WIRELESS ACCESS POINT
BACK PANEL
The back panels of your devices have the following ports and functions:

Note: This illustration may vary from the actual product.

1 Reset Restores factory default settings when held for more than 10 seconds.

2 Mode Switch CL ("Client Mode") converts the device into a wireless client. AP ("Access Point mode") converts the device into an access point.

3 Ethernet Port Connects the VEN501 to a gateway/router or wired set-top box (when the VEN501 is used as a wireless client).

4 Power Connects device to the external 12 VDC power supply.

CONNECTING WIRELESS ACCESS POINT TO GATEWAY
Step 1: Connect Wireless Access Point to an open ethernet port (yellow connections) on the Residential Gateway with an Ethernet cord. Plug the Wireless Access Point to a power outlet. The Power LED on the front of the Wireless Access Point will be green after it has completed its start-up process (about a minute) and the Ethernet LED will be a blinking green indicating connectivity to the Residential Gateway.

Step 2: Connect the Wireless Set Top Box to your HDTV with appropriate video/audio cables, but do not power on Wireless Set Top Box at this time.

Step 3: Press the Power button on the Wireless Set Top Box and wait for the wireless pairing splash screen. Press the OK button on Set Top Box front panel to start the wireless pairing process.

Step 4: Press the WPS button on the Wireless Access Point. Do this within 2 minutes of pressing the OK button on the wireless Set Top Box. The WPS LED will blink orange during the pairing process and turn green after successfully pairing. The WPS LED will also blink green when there is wireless activity.

Step 5: After successfully pairing with the Wireless Access Point with the Set Top Box, you will see the screen at left and the Set Top Box will reboot.

If the Wireless Set Top Box and Wireless Access Point did not successfully pair, you will see this screen.

CONNECTING WIRELESS SET TOP BOX TO HDTV
Step 3: Press the Power button on the Wireless Set Top Box and wait for the wireless pairing splash screen. Press the OK button on Set Top Box front panel to start the wireless pairing process.

Step 4: Press the WPS button on the Wireless Access Point. Do this within 2 minutes of pressing the OK button on the wireless Set Top Box. The WPS LED will blink orange during the pairing process and turn green after successfully pairing. The WPS LED will also blink green when there is wireless activity.

Step 5: After successfully pairing with the Wireless Access Point with the Set Top Box, you will see the screen at left and the Set Top Box will reboot.

If the Wireless Set Top Box and Wireless Access Point did not successfully pair, you will see this screen.

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**SET TOP BOX DESCRIPTION**

**FRONT PANEL**

1. **Power**
   - Turns the receiver on or places it in standby. To restart the receiver, press and hold the POWER button for 10 seconds. The LED is green.

2. **Model Number**
   - Identifies the model number of your receiver as ISB7105.

3. **Signal Strength**
   - Identifies the strength of the wireless connection.

4. **Link**
   - Indicates network link status. The LED is green.

5. **HD**
   - Indicates the set-top is set to a resolution of 720p, 1080i, or 1080p. The LED is blue.

6. **Record**
   - Indicates that a recording is in progress. The LED is red.

7. **IR**
   - Sensor receives the infrared signal from the remote control. The sensor is behind the front panel.

8. **Menu**
   - Accesses the on-screen menu.

9. **Arrow Keys**
   - Accesses on-screen services (such as the on-screen guide, video-on-demand, or pay-per-view) and navigates menus.

10. **OK**
    - Selects the current item.

11. **USB Port**
    - USB connector. (Reserved for future use)

**Note:** This illustration may vary from the actual product.

**BACK PANEL**

1. **Network**
   - Connect to the Ethernet (CAT-5) network at your home, if applicable.

2. **YPbPr**
   - Connect the receiver to the component video input (YPbPr) on the HDTV.

3. **Video Out**
   - Connect RCA-type cables to Audio Out to send analog audio signals (left and right) to a TV with stereo inputs or to a stereo amplifier.

4. **Audio Out (L/R)**
   - Connect an HDTV HDMI™ (High-Definition Multimedia Interface) cable from the HDTV to the HDMI port. HDMI supports both digital audio and video.

5. **Optical**
   - Connect an optical cable to send a digital audio signal to a surround-sound receiver or other digital audio device.

6. **Power**
   - Connect the DC output of the AC power adapter (provided) to deliver power to the receiver.

**Note:** This illustration may vary from the actual product.

**BACK PANEL**

**SIGNAL STRENGTH INDICATOR**

**ISB7105 Wireless Network Connection**

The ISB7105 receiver allows for easy and secure connection to IPTV services. The signal strength indicator on the front panel of the receiver identifies the strength of the wireless connection and aids in the proper placement of the receiver.

- The receiver must be paired with the wireless access point for the wireless connection to be established.

- The STB should be re-oriented to achieve a better wireless signal.

**WIRELESS ACCESS POINT**

**FRONT PANEL**

- **Wireless Signal Strength LEDs**
  - (applicable only when VEN501 is used as a wireless client)
  - **This indicates** the wireless signal is excellent. The video quality is good.
  - **This indicates** the wireless signal is very good. The video quality is good.
  - **This indicates** the wireless signal is good. The video quality is good.
  - **This indicates** the wireless signal is fair. The video quality may be poor.
  - **This indicates** the wireless signal is weak. No video can be displayed.
  - **This indicates** no wireless connectivity.

**Note:** This illustration may vary from the actual product.

- **Network**
  - Connect to the component video input (YPbPr) on the HDTV.

- **Video Out**
  - Connect RCA-type cables to Audio Out to send analog audio signals (left and right) to a TV with stereo inputs or to a stereo amplifier.

- **Audio Out (L/R)**
  - Connect an HDTV HDMI™ (High-Definition Multimedia Interface) cable from the HDTV to the HDMI port. HDMI supports both digital audio and video.

- **Optical**
  - Connect an optical cable to send a digital audio signal to a surround-sound receiver or other digital audio device.

- **Power**
  - Connect the DC output of the AC power adapter (provided) to deliver power to the receiver.

**Note:** This illustration may vary from the actual product.

- **Wi-Fi Protected Setup (WPS) Button**
- **Wi-Fi/Paired LED**
- **Ethernet Link LED**

**Note:** This illustration may vary from the actual product.