Air Live®
Powered by OvisLink Corp.

AirVideo-100v2

Wireless Presenter Dongle

User's Manual

www.airlive.com

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FCC Statement

Federal Communication Commission Interference Statement 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 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. For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

IMPORTANT NOTE

FCC 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.

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1 Introduction

1.1 Overview

The AirVideo-100v2 is the most cost-effective and efficient way to do conference presentation. With AirLive Wireless Presenter Dongle, you may now upgrade your projector instantly with Wi-Fi capability by simply plug-connect the AirVideo-100 v2 to your projector.

- **High Performance Wireless Projection & Audio Projection**

With the revolutionary high performance wireless projection with audio, you can easily share the multimedia on the big monitor with friends without cable hassle.

- **Easy installation**

Download the software from web management page directly, or make a “Plug & Show” token to project wirelessly right away

- **Plug & Show**

Perform your presentation wirelessly without swapping the cable when switching between presenters. There is an easy tool to make a Plug & Show USB Token on UI menu. Just link your PC/Laptop to WPS (through WLAN or Ethernet), plug the token into a USB port, and in seconds, your screen will be wireless projected to the connected projector!

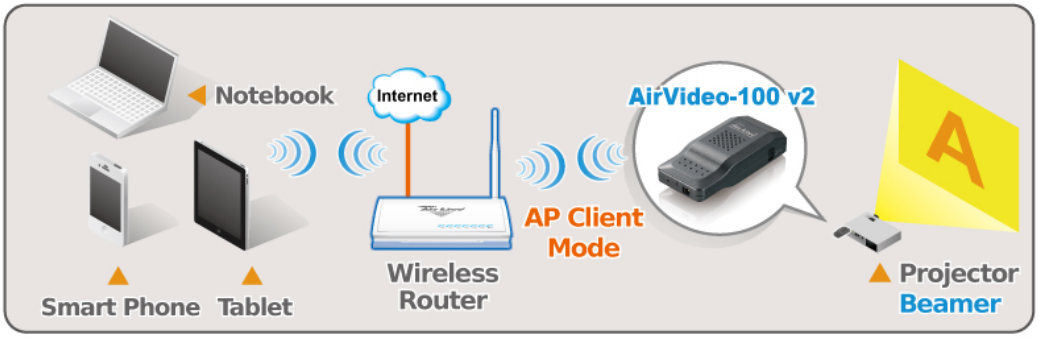
- **AP & AP Client Mode**

AirVideo-100v2 works with AP mode and AP Client mode.

- **Connect to AirVideo-100v2 Directly (AP Mode)**

By the default, the AirVideo-100v2 will always work at AP mode and it acts as a central hub for different Wireless LAN Clients.

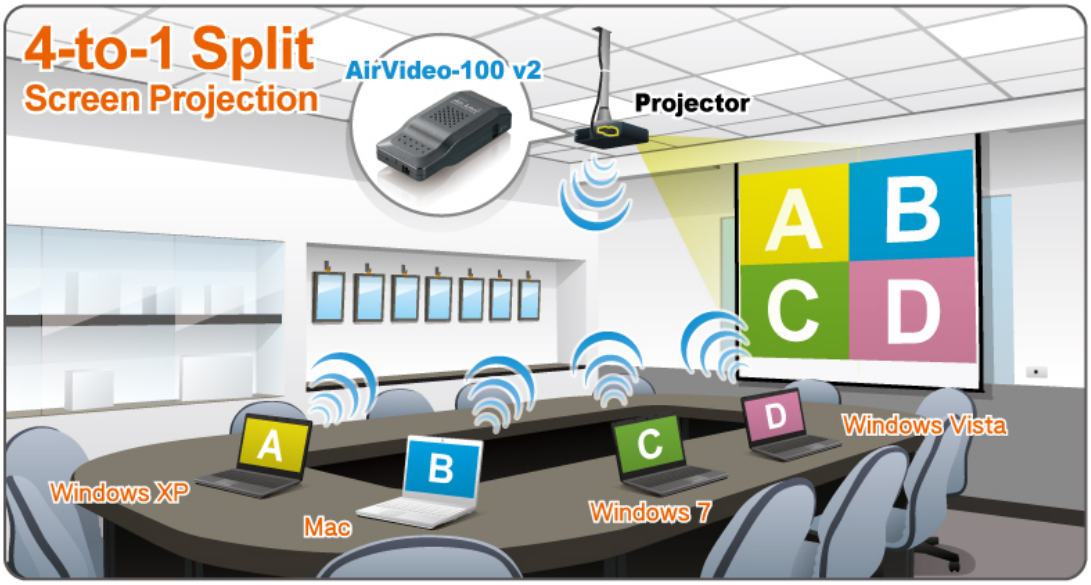
- **Connect to AirVideo-100v2 via Wireless Router (Client Mode)**



You can enable the AP-Client Mode function to let AirVideo-100v2 join the existing Access Point through Wi-Fi. This feature provides the flexibility of wireless network deployment in enterprise environment.

- **Show 4 computers in single screen projection**

With this feature, up to four PC screens can be projected to one projector in the same time. Thus, you can easily do side-by-side comparison from four PC / PDAs to increase meeting productivity!



- **Macintosh(Mac) wireless projection**

AirVideo-100 v2 supports Mac client connected and projected wirelessly. By launching the Mac client software which can be downloaded from the web management page, WPS provide the same experience to Mac user to utilize the wireless presentation feature.

- **Smart phone wireless projection**

AirVideo-100 v2 supports MobiShow function for windows mobile 5/6 system. By launching MobiShow utility, MobiShow brings your mobile screen to big screen and which can play photos and PTG files stored in your mobile phone for presentation.

- **Change Standby Screen**

You can use the application “Screen Image Background Maker” to change the Splash Screen. Design the image with message you would like to present, upload it through web control page, and you could have customized starting page.

The AirVideo-100v2 will act as a Wireless Client to connect with the remote AP, let AirVideo-100v2 join an existing Access Point through Wi-Fi. This feature provides the flexibility of wireless network deployment in enterprise environment.

- **High Quality Projection**

Perform your presentation without boundary; no content limitation but smooth play. However, it is recommended for playing still images or slides only.

- **Compatibility and Power over VGA***

Compatible to Projector/LCD TV/Monitor with standard VGA input connectors. Connect AirVideo-100v2 to a projector supporting PoVGA, the power can be supplied directly from the VGA port without external power adapter

1.2 Features

- Wireless IEEE802.11b/g/n
- Connect PC, smart phone and tablet to video projector wirelessly
- Compatible with any VGA equipped projectors or LCD TV
- Show 4 computers in single screen projection
- Support WXGA+(1280 x 800) high quality projection resolution
- Support smart phone presentation
- 30FPS Real-Time Playback
- Small and portable design
- Support Wi-Fi AP client mode
- Windows XP/Vista/7 and Mac OSX 10.5 and above support
- Support Wireless Encryption WEP 64,128 /WPA/WPA2-PSK
- Customized standby screen
- Web management including software download and device settings
- Power over VGA

1.3 Packing List

1. AirVideo-100 v2*1
2. Power adapter (DC5V,1.2A)*1
3. CD*1
4. Quick Installation Guide*1

1.4 Specification Table

Standards	. IEEE 802.11b/g/n 2.4GHz . IEEE 802.3(10BASE-T)/IEEE802.3u(100BASE-TX)
Wireless channel	. 11(US, Canada) . 13(Europe) . 14(Japan)
Data Rate	Up to 150Mbps
Protocol	TCP/IP
IP configuration	. Automatic: DHCP . Manual: Static IP address
Management	Web-Based configuration
Security	IEEE Standard 64/128 bit WEP/WPA/WPA2-PSK
Antenna	Dual PIFA antenna
Transmission Power	2dBi
Receive Sensitivity	. 802.11b: -76 dBm@11M . 802.11g: -67dBm@54M . 802.11n: HT20 -64dBm@65M , HT40 -61dBm@150M
Supported PC/Laptop Resolution	- SVGA (800x600) / XGA (1024x768) / SXGA (1280x1024) - WXGA (1280x768) / WSXGA (1440x900, 1600x1024) / UXGA (1600x1200) - WUXGA (1920x1200) / QXGA (2048x1536) / Others
Supported Output Resolution	SVGA (800x600) / XGA (1024x768) / WXGA(1280x768) / WXGA^{+}(1280x800)
Supported Windows Account Right	Administrators, Limited User, Guest
Supported Operation System	Windows XP/Vista/7, Windows Mobile 5/6 (MobiShow), Mac OSX 10.5 and above
Power	External Power adaptor 5V DC input 1.2A
Interface	. 15Pin VGA . Reset Button
LED	Power
Mechanical	Dimension: 92.3 x 40 x 22 mm Weight: 52.2 g
Environmental conditions	. Operation Temperature: 0~40℃ . Storage Temperature: -10℃ ~ 60℃ . Operating Humidity: ≦90% . Storage Humidity: ≦80%
Certificate	FCC/CE

1.5 Hardware Installation

1.5.1 Physical Detail

1.5.1 LED Indicator

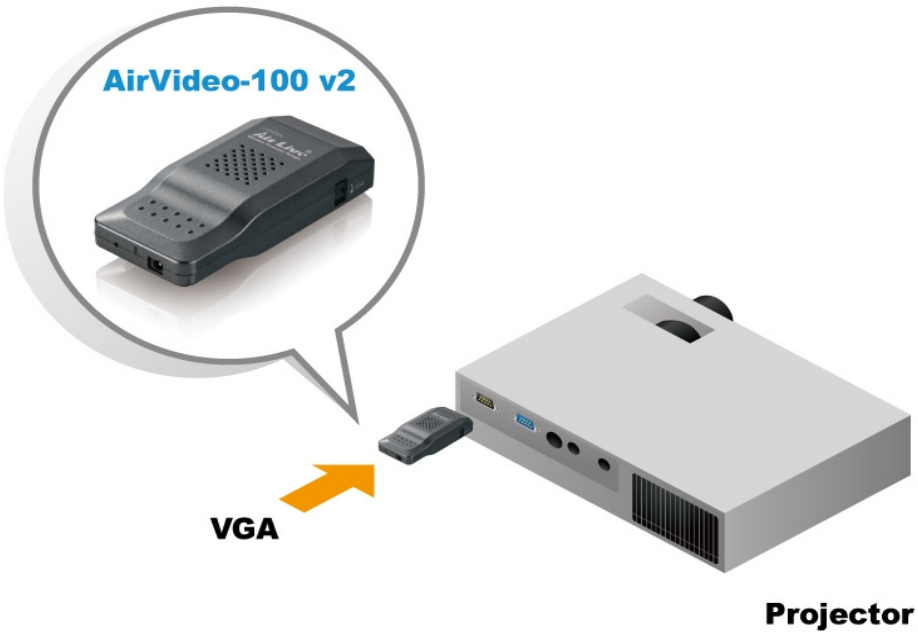
	LED Status	Description
Power	Green	Power is on.

1.5.2 Button Definition

	Description
Reset	**Step1:** Remove the power adapter from AirVideo-100v2. **Step2:** Push the reset button. **Step3:** Plug the power adapter back into AirVideo-100v2. **Step4:** Till the power LED light turn to “Green”, and then release the reset button. **Step5:** The AirVideo-100v2 will load to factory default settings.

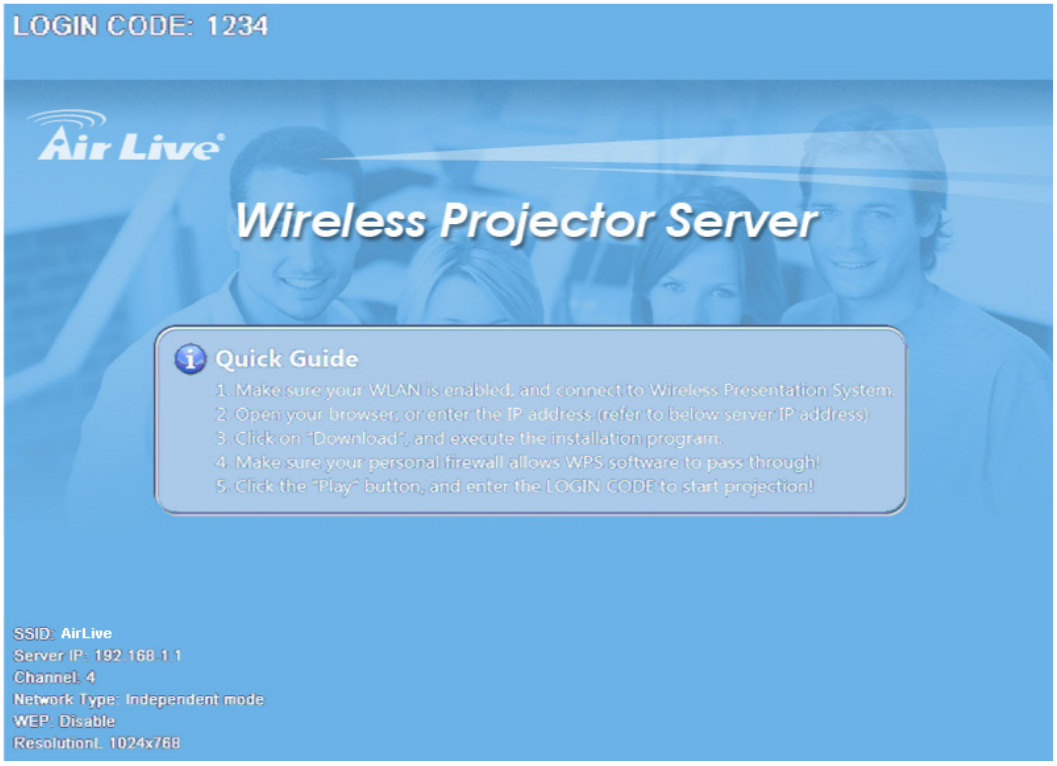
1.5.3 Quick Start

Step1: Please plug AirVideo-100v2 into projector VGA port, and open projector power to use.



Step2: Turn on AirVideo-100v2

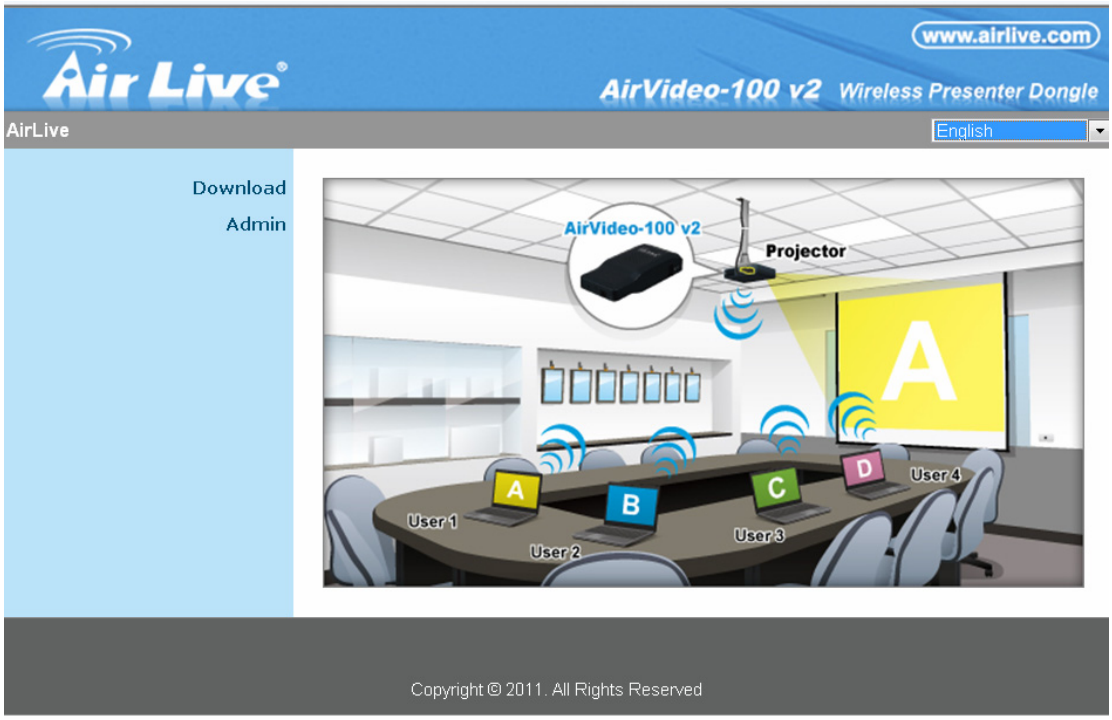
- When Projector shows the default menu on the screen as below, it indicates the AirVideo-100v2 is ready now.



(1) Make sure your WLAN PC is enabled already, and connect your PC with AirVideo-100v2.

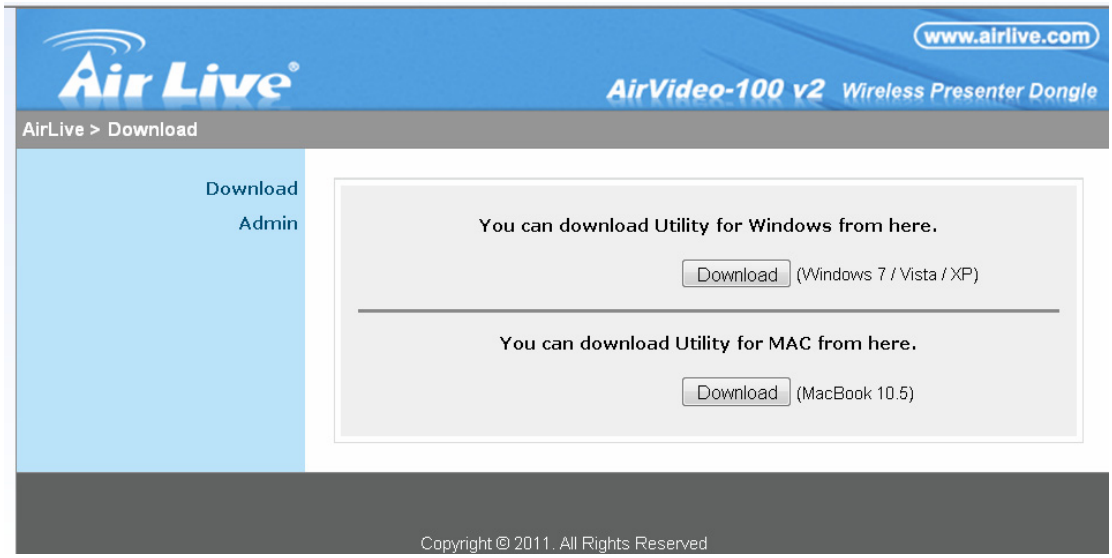
(2) Open your browser and enter the IP address to access the AirVideo-100v2 web home page.

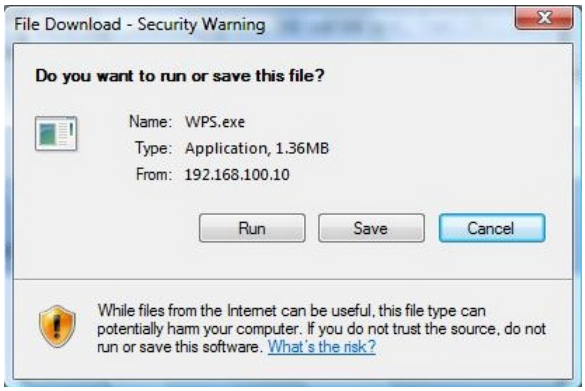
- The default IP address of AirVideo-100v2 is **192.168.1.1** or refers to the IP address shown on the left corner of projector screen.



(3) Download the client software. Please select the" Win7 / Windows Vista / XP" or" MAC" and execute the installation program.

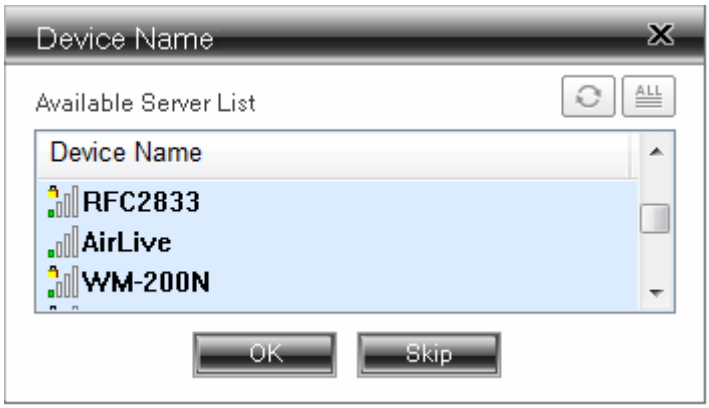
After installing the program, you will see the WPS shortcut on the PC screen.





(4) Making sure your personal firewall allows WPS software to pass through.

(5) Select device that your want to projection



(6) Enter the **Login Code** and you can see the login code on the projector screen.

(7) Click the "**Play**" button to start projection!

2 Getting Start

2.1 Windows Client Utility

2.1.1 Stating Program

After you download WPS (Wireless Projector Server) Windows program via web page successfully, then follow below steps to start.

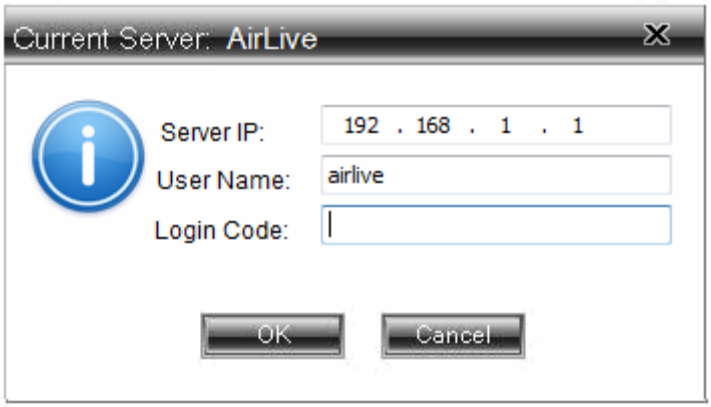
Step1: Click WPS icon to execute the program.

Step2: Program start to search for AirVideo-100v2 automatically.

Step3: If AirVideo-100v2 founded then "**Login Code**" dialog box will be pop up on the PC screen.

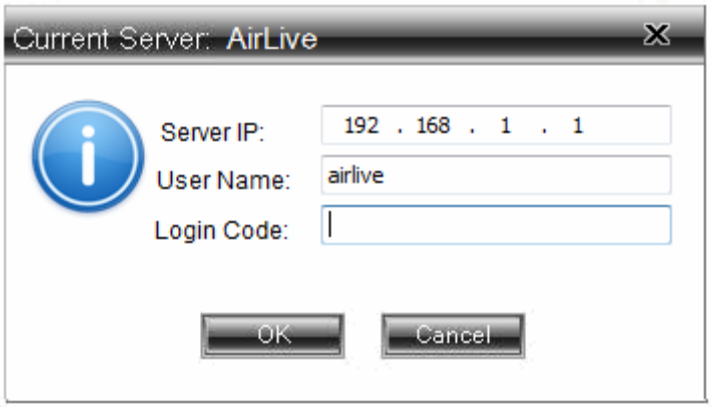
- **Searching for AirVideo-100v2**

- **AirVideo-100v2 is founded and enters login code to start.**

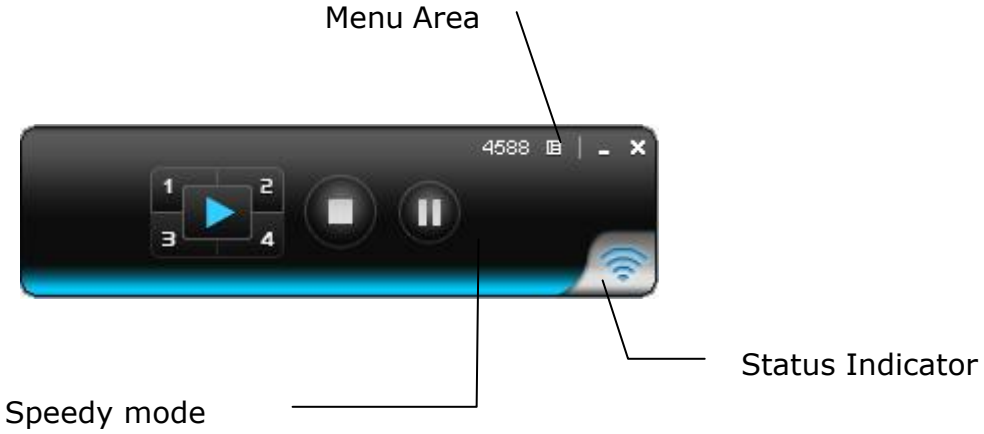


2.1.2 Login

(1) After "**Login Code**" dialog box shown, enter login code to start presentation.
(2) You can see the login code shown on the projector screen.



2.1.3 Main User Interface



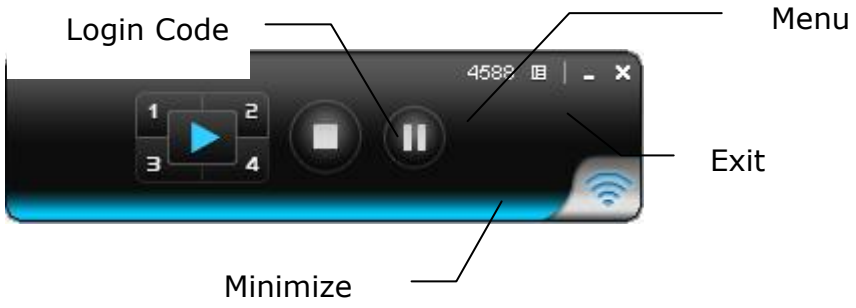
2.1.4 Screen Projection

Click the "**Play**" button for full or split screen, you can project the main screen on to the display immediately, click the "**Pause**" button, you can freeze you projection screen, click the "Stop" button to stop projecting your screen, by clicking speedy mode button, the projection will enter speedy mode for faster projection.

*. 4-1 function will be disabled in speedy mode.
*. To enable audio projection, you have to install provided audio driver first.

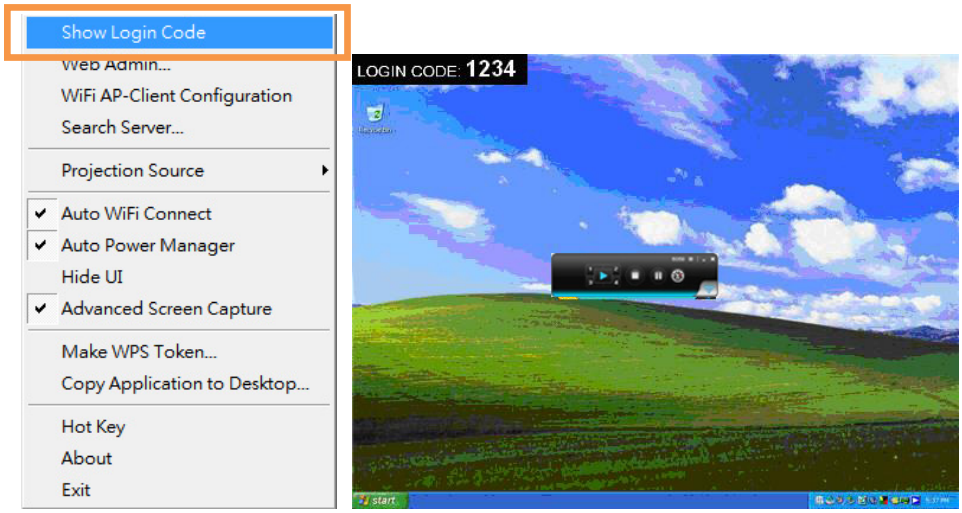
Button	Description
	Full Screen projection
	Project to Split #1
	Project to Split #2
	Project to Split #3
	Project to Split #4
	Stop projecting
	Pause projecting

2.1.5 Menu Description



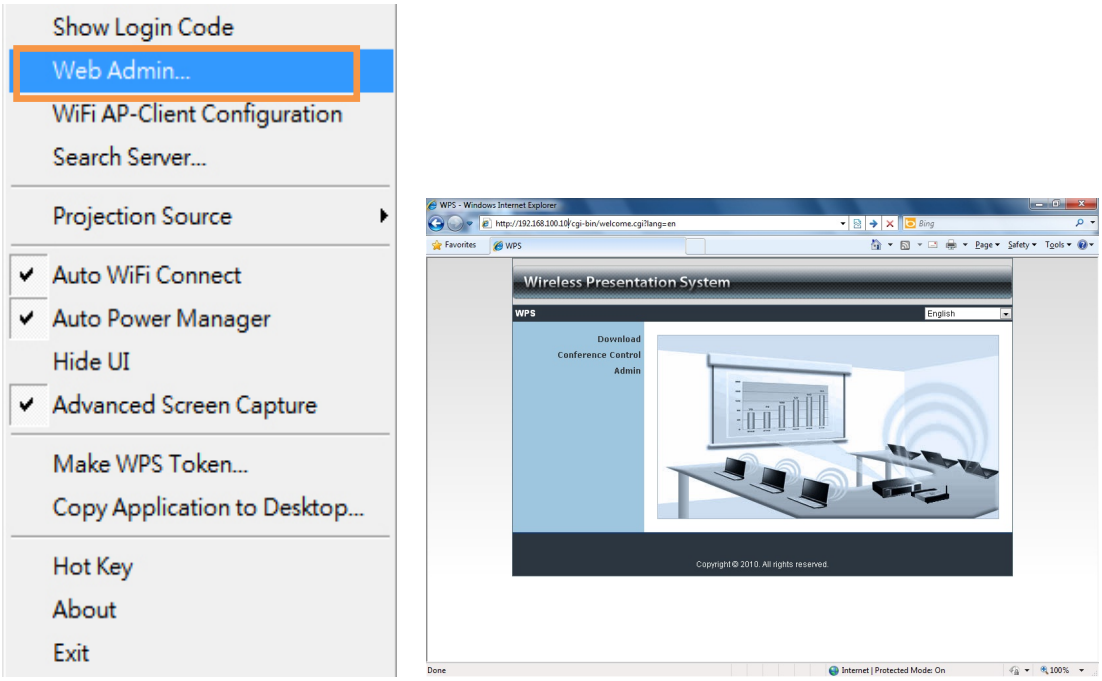
2.1.6 Show Login Code

Click **"Show Login Code"**, it will display the login code on the right-upper of desktop and close it automatically after 10 seconds. You can also click on the area to close this window manually.



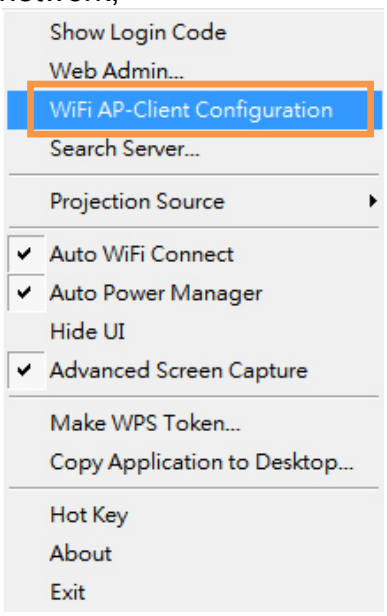
2.1.7 Open Admin Web Page

Click to open function menu and select **"Web Admin"** management web page. The web page detailed functions will be described on next chapter.



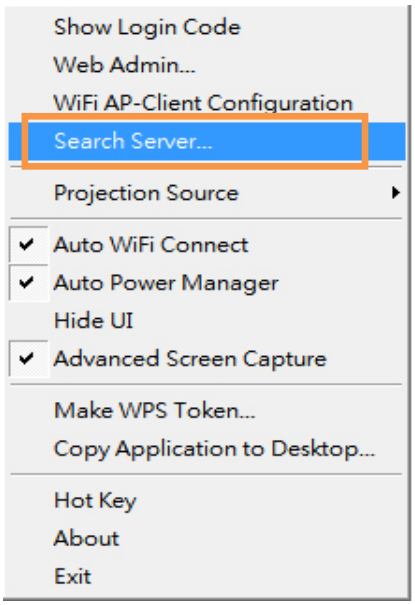
2.1.8 Wi-Fi Client Configuration

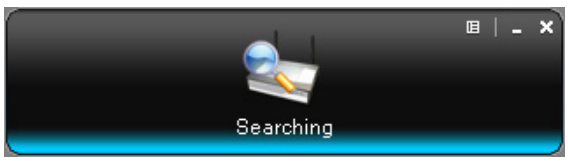
Click **"Wi-Fi AP Client Configuration"** to set AP client mode to join others Access Point via wireless, besides, the others user client also can login AirVideo-100v2 for presentation and join to others Access Point network,



2.1.9 Searching Server

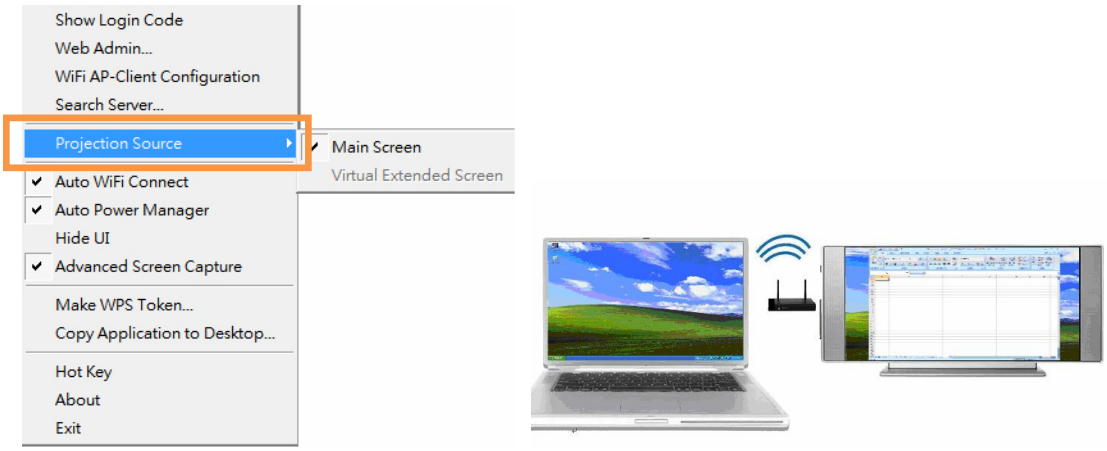
Click **"Search Server"** to re-search the AirVideo-100v2 again.





2.1.10 Projection Source

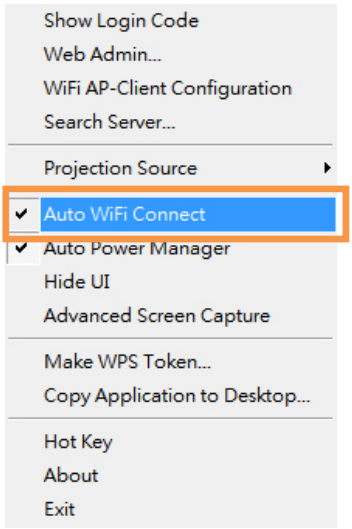
Click the **"Projection Source"**, you can select to project the main screen of desktop or the virtual extended screen.



※ Note: Virtual Extended Screen option, you need to install "**VDD.exe**" driver first which is stored in the USB token, you can find out the VDD program in supplied CD.

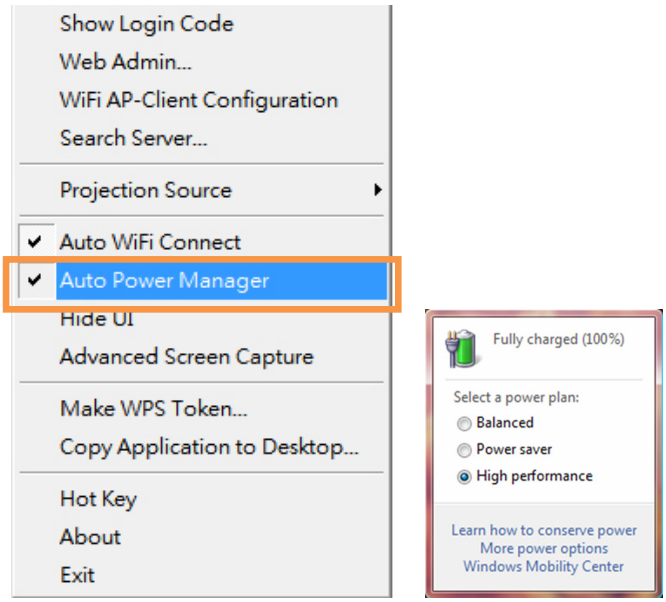
2.1.11 Auto Wi-Fi Connect

Click **"Auto Wi-Fi Connect"** to enable the auto Wi-Fi discovery and connection function for quick wireless set up.



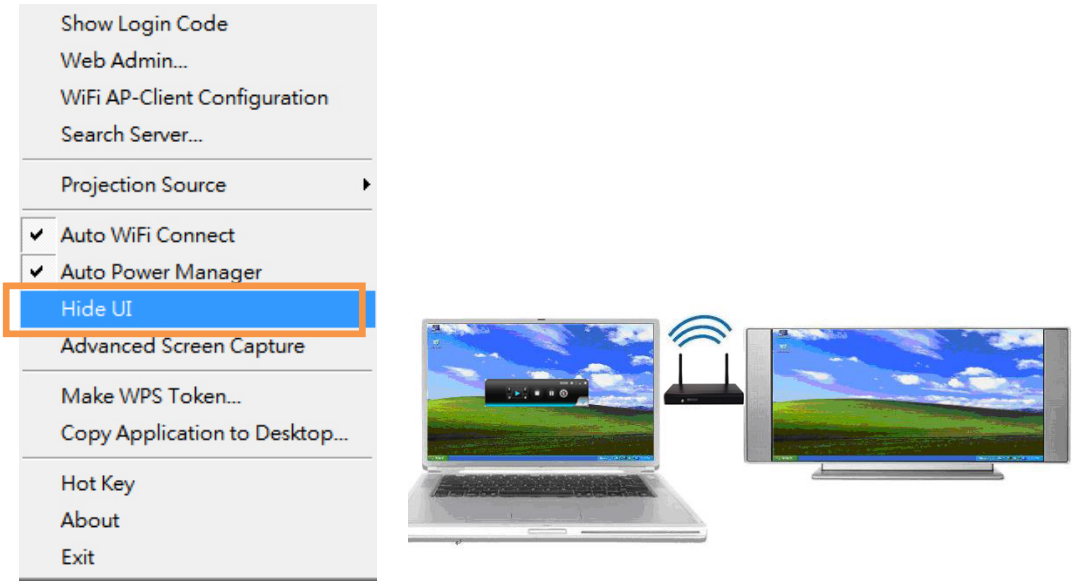
2.1.12 Auto Power Manager

To make the highest projection performance, application will turn the PC's windows power scheme from current settings to "**highest performance**", however, you can click the **"Auto Power Manage"** to enable or disable this function and restore you power scheme immediately.



2.1.13 Hide UI

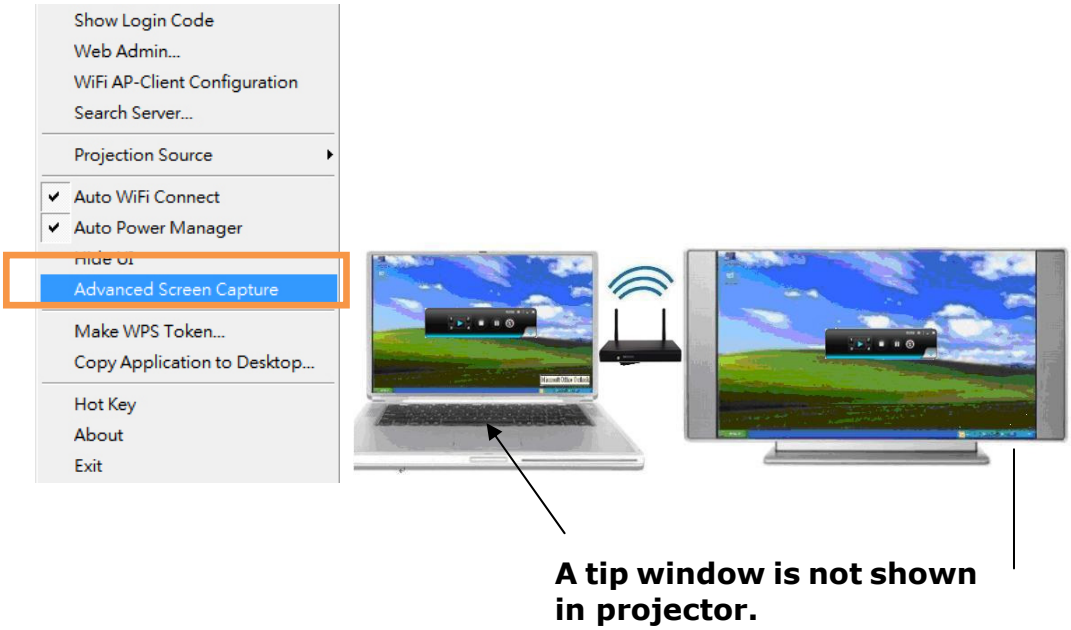
Click the **"Hide UI"**, you can choose to hide or display the application control panel from projection screen.



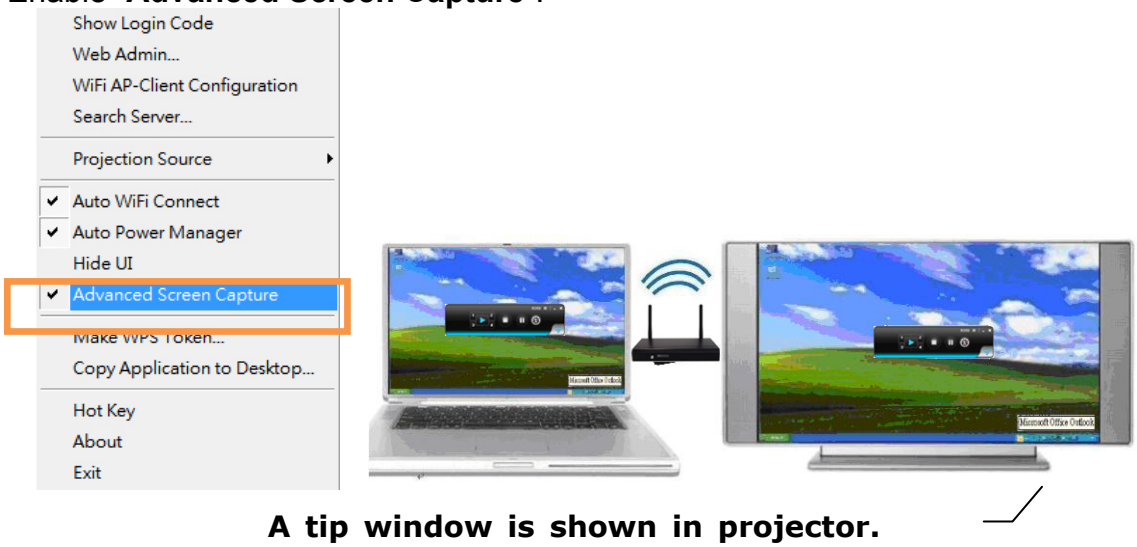
2.1.14 Advanced Screen Capture

Click the **"Advanced Screen Capture"**, you will be able to see tip windows and other layered windows (include the main UI) on the connected display.
However, the mouse cursor may blink from time to time when you are projecting your PC screen!

- Disable "**Advanced Screen Capture**".

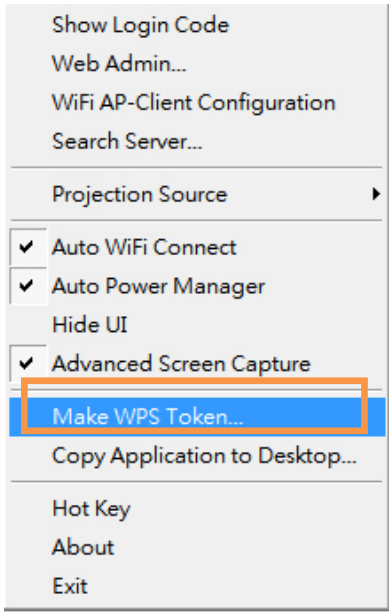


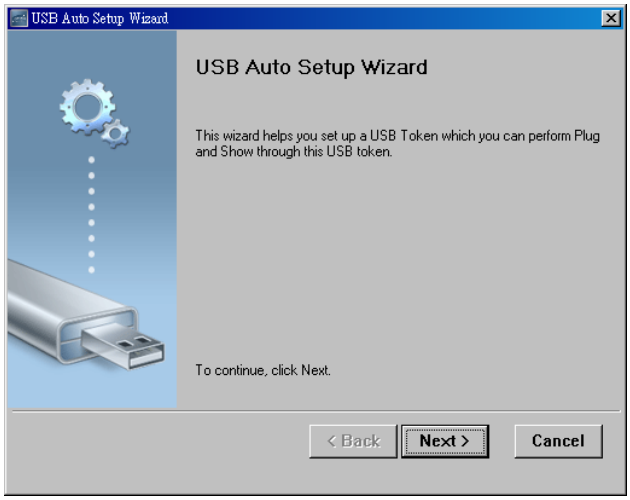
- Enable "**Advanced Screen Capture**".

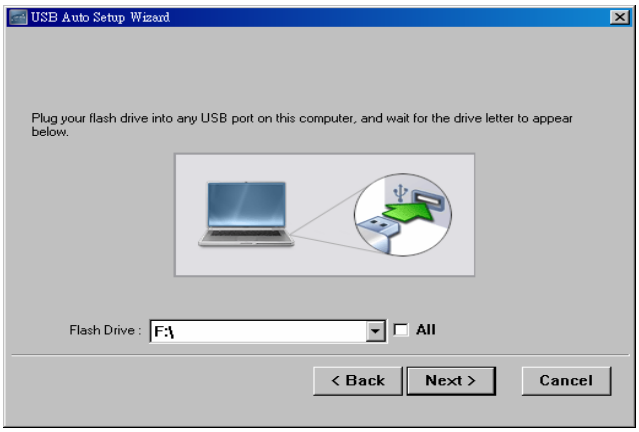


2.1.15 Make WPS Token

Click **"Make WPS Token"** to make a USB WPS Token, you can insert a USB thumb drive and follows the wizard to make the Token.

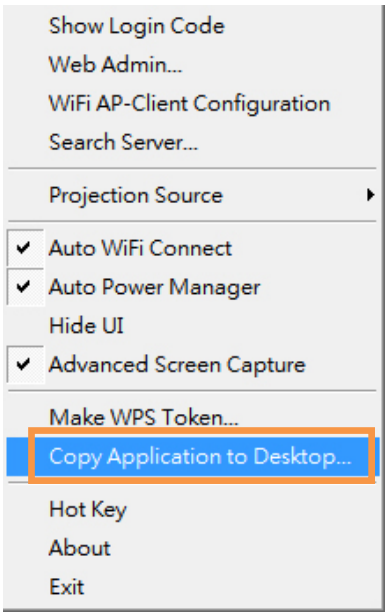






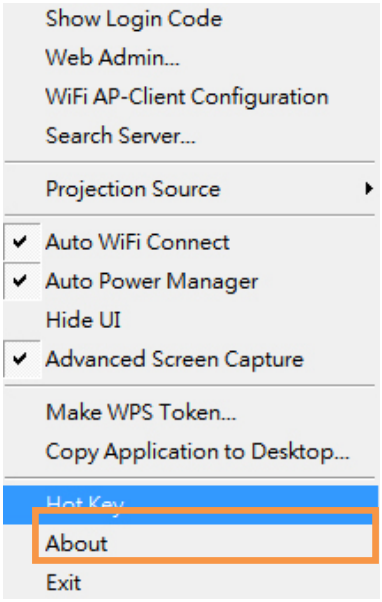
2.1.16 Copy Application to desktop

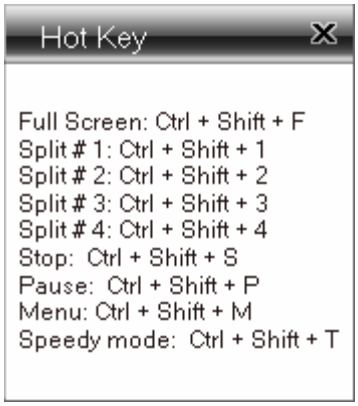
Click the **"Copy Application to desktop"**, it will copy the application to your desktop immediately even you don't have the system privilege



2.1.17 Hot Key

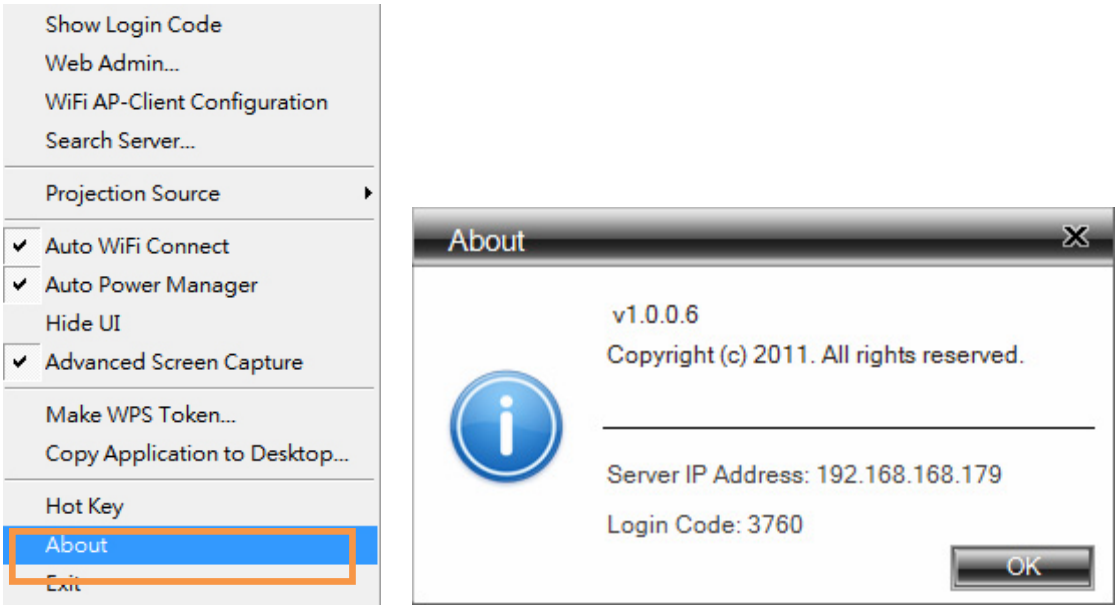
Click **"Hot Key"** to show Hot Key guide. You can use hot key to control the projection by keyboard.





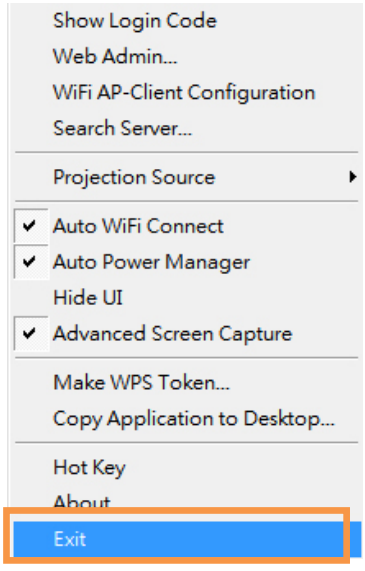
2.1.18 About

Click **"About" -** to show system information.
It includes product model name, Client version, IP address and other information.



2.1.19 Exit

Click **"Exit"** to exit this application. It will stop current playing status and close the application immediate.



2.2 Mac Client Utility

2.2.1 Launch Application

This chapter guides how to use AirVideo-100v2 on MAC OS, the installation steps as below,

Step1: Enable your Wi-Fi and connect to AirVideo-100v2 device.

Step2: Execute WPS client software for Mac.

Step3: Launch WPS software and enter the login code.

Step4: Start Projection.

2.2.2 Main User Interface

2.2.3 Screen Projection

Click the "**Play**" button for full or split screen, you can project the main screen on to the display immediately, click the "**Pause**" button, you can freeze you projection screen, and click the "**Stop**" button to stop projecting your screen.

Button	Description
	Full Screen projection
	Project to Split #1
	Project to Split #2
	Project to Split #3
	Project to Split #4
	Stop projecting
	Pause projecting
	Refresh Screen

2.3 Web Management

2.3.1 Home Page

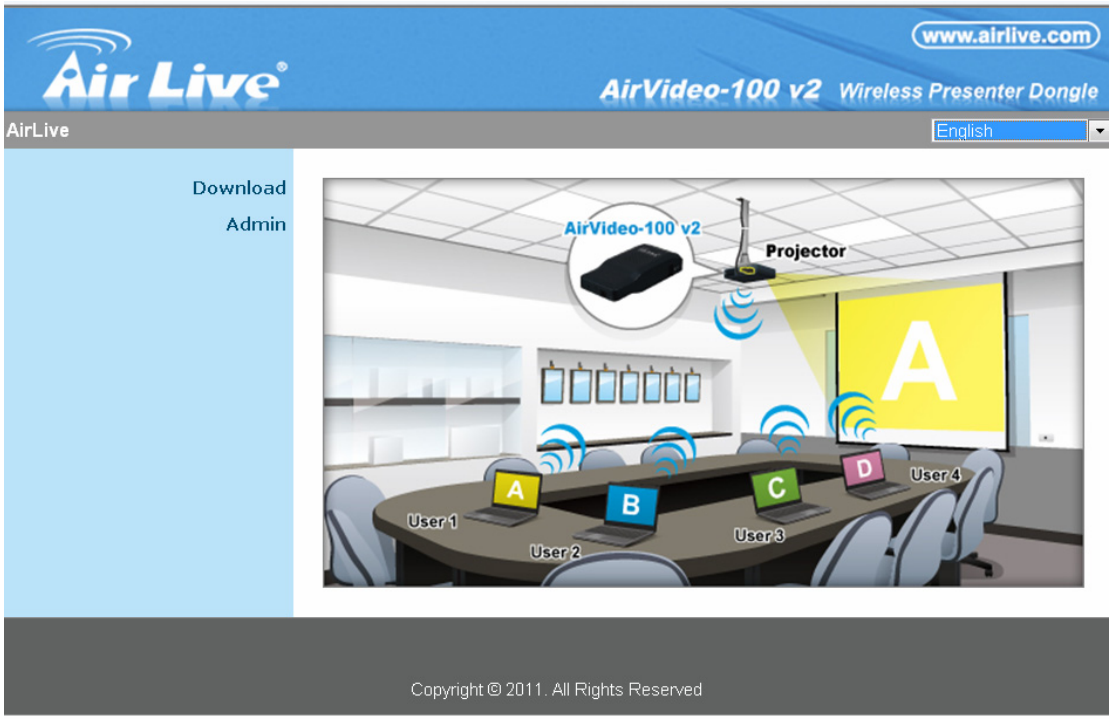
There are two way to manage AirVideo-100v2 via WPS utility and via Web Management. Here, we will introduce the Web Management.

Step1: Make sure your PC connect to AirVideo-100v2 successfully.

Step2: Open your browser, it will enter AirVideo-100v2's home page automatically.

Step3: If not, enter your IP address on the browser; you can see the IP on the projector screen.

Step4: The default IP is **192.168.1.1**



2.3.2 Download Software

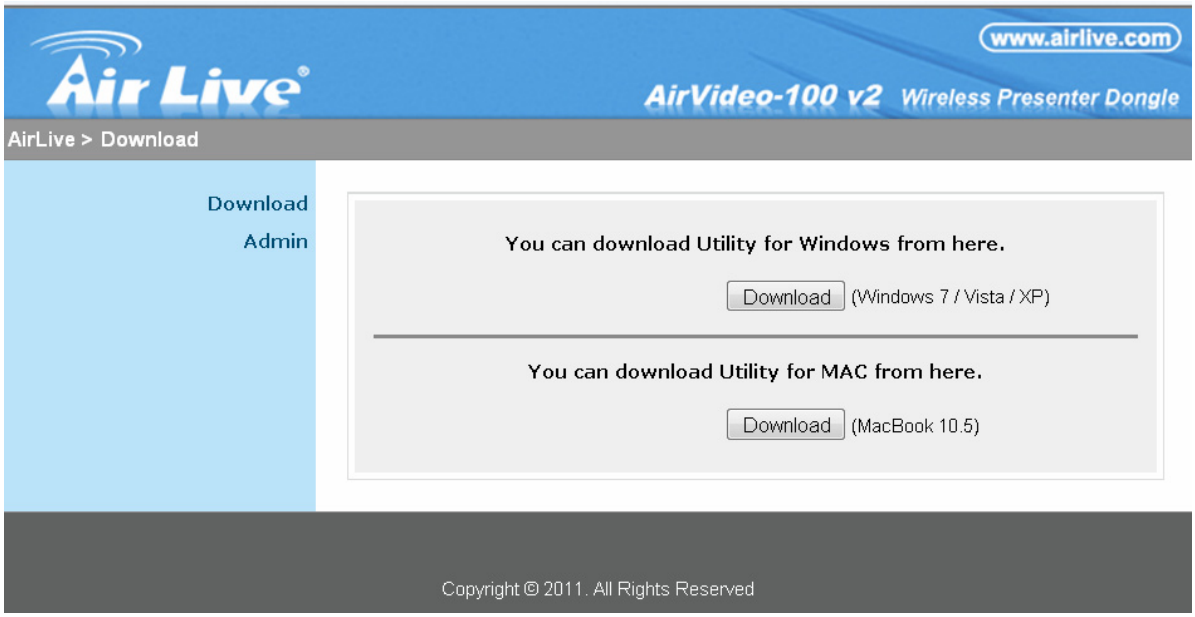
On the left-side of Web Management, you can select "**Download software**" function if you haven't yet install the WPS utility into your device before.

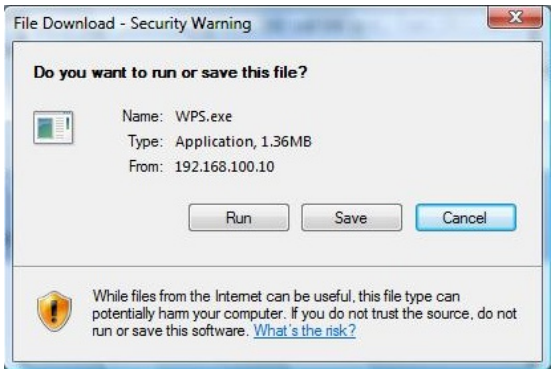
Step1: Select the "**Win 7 / Windows Vista / XP**" or "**Mac Utility"** and execute the installation program.

Step2: Follow Installation Wizard instructions to proceed till the installation process complete.

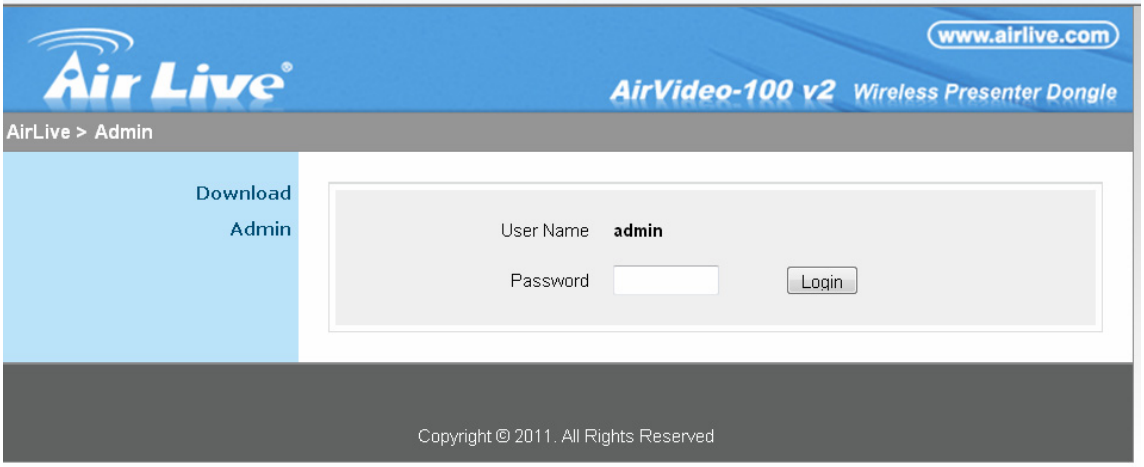
Step3: If pop up "**Windows Security Alert**" because Windows firewall block this program. You just press "**Unblock**" button to continue installation.

Step4: Once installation complete, a utility shortcut come out on the screen.





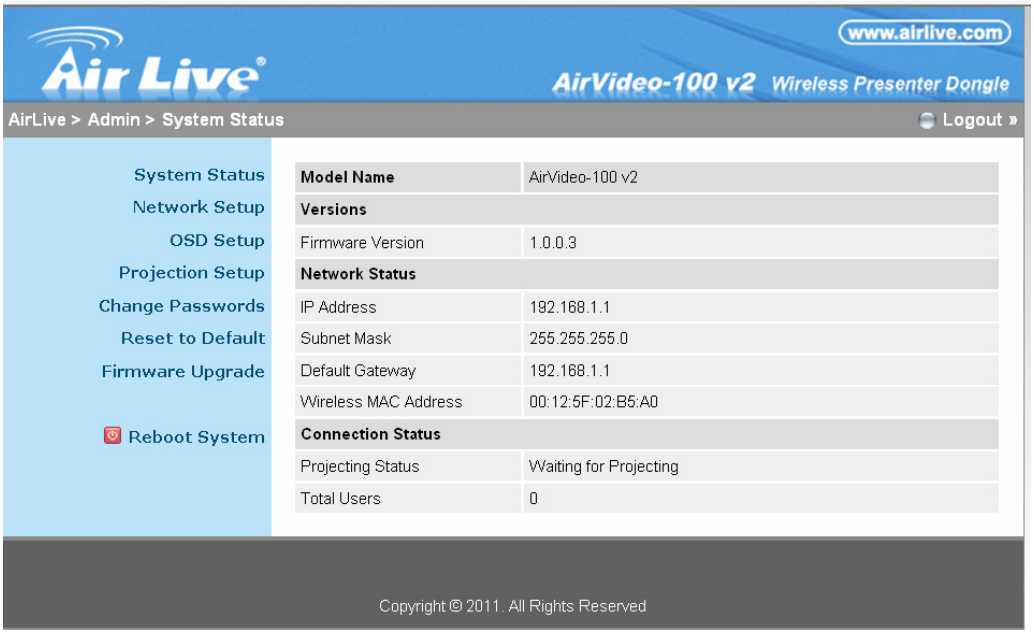
2.3.3 Login Web Admin



1. Click [**Admin]** and then enter password to login web page.
2. The password default value is "**airlive**".

2.3.4 System Status

This page is shown the System Status include Model Name, Version, Network Status and Connection Status.



Click **[System Status],** shows current system status.

Model Name: Product model name

Versions:

1. Firmware version no.: Product firmware version number.

Network Status:

1. IP address：IP address of AirVideo-100v2 device.
2. Subnet Mask：subnet mask
3. Default Gateway：default gateway
4. Wireless MAC address：wireless MAC address
5. Wire MAC address：wire MAC address

Connection Status:

1. Projecting status: which is "**Waiting for projecting**" or "**Projecting**"
2. Total Users: It shows how many users login into AirVideo-100v2.

2.3.5 Network Setup

There are many kinds of operating configurations as below, IP Setup, respectively DHCP Server and Wireless Setup and AP Client.

< Auto-Configuration Network Setup>

The default setting of the AirVideo-100v2 box is DHCP client.

- When the AirVideo-100v2 is connected to a LAN that already has a DHCP server present, the AirVideo-100v2 takes an IP address assigned to it by the server.
- When the AirVideo-100v2 is connected to a LAN that does not have a DHCP server, the AirVideo-100v2 becomes the DHCP server in the network.

< IP Setup>

- You can select "**obtain IP address automatically**" or "**Use the following IP address**"
- IP Address: The default value is 192.168.100.10.
- Subnet Mask: The default value is 255.255.255.0
- Default Gateway: The default value is 192.168.100.10
- DNS Server: The default value is 192.168.100.10

<DHCP Server Setup>

- You can select "**Auto**(Enable/Disable DHCP Server" or "**Disable**")
- Start IP: The start IP address of DHCP Server.
- End IP: The end IP address of DHCP Server
- Subnet Mask: The default value is 255.255.255.0
- Default Gateway: The default value is 192.168.100.10
- DNS Server: The default value is 192.168.100.10

< Wireless Setup>

- **Wireless LAN**: The default value is "**Enable**".
  Embedded AP SSID:SSID string ,max. Length is 32 bytes.
- **Connect to Existing AP**: This is "AP client" mode feature. By this feature you can join others Access Point via wireless.
  First, enter the existing AP's SSID and require security key in "**Existing AP SSID**" and "**Key**", then reboot your system. After these steps, WPS will connect to this AP by wireless automatically.

※ Note: The default value of AP client mode is "**Disable**", and LAN function will be disabled during AP client mode.

- **Region**: default value is "**Worldwide**".
- **SSID Broadcast**: The default value is "**Enable**"
- **Channel**: to set fixed channel or Auto. The "**Auto**" means after power on WPS, it will scan all of wireless channel and select clear one channel automatically.
- **Encryption**: you can select "**Disable**" or one of WEP/WPA/WPA2 64bit or 128bit in ASCII or HEX string.
- **Key**: If Encryption is enabled, you have to set key value according to the encryption mode you selected.

< Gatekeeper>

Gatekeeper is designed for ensuring the enterprise network security within AirVideo-100v2

- All Block can block Guest Users(through wireless) to access all office network(LAN),
- All Allow can pass Guest Users(through wireless) to access all office network
- Internet Only can block Guest Users (through wireless) from office network (LAN) but still reserve internet connection capability.

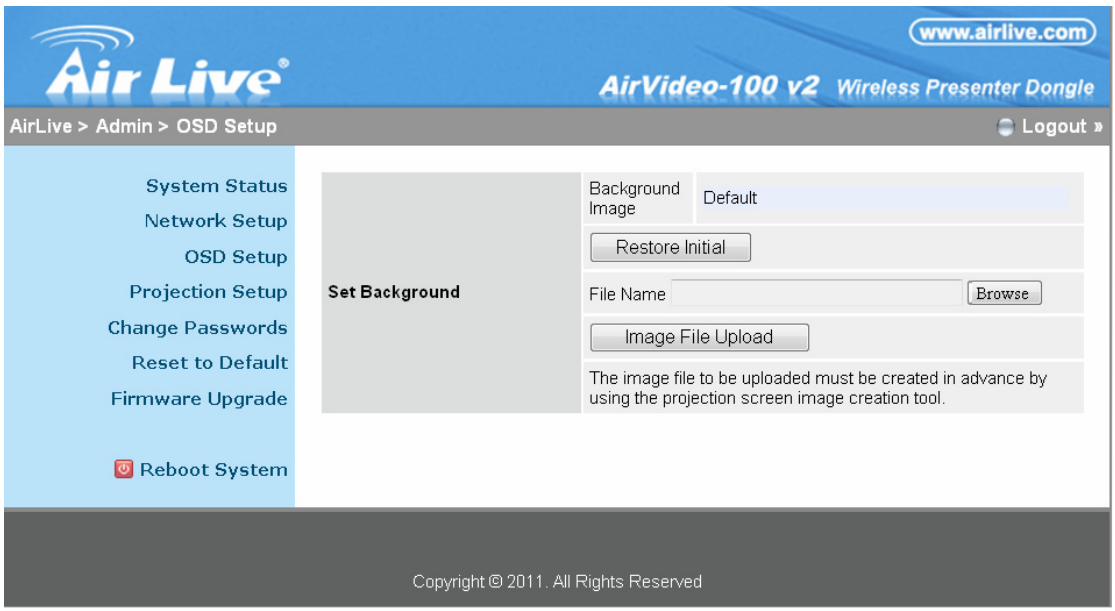
<Apply >: press button to select this mode.

<Cancel>: press button to abort action.

<Back>: Back to Operating mode main menu.

2.3.6 OSD Setup

This option can change your OSD standby image on your projector.



Click **[OSD Setup]** button, to change OSD standby image.

- **<Restore Initial>**: Restore to default OSD standby image.
- **<Image File Upload>**: Upload the customized OSD standby image. (You need to convert the image to system defined format using provided IB Maker utility which is stored in the USB token.)

2.3.7 Projection Setup

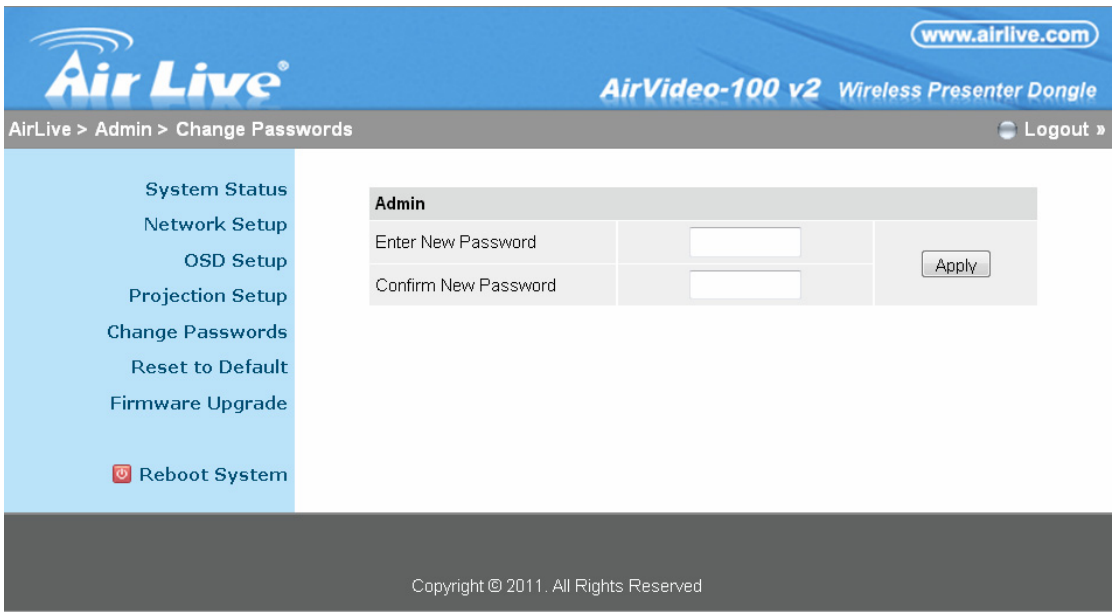
This option can change the resolution and login code on your projector.

Click **[Projection Setup]** button

- **<Resolution>**:
  VGA: XGA (1024*768), WXGA (1280x800), WXGA (1280*768) and SVGA (800*600). The default value is XGA.
  HDMI: 720p (1280*720)
- **<Login Code>**: You can select “Disable”, “Random”, or “Use the following code” to set a specified 4-characters Number.
- **<Apply>**：Confirmation and Save modifications
- **<Cancel>:** Cancel all the modifications

2.3.8 Change Passwords

You can change the Web Management Password here. We **strongly** recommend you to change the password for security reason. Click on "**Apply**" to store your settings.

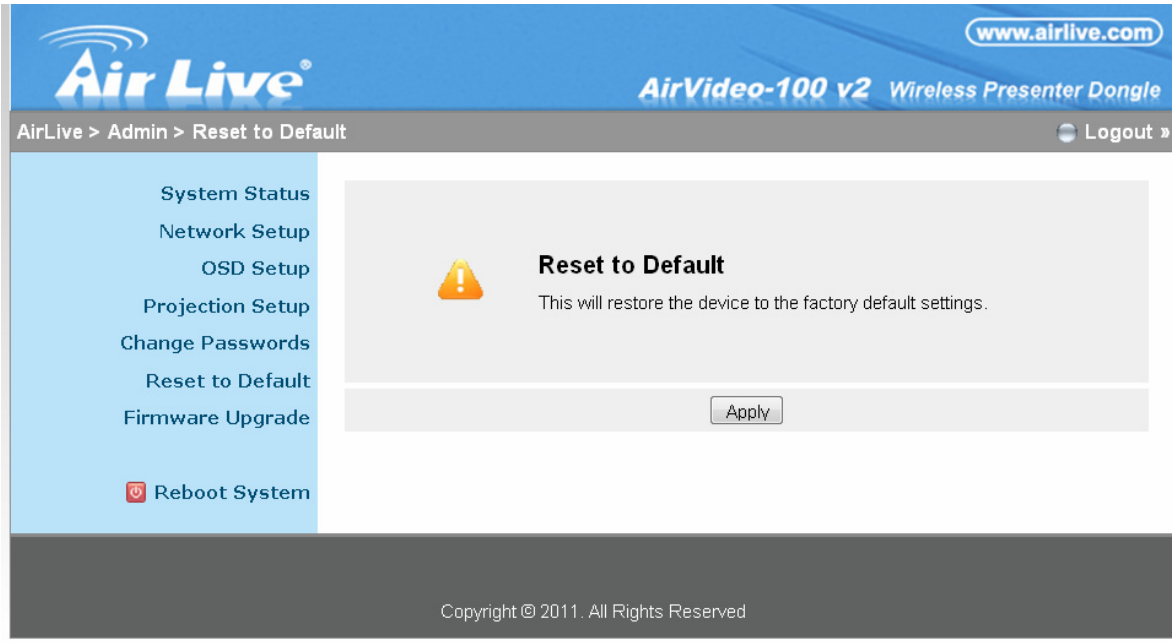


Click **[Change Password]** button, to change password value.
The length of password is up to 8 characters.

- **<Enter New Password>:** enter new password you want to change for each category.
- **<Confirm New Password>**: double confirm new password.
- **<Apply>:** Confirmation and Save modifications.

2.3.9 Reset to Default

You can also reset this device to factory default settings by clicking the **Reset to default** function item.

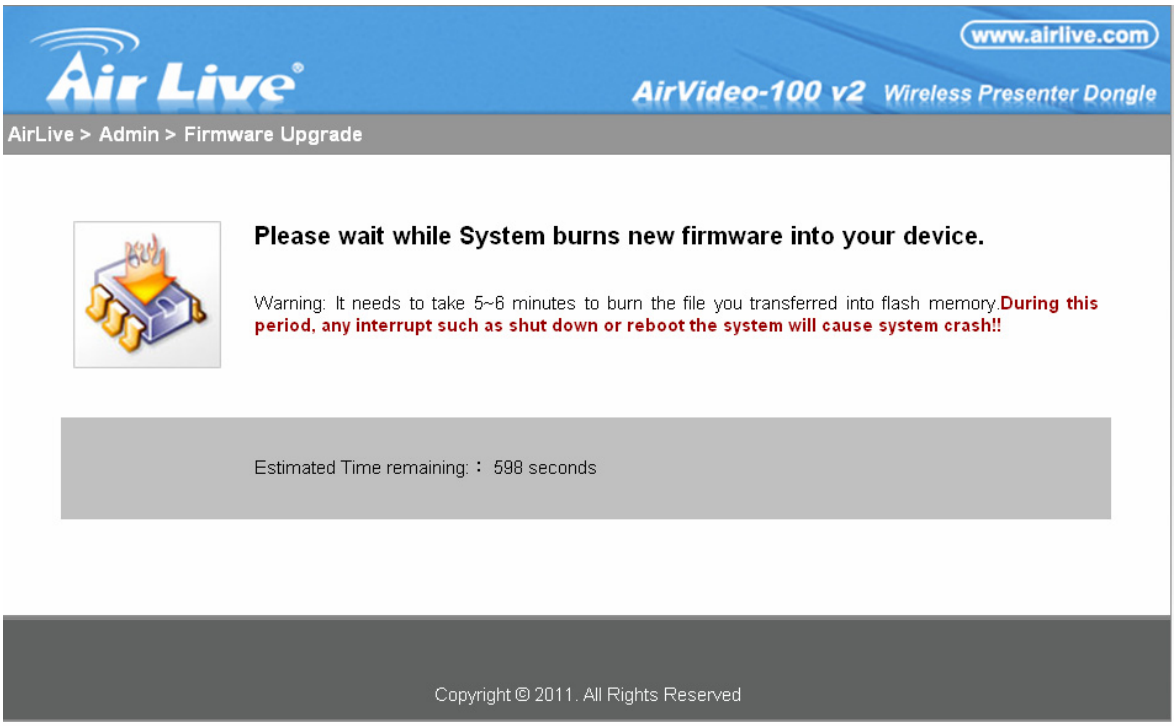


Click **[Reset to Default]** button to restore factory default settings.
<Apply>: Confirmation and action.

2.3.10 Firmware Upgrade

Click **[Firmware Upgrade]** button to upgrade firmware.

1. Firstly, you have to get latest firmware image file from your vendor.
2. Click **<Browse>** to specify file name you want to upgrade.
3. Click **<Upgrade>** to start.
4. A warning message shown and countdown counter on the screen.
5. After a few minutes, a complete message shown on the screen.
6. Restart AirVideo-100v2 to take effect.



Warning: Please DON'T turn the AirVideo-100v2 power off while firmware upgrade in progress, otherwise it will cause your AirVideo-100v2 malfunction; you will have to return device for RMA.

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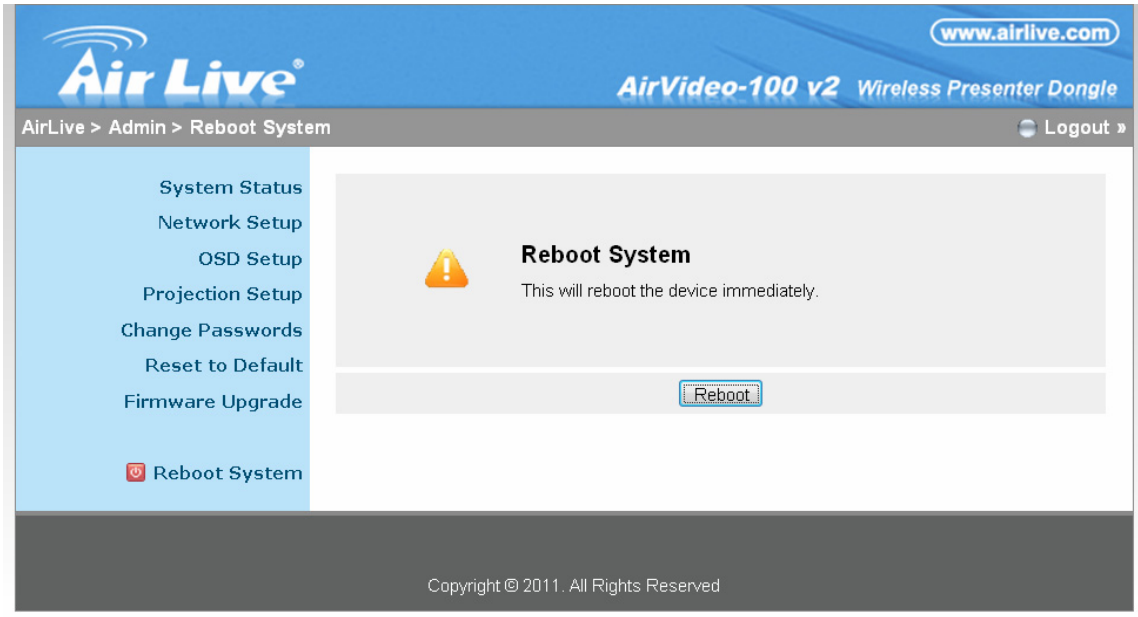
2.3.11 Reboot System

To reboot the device-

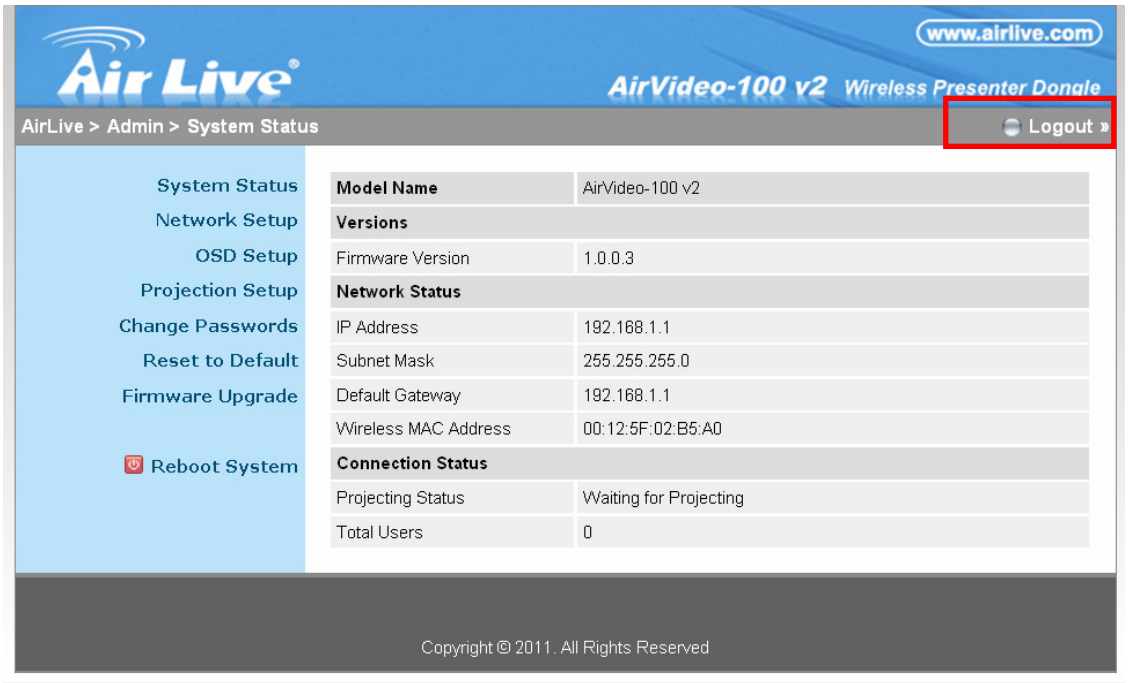


Click **[Reboot System]** button, to restart system

- **<Reboot>**: reboot system automatically.

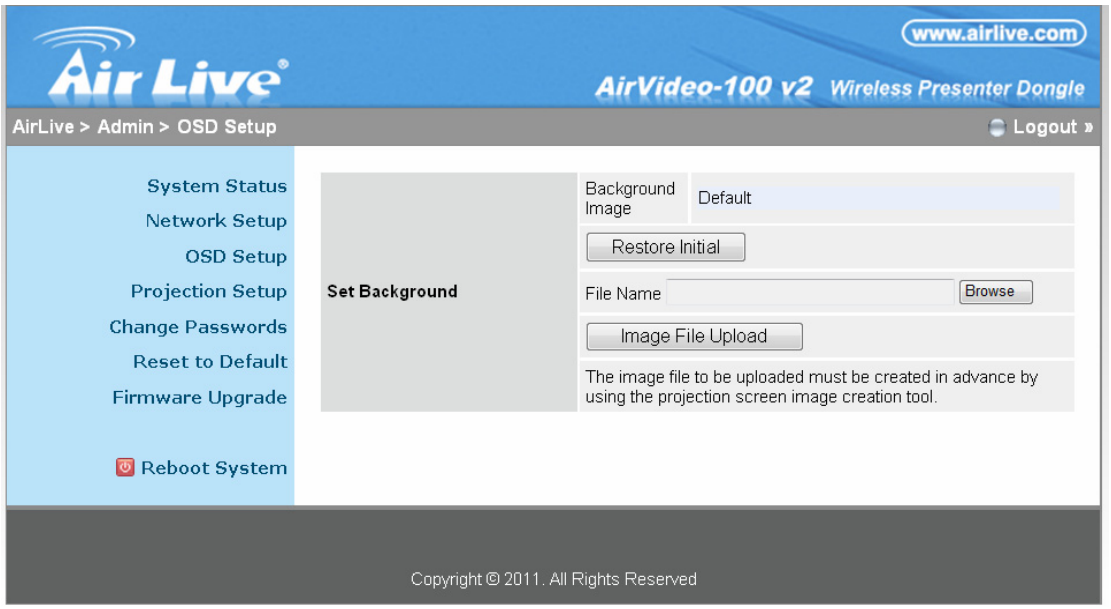
2.3.12 Logout

To logout the device-



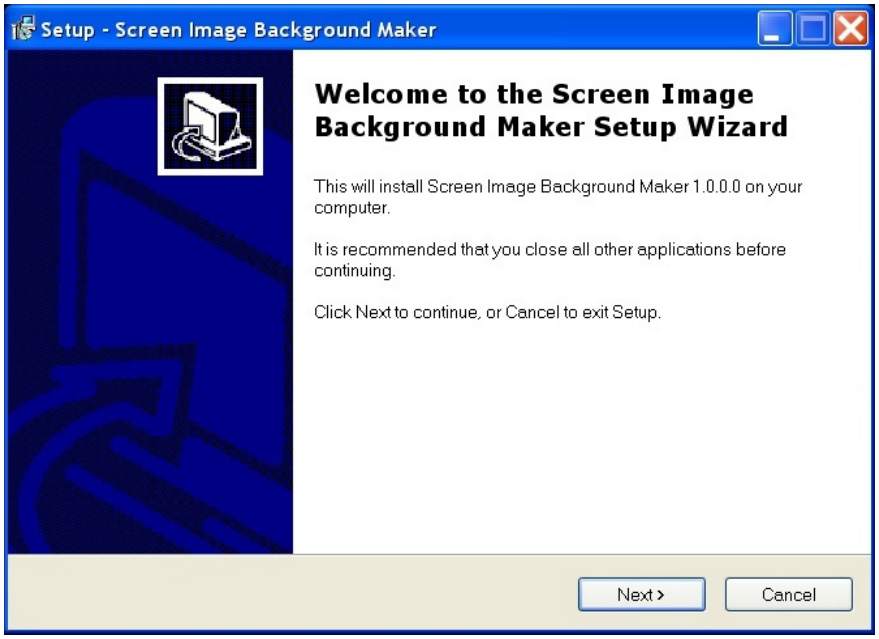
2.3.13 Screen Image Background Maker

This chapter guides you how to change the Background Image.

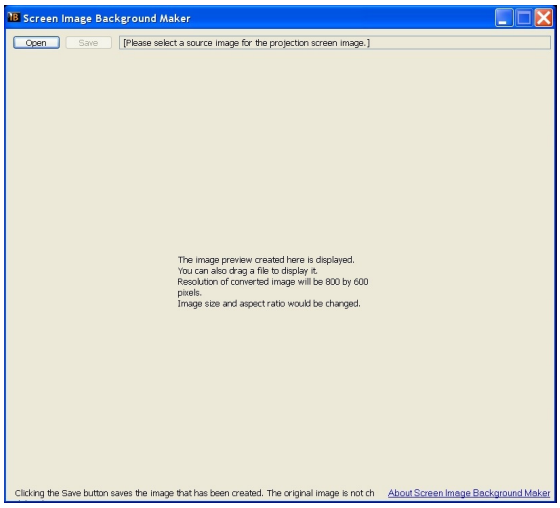


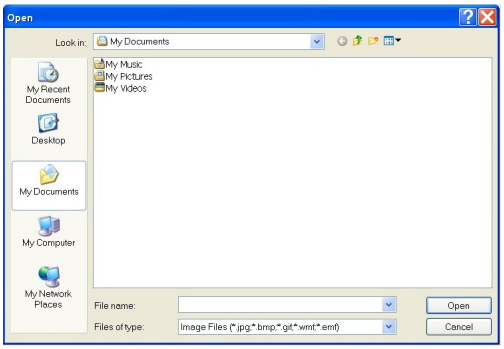
The installation steps as below,

Step1: Run the "**Screen Image Background Maker**" and follows the wizard to convert the image file.

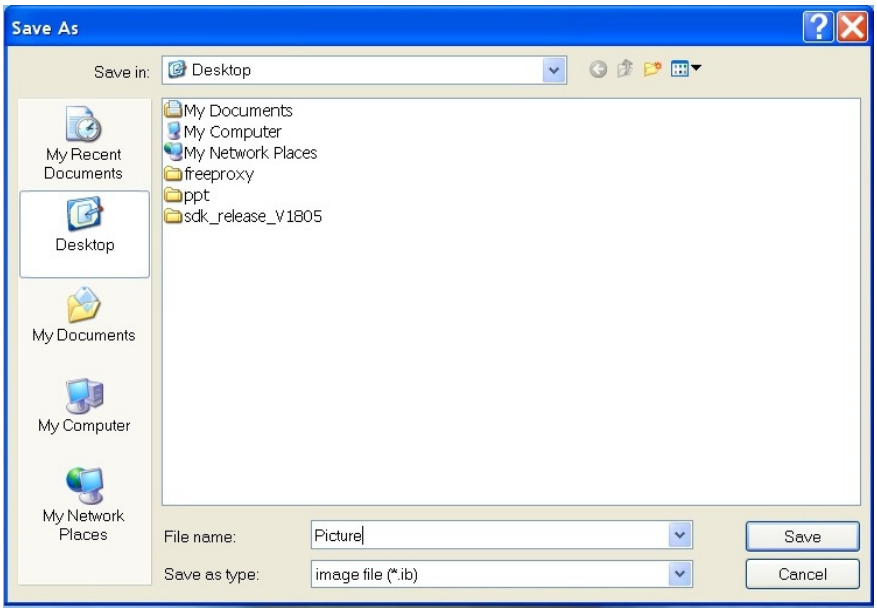


Step2: Press “**Open**” to select a file to convert this image for background use.

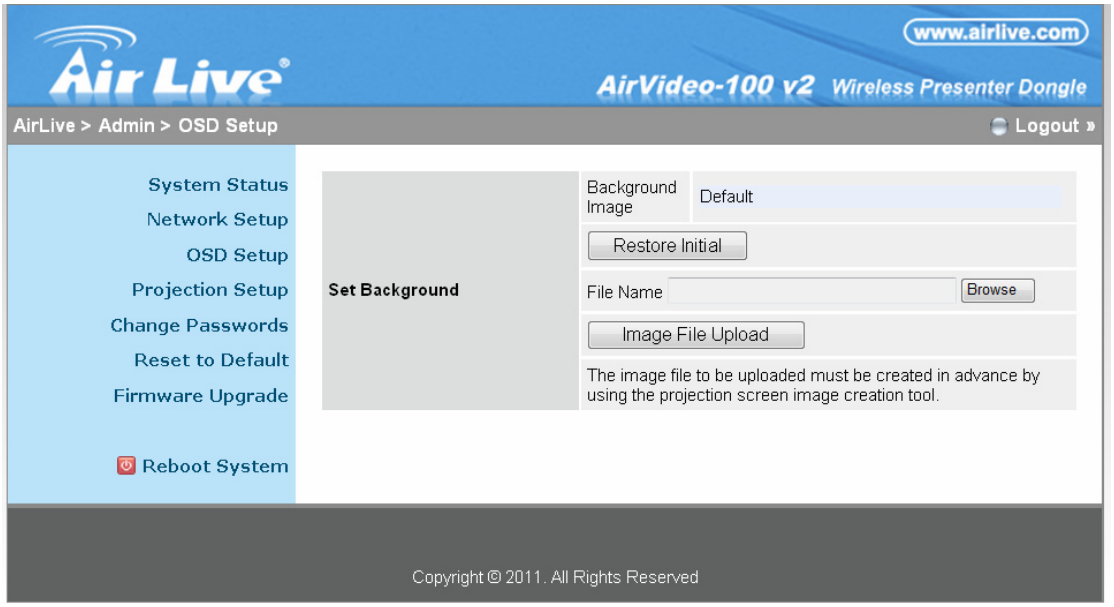




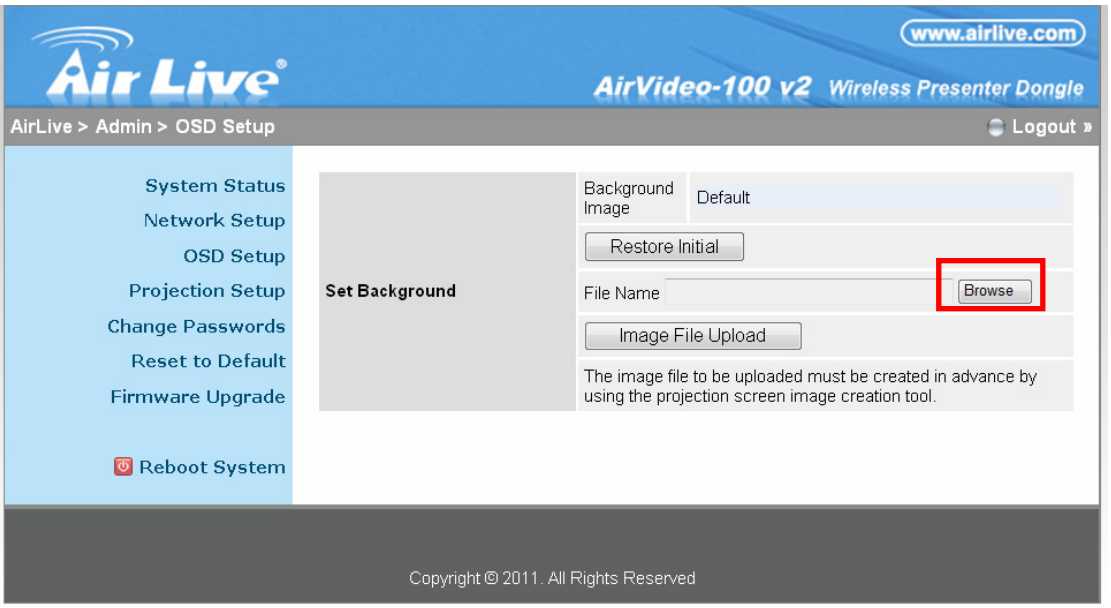
Step3: Press “**Saver**” to save this file. (*.ib)

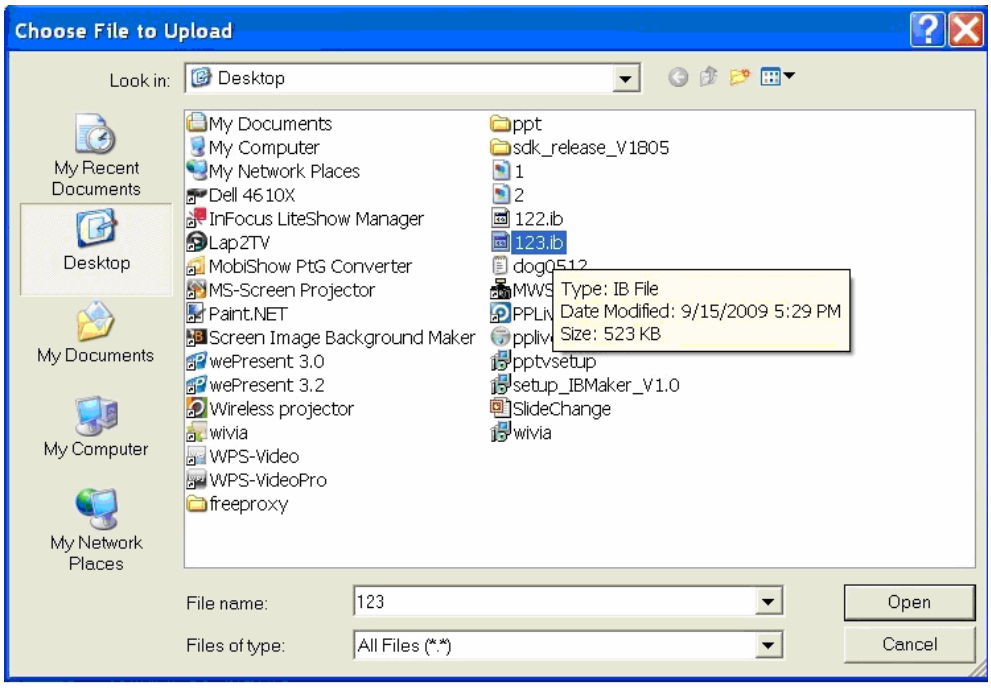


Step4: Please connect to AirVideo-100v2's webpage, and then connect to OSD setup page.

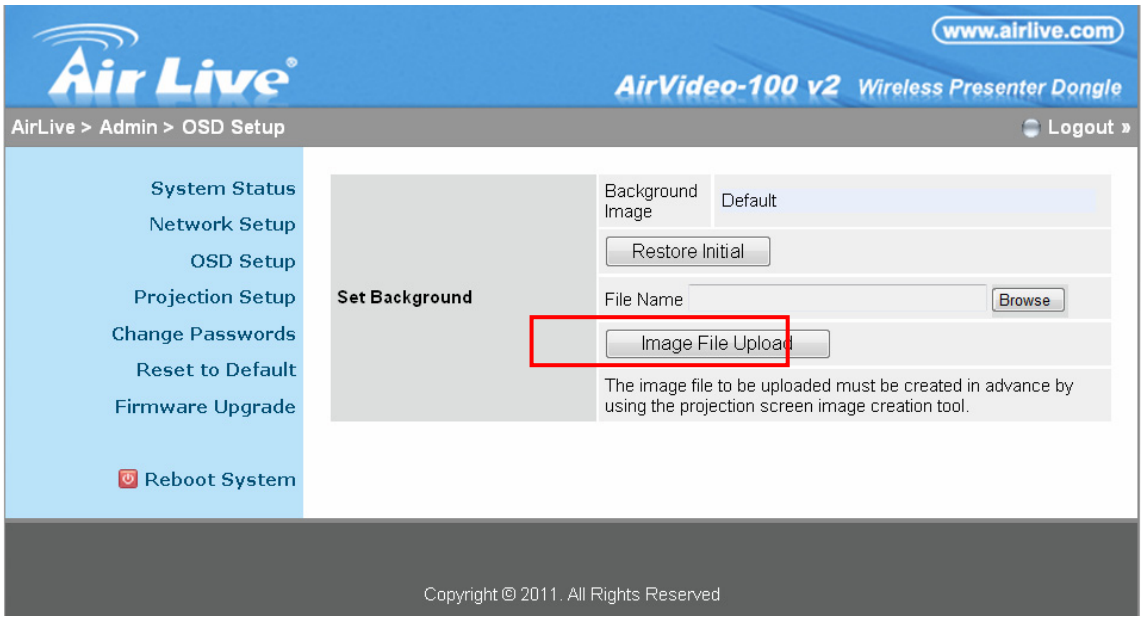


Step5: Press "**Browser**" to choose the *.ib file.





Step6: Press "**image file upload**" to upload your background image, then it will show the message as below.



※ **Note:** You may find "**Screen Image Background Maker**" in the USB Token.

3 Smart phone Application

3.1 Introduce

The AirVideo-100 v2 supports to presentation on different Smartphone platforms via MobiShow. In this chapter will introduce how to play the file, photo or even show your screen profile from your mobile to big screen wirelessly.

MobiShow has included Screen Projection, PtG(Presentation-to-Go) and Photo Viewer. The below table shown the support list on the smart phone.

	Windows Mobile	iPad/iPhone	Android pad/phone	Blackberry
Version	5, 6.1, 6.5	iOS 3.x & Above	1.5&above	5.0,oo higher
Software	In Supplied CD	Download from Appstore site	Download from Andriod Market	Download from App World
Screen Projection	**V**	X	X	X
PtG	**V**	**V**	**V**	**V**
Photo Viewer	**V**	**V**	**V**	**V**
	Windows Mobile	**iPad/iPhone**	**Android pad/phone**	**Blackberry**

3.2 PtG converter

3.2.1 PtG Converter

First, you need to your the PtG converter transfer the file into your mobile device. The PtG Converter program you can find out from the supplied CD.

Open **"MobiShow PtG Converter"** in **"MobiShow\MobiShow PtG Converter"** folder from **"Programs"** in the Start menu.

The following control panel is displayed on your Desktop when it is launched.

- Click the " **Convert"** button to select a PowerPoint PPT file and start conversion. PtG Converter will open the PowerPoint file and convert it to PtG format. You can see the conversion process on your Desktop.
- Click the " **Preview"** button to expand or collapse the preview pane.
- Click " **Play"** to playback selected PtG file.
- Or click " **Open"** to select a PtG file.

3.2.2 Windows MobiShow via Smartphone

This section guides you how to use MobiShow feature to show your data via the Windows smart phone. The installation steps as below,

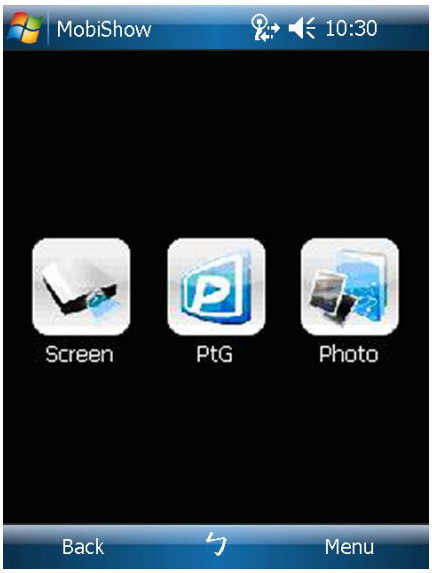
Step 1: Open "**Programs**" on your phone and find "**MobiShow**" application.

Step 2: Select "**MobiShow**" icon to launch the client software.

Step 3: MobiShow will turn on Wi-Fi on your phone and list available access points for you to choose.

Step 4: Select a MobiShow wireless network (SSID with prefix MobiShow) to connect to.

Step 5: MobiShow client will connect to that access point and search for MobiShow devices automatically. When a MobiShow device is found, it will automatically login and the following main menu is shown on your phone.



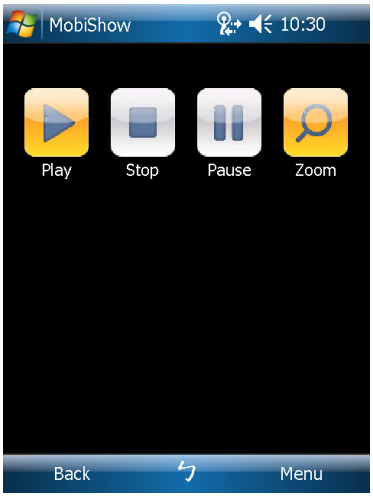
- If more than one MobiShow devices are found, the following list will be displayed for you to select the one to use.

- Select which feature to use. To project the screen of your phone, click on the "**Screen**" icon. To do a PC-less presentation with Presentation-to-Go (PtG), select the "**PtG**" icon.

3.2.2.1 Screen Projection

MobiShow will project anything displayed on your screen. You may launch another application (such PowerPoint Viewer) or open any file (such as Word document or JPG image) and it will be projected to the projector.

※ **Note:** Do not exit MobiShow application while opening other application to keep screen projected.



- Click the “**Stop**” icon to stop projection.
- Click the “**Pause**” icon to pause projection. Click “**Pause**” again to resume projection.
- Click the “**Zoom**” icon to zoom the projected screen to extend the longest side of your screen to fill the screen.
- Click the “**Play**” icon to start projection again if it is stopped.
- Click the “**OK**” button or “**Back**” to return to main menu.

3.2.2.2 PtG (Presentation-to-Go)

When you select PtG function, MobiShow client will automatically open Explorer for you to select a PtG file. Select the file to open for your presentation. When the file is open, the PtG slides will be projected, and the following screen is displayed on your phone for you to control your PtG presentation.

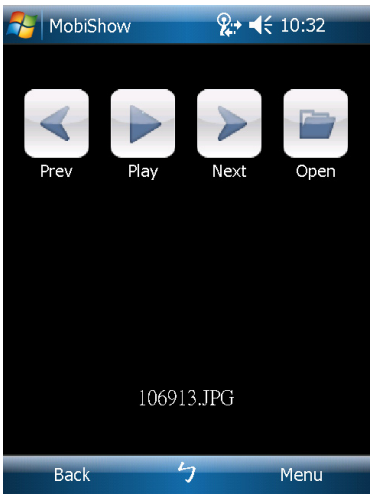
- Click “**Prev**” or “**Next**” to go to the previous or next item in the slide.
- Click “**PgUp**” or “**PgDn**” to go to previous or next slide.
- Click “**Stop**” to stop projecting the file. The icon will become “**Play**” if the file is not played. Click “**Play**” again to play the file if it is stopped.
- Click “**Home**” to go to the first slide.
- Click “**Jump**” and MobiShow client will show every slide on the phone. You can select any page to go to.
- Click “**Open**” to select another PtG file.

※ Note: You need to use “**PtG converter.exe**” to convert Powerpoint become PtG file first. You can find out “**PtG converter.exe**” in the USB Token.

3.2.2.3 Photo Viewer

You can use MobiShow to project photos stored on your phone to big screen. The photos will be prepared for playback on big screens rather than for the tiny screens of your phone.

To open a single photo, select one photo and click the OK button. The photo will be displayed on the display connected to MobiShow device.



- Click “**Prev**” or “**Next**” to go to the previous or next photo in the same folder.
- Click “**Play**” to start photo slideshow with photos in the same folder. The button will be changed to “**Pause**” during slideshow. Click “**Pause**” to stop slideshow.

When the file is open, the media will be projected, and the following screen is displayed on the phone for you to control your media playback.

※ Note: Te below table shown the support list for different mobile phones

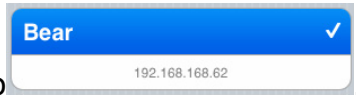
3.2.3 MobiShow via iOS

3.2.3.1 Start the MobiShow

This section guides you how to use MobiShow feature to show your data via the iOS. The installation steps as below,

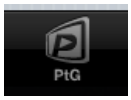
- Find on your iPhone/iPod touch, and then touch it to launch app.
- After a little time of searching, you will see a list of available receivers.

- Touch

to connect and the successfully connected receiver will be changed into 

.
- See image below.

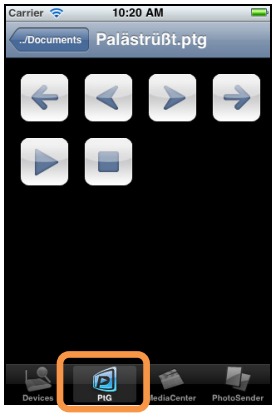
3.2.3.2 Start PtG Player

- Touch 

on the tab bar to view PtG file list on document folder. Currently we support files with two file extensions, which are '.ptg' and '.ptg2'. See image below.

- Touch

to play PtG file on connected receiver. While playing PtG file, screen will changed into controller. See image below.

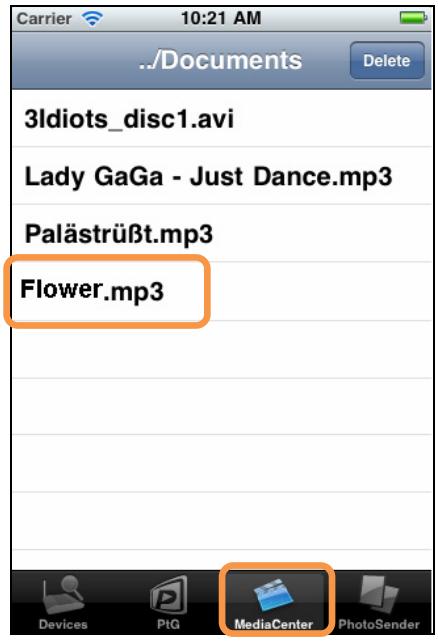


- Touch to go to previous page, and touch for next page.
- Touch to go to previous item, and touch for next item.
- Touch to play next item.
- Touch to stop playing PtG file.

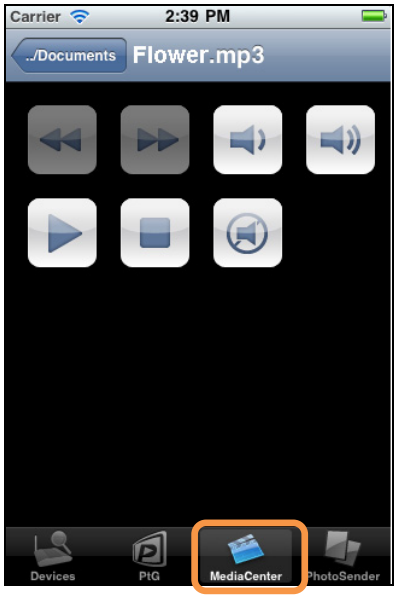
3.2.3.3 Start Media Player

- Touch

on the tab bar to view media file on document folder. Currently we support files with extension '.mpeg', '.avi', '.mp3'. See image below.



- Touch Flower.mp3 to play media file on connected receiver. While playing media file, screen will changed into controller. See image below.

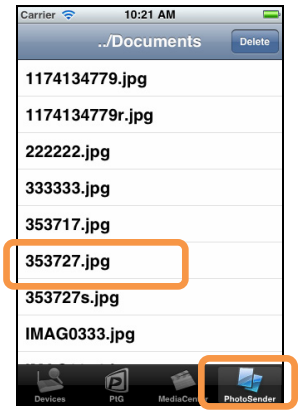


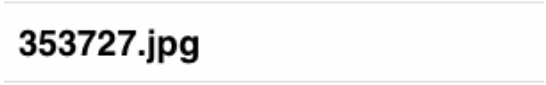
- Touch to play backward, and for forward. These two functions are disabled in this version.
- Touch to decrease volume, and to increase volume.
- Touch to pause, and to play.
- Touch to stop playing media file.
- Touch to mute voice.

3.2.3.4 Photo Slideshow

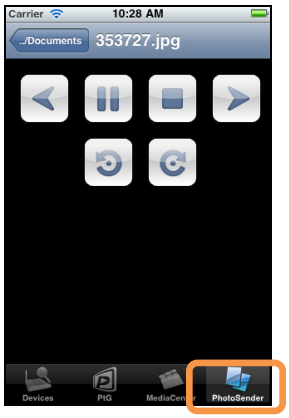
- Touch

on the tab bar to view media file on document folder. Currently we support files with extension '.mpeg', '.avi', '.mp3'. See image below.



- Touch 

to play photo file on connected receiver. While playing photo file, screen will changed into controller. See image below.



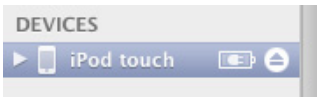
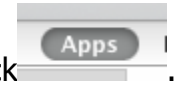
- Touch to play previous photo, and for next one.
- Touch to pause playing photo, and to stop.
- Touch to rotate photo to left, and to rotate photo to right.

3.2.3.5 How to upload file with iTunes

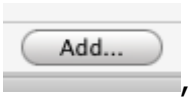
It is necessary to use iTunes to upload the file into iPad or iPhone.

- Click on your Mac or PC to start iTunes.

- Be sure your iPhone is connected to your Mac or PC, of course.

- Click  on the iTunes, and then click  .
  A few seconds later, you'll see what apps you have already installed are right on your iPhone.

- Click , and you can see everything you uploaded associated with MobiShow Lite.

- Click  , and choose file to upload to your IPhone

4 Appendix

Troubleshooting

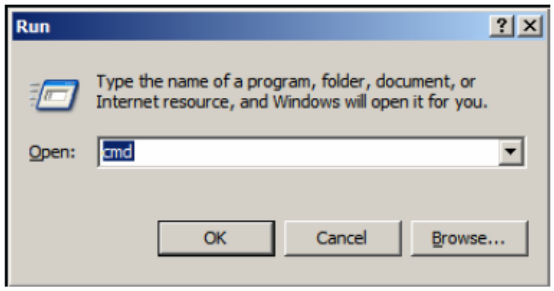
Q: Why can't I connect to AirVideo-100v2's Web Management even the wireless show I had connected to the AirViedo-100's SSID.

A:

Do a **Ping test** to make sure that the AirVideo-100v2 is responding.

Go to **Start > Run**.

1. Type **cmd**.



2. Press **OK.**
3. Type **ipconfig** to get the IP of default gateway.
4. Type "**ping 192.168.1.1".** Assure that you ping the correct IP Address assigned to the AirVideo-100v2. It will show four replies if you ping correctly.

```
Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
```

Ensure that your Wireless Adapter is working, and that all network drivers are installed properly. Network adapter names will vary depending on your specific adapter. The installation steps listed below are applicable for all network adapters.

1. Go to **Start > Right click on "My Computer" > Properties**.
2. **Select** the **Hardware Tab**.

3. Click **Device Manager**.
4. Double-click on "**Network Adapters"**.
5. Right-click on **Wireless Card bus Adapter** or **your specific network adapter**.
6. Select **Properties** to ensure that all drivers are installed properly.
7. Look under **Device Status** to see if the device is working properly.
8. Click "**OK"**.

Q: Something wrong with the wireless connection?

A:

✧ **Can't setup a wireless connection?**

I. Ensure that the SSID and the encryption settings are exactly the same to the Clients.

II. Move the AirVideo-100v2 and the wireless client into the same room, and then test the wireless connection.

III. Disable all security settings such as **WEP**, **WPA** and **WPA2-PSK**.

IV. Turn off the AirVideo-100v2 and the client, then restart it and then turn on the client again.

V. Ensure that the LEDs are indicating normally. If not, make sure that the power and Ethernet cables are firmly connected.

VI. Ensure that the IP Address, subnet mask, gateway and DNS settings are correctly entered for the network.

VII. If you are using other wireless device, home security systems or ceiling fans, lights in your home, your wireless connection may degrade dramatically. Keep your product away from electrical devices that generate RF noise such as microwaves, monitors, electric motors…

✧ **What can I do if my wireless client cannot access the AirVideo-100v2?**

I. Out of range: Put the router closer to your client.

II. Wrong SSID or Encryption Key: Check the SSID or Encryption setting.

III. Connect with wrong AP: Ensure that the client is connected with the

correct Access Point.

i. **Right-click** on the **Local Area Connection icon** in the taskbar.

ii. Select **View Available Wireless Networks in Wireless Configure**. Ensure you have selected the correct available network.

iii. Reset the AirVideo-100v2 to default setting

✧ **Why does my wireless connection keep dropping?**

I. Try changing the channel on the AirVideo-100v2, and your Access Point and Wireless adapter to a different channel to avoid interference.

II. Keep your product away from electrical devices that generate RF noise, like microwaves, monitors, electric motors, etc.

Q: What is Wireless Client AP mode and how to configure it?

A:

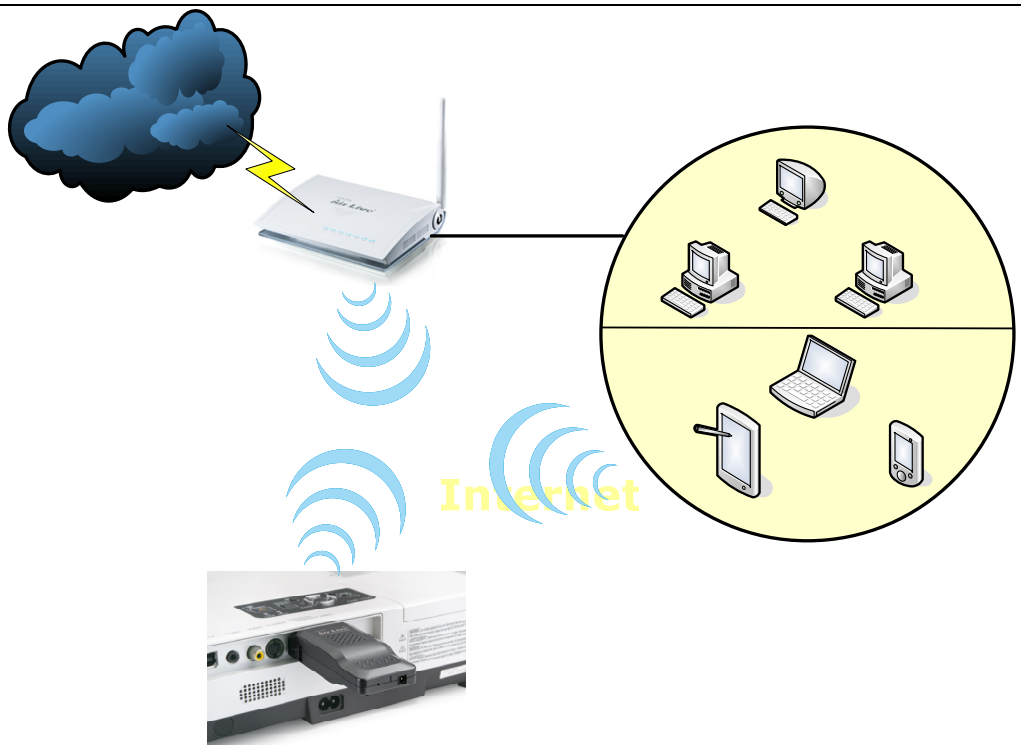
Generally, the AirVideo-100v2 support AP and AP Client Mode, by default the AP mode is always ON. It needs to enable the AP Client mode on Web Management to work as Client mode.

The difference between AP and AP Client Mode:

- AP Mode: The AirVideo-100v2 will act as a central hub for different Wireless LAN Clients.
- AP Client Mode: The AirVideo-100v2 will act as a Wireless Client to connect with the remote AP. The Wired/or Wireless User of remote AP can also connect with AirVideo-100v2.

For Example:

Here, we use AirLive Wireless N router to connect withAirVideo-100v2, the topology as below.



Please noticed, the below items need to be same on both sides.

- SSID
- Wireless Encryption(such as WEP, WPN and WPA2-PSK)
- Wireless mode(IEEE 802.11b/g/n)

Then, the Local users can connect AirVideo-100v2 or Internet via Wired, via Wireless.

Q: What to do if I forgot my encryption key?

A:

1. Go back to advanced setting to set up your Encryption key again.
2. Reset the AirVideo-100v2 to default setting

Q: How to reset to default?

A:

Step1: Remove the power adapter from AirVideo-100v2.
Step2: Push the reset button.
Step3: Plug the power adapter back into AirVideo-100v2.
Step4: Till the power LED light turn to “Green”, and then release the reset button.
Step5: The AirVideo-100v2 will load to factory default settings.

Q: Does AirVideo-100v2 support Power over VGA, which printer can be supported?
A: Yes, the AirVideo-100v2 supports Power over VGA and it can compatible with the following projectors: . Optoma EX542 . Optoma EX612 . Optoma EX615 . Optoma EX762 . Optoma EH1020