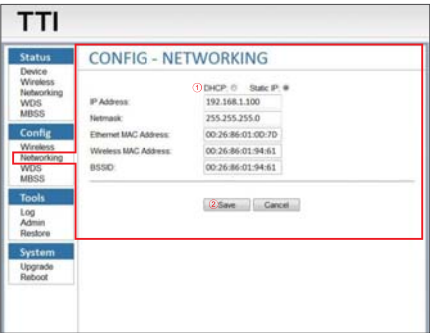
D. Default setting to access setting webpage
1. IP : 192.168.1.100 (AP)
   IP : 192.168.1.200 (STA)
2. Username : admin
3. Password : admin

E. Activate paired WAP devices for data transmission：
1. Boot up two paired WAP devices and wait for approximately 45 seconds.
2. Press WPS bottom within 2 seconds on AP first, then press station's when AP's WPS LED is blinking.
3. During the WPS pairing, the WPA LED will blink constantly. Secure connection will be automatically established within less than 2 minutes.
4. Finish pairing of two WAP devices.