

# Wireless Presentation System

## User's Manual

(Model Name: WPS-Dongle)

Version: 3.0

Date: August 19, 2009

## *Table of Contents*

<b>1. Overview.....</b>	<b>3</b>
<b>2. Quick Start.....</b>	<b>4</b>
<b>3. Windows Client Utility.....</b>	<b>7</b>
<b>3.1 Starting Program.....</b>	<b>7</b>
<b>3.2 Login.....</b>	<b>8</b>
<b>3.3 Main User Interface.....</b>	<b>8</b>
<b>3.4 Screen Projection.....</b>	<b>8</b>
<b>3.5 Menu Description.....</b>	<b>9</b>
<b>3.5.1 Show Login Code.....</b>	<b>9</b>
<b>3.5.2 Open Admin Web Page.....</b>	<b>10</b>
<b>3.5.3 Searching Server.....</b>	<b>10</b>
<b>3.5.4 Projection Quality.....</b>	<b>11</b>
<b>3.5.5 Projection Source.....</b>	<b>11</b>
<b>3.5.6 Connection Profile.....</b>	<b>12</b>
<b>3.5.7 Auto WiFi Connect.....</b>	<b>14</b>
<b>3.5.8 Auto Power Manager.....</b>	<b>14</b>
<b>3.5.9 Hide UI.....</b>	<b>15</b>
<b>3.5.10 Advanced Screen Capture.....</b>	<b>15</b>
<b>3.5.11 Make PnS Token.....</b>	<b>16</b>
<b>3.5.12 Copy Application to desktop.....</b>	<b>17</b>
<b>3.5.13 About.....</b>	<b>18</b>
<b>3.5.14 Exit.....</b>	<b>18</b>
<b>4. Web Management.....</b>	<b>19</b>
<b>4.1 Home Page.....</b>	<b>19</b>
<b>4.2 Download Software.....</b>	<b>19</b>
<b>4.3 Login Web Admin.....</b>	<b>20</b>
<b>4.3.1 System Status.....</b>	<b>21</b>
<b>4.3.2 Network Setup.....</b>	<b>22</b>
<b>4.3.3 Projection Setup.....</b>	<b>23</b>
<b>4.3.4 Change Passwords.....</b>	<b>23</b>
<b>4.3.5 Reset to Default.....</b>	<b>24</b>
<b>4.3.6 Firmware Upgrade.....</b>	<b>25</b>
<b>4.3.7 Reboot System.....</b>	<b>26</b>
<b>4.3.8 Logout.....</b>	<b>26</b>

# 1. Overview

The Wireless Presentation System is the most cost-effective and efficient way to upgrade your projector – simply plug in a WPS-Dongle! The “Plug-and-Show” technology allows anyone to give a wireless presentation.. The “FPnS High Performance Projection” fluently delivers all presentations. The WPS-Dongle is a MUST-HAVE device for your meeting room.

- Plug & Show

With Plug & Show USB Token, wireless presentation becomes easy! Just link your PC/Laptop to WPS-Dongle, plug the token into a USB port, and in seconds, your screen will be wirelessly projected to the connected projector!

- High performance screen projection

WPS-Dongle adopts the new generation screen projection technology, FPnS. It provides the smoothest and without latency of screen projection wirelessly no matter what Video playbacks on PC.

- 4-to-1 Split Screen Projection

With this 4-to-1 split screen feature, up to four PC screens can be projected to one projector at the same time. Thus you can easily do side-by-side comparison from four PC / PDAs to increase meeting productivity!

- Support PoVGA

With PoVGA enable, the power can be directly supplied from the VGA port without an extra DC power line.

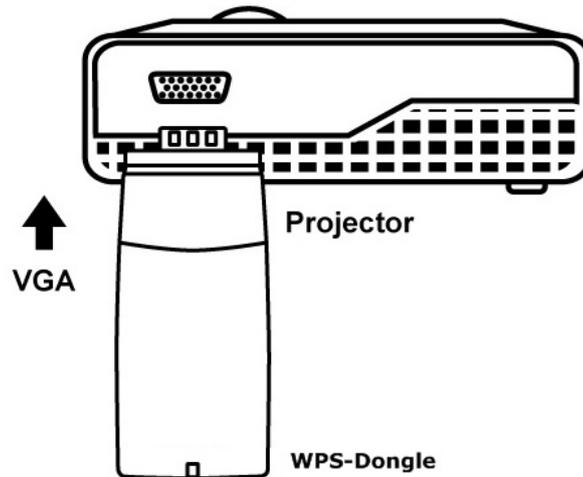
## ➤ Features

- Support Windows Vista, XP, 2000.
- Plug and Show! No installation required ... just plug in the USB token to a USB port, and hassle free presentation can be started in seconds.
- 4-to-1 split screen projection! Turn one projector into four, increase meeting productivity right away.

- Provide wireless WEP/WPA key function to protect presentation contents and keep good security to office networks.

## 2.Quick Start

- 1) Plug the WPS-Dongle into the projector VGA input or connect a VGA cable to the WPS-Dongle VGA connector and turn on projector power.



- 2) Turn on WPS-Dongle.
  - ◆ When projector shows the default menu on the screen as below, it indicates the WPS-Dongle is ready.

LOGIN CODE : 1234

# Wireless Presentation System

Dongle Edition



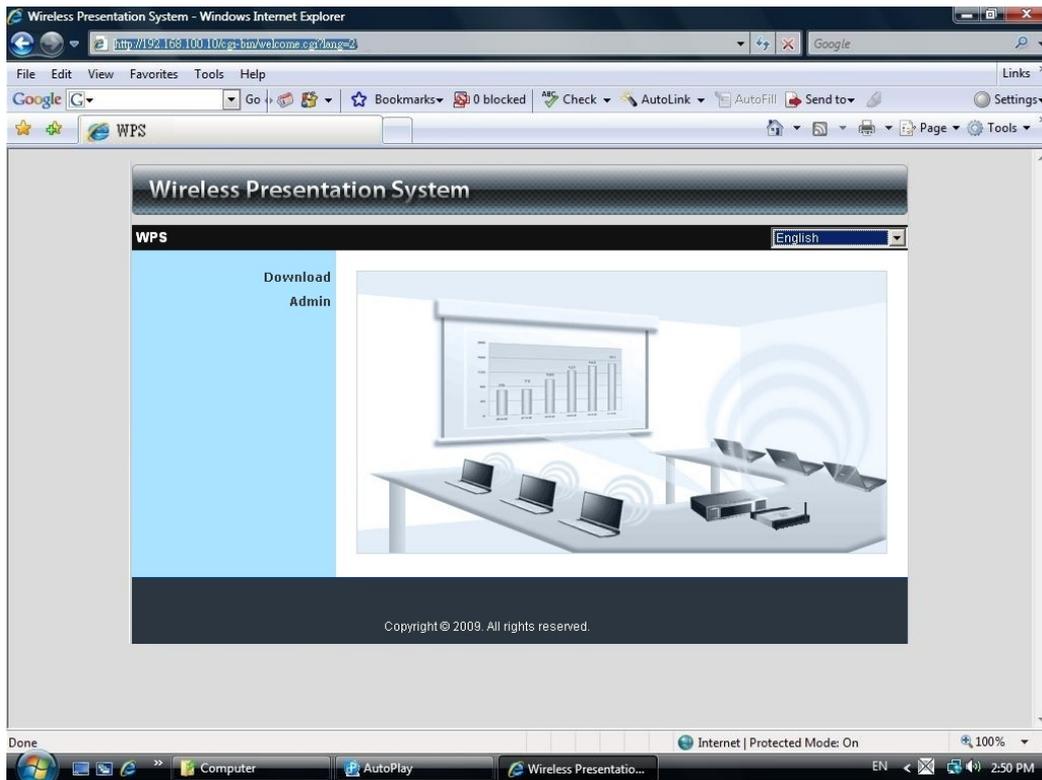
### Quick Guide

1. Make sure your WLAN is enabled, and connect to Wireless Presentation System.
2. Open your browser, or enter the IP address (refer to below server IP address)
3. Click on "Download", and execute the installation program.
4. Make sure your personal firewall allows WPS software to pass through!
5. Enter the LOGIN CODE to start projection!

PoVGA

SSID : WPS  
Server IP : 192.168.100.10  
Channel : 2  
Security : None  
Resolution : 800 x 600  
Version : 0.0.0.8

- 3) Make sure your PC WLAN is enabled then connect to your PC with the WPS-Dongle.
- 4) Open your browser and it will redirect to the WPS-Dongle main page automatically, or you can enter the IP address to access the WPS-Dongle web home page.
  - ◆ The default IP address of WPS-Dongle is **192.168.100.10** or refers to the IP address shown on the bottom left corner of projector screen.



- 5) Download the client software, select " Windows Vista / XP / 2000" and execute the installation program.
  - ◆ After installing the program, you will see the WPS shortcut on the PC screen.





- 6) Make sure your personal firewall allows WPS-Dongle software to pass through.
- 7) Enter the **LOGIN CODE** and
  - ◆ You can see the login code is the top left of the projector screen.



- 8) Click the **"Play"** button to start projection!



## 3.Windows Client Utility

### 3.1 Starting Program

After you download the WPS-Dongle windows program via web page successfully follow the steps below to start.

- 1) Click WPS icon to execute the program.



- 2) Program will start to search for WPS-Dongle automatically,
- 3) If WPS-Dongle is found the "Login Code" dialog box will pop up on the PC screen.

- **Searching for WPS-Dongle.**

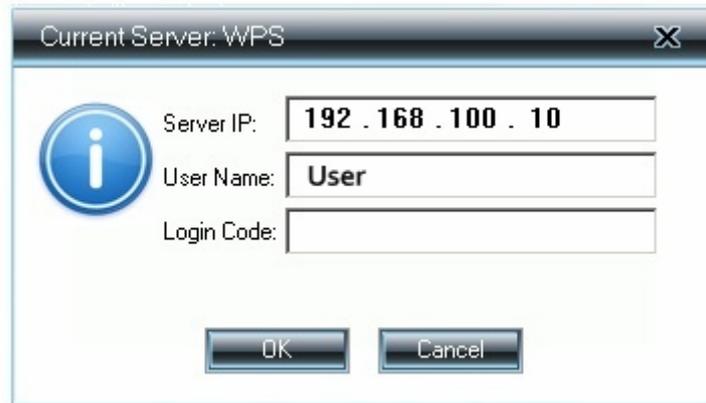


- **When WPS-Dongle is found, enter login code to start.**

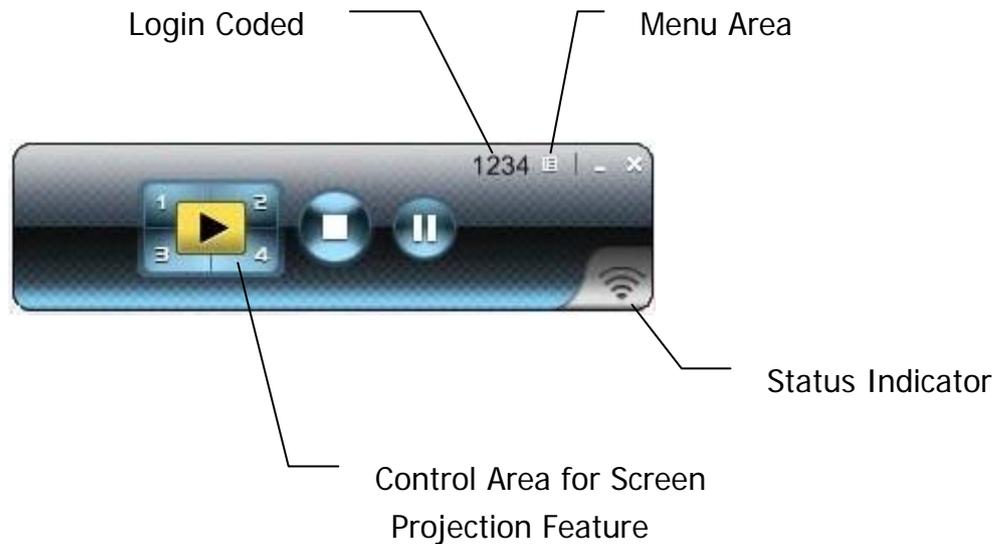


## 3.2 Login

- 1) After "Login Code" dialog box shown, enter login code to start presentation.
- 2) You can see the login code shown in the top left of the projector screen.



## 3.3 Main User Interface



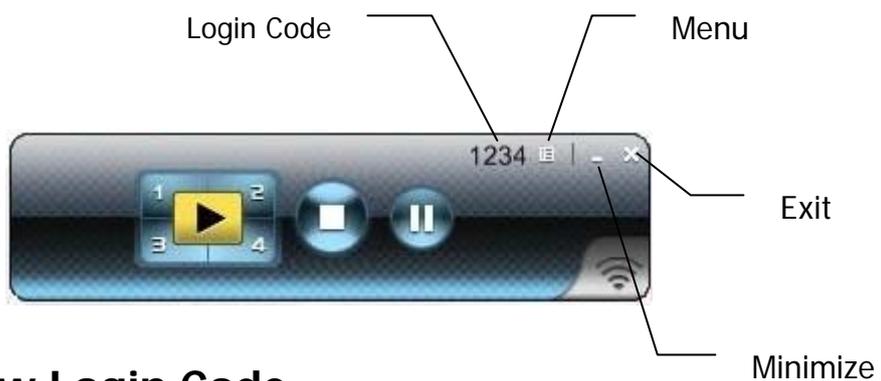
## 3.4 Screen Projection

Click the "Play" button for full or split screen, you can project the main screen on to the display immediately, click the "Pause" button, to freeze the image, and click the "Stop" button to end the presentation.



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

### 3.5 Menu Description



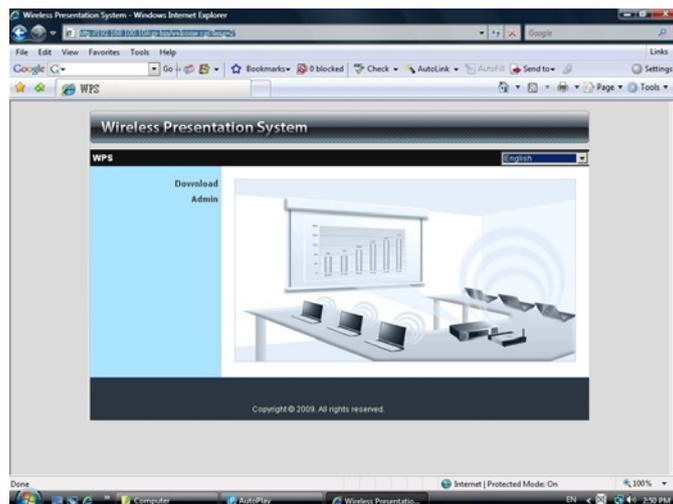
#### 3.5.1 Show Login Code

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



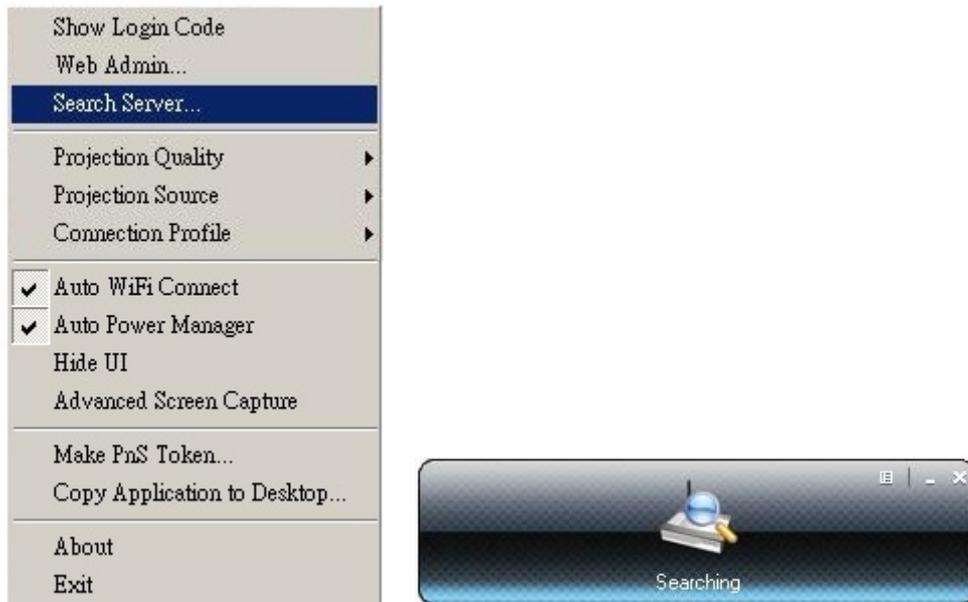
### 3.5.2 Open Admin Web Page

Click  to open the function menu and select “**Web Admin**” management web page. The detailed functions of the web page will be described in the next chapter.



### 3.5.3 Searching Server

Click “**Search Server**” to search for the WPS-Dongle again.



### 3.5.4 Projection Quality

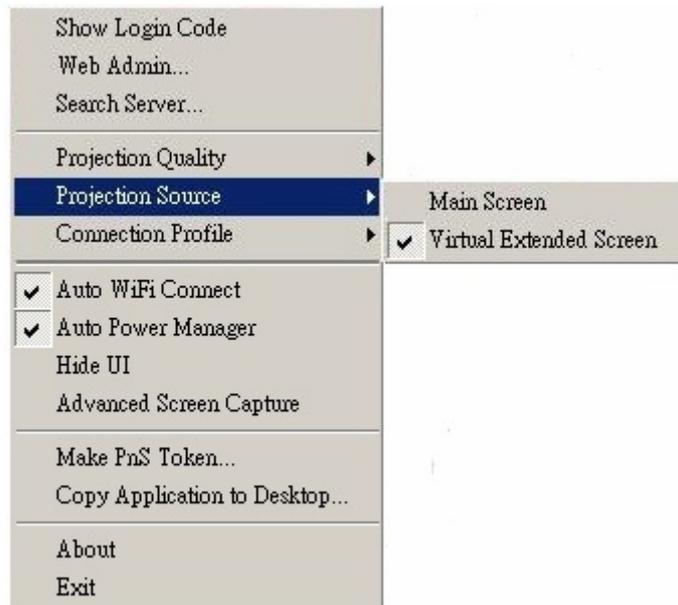
Click the "Projection Quality", choose "Normal" for faster projection speed with lower screen image quality, and "Best" for better image quality but slower projection speed.



### 3.5.5 Projection Source

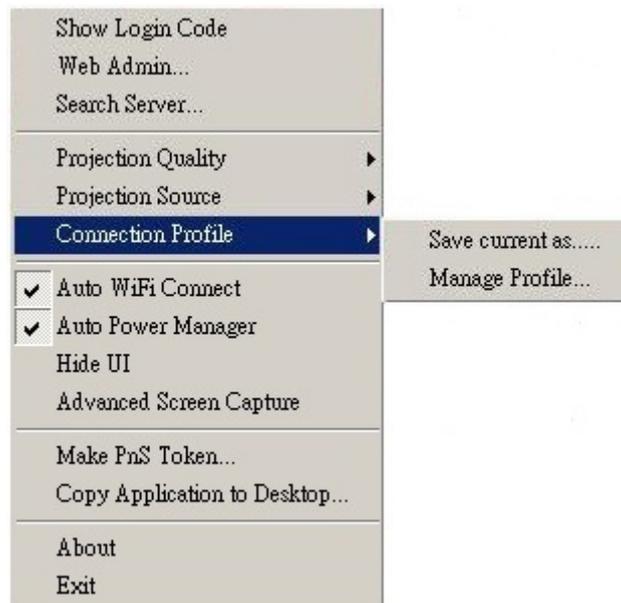
Click "Projection Source" to project the main screen of the desktop or the virtual extended screen.

**Note** -This function is only supported by Windows XP and a virtual display driver must first be installed.

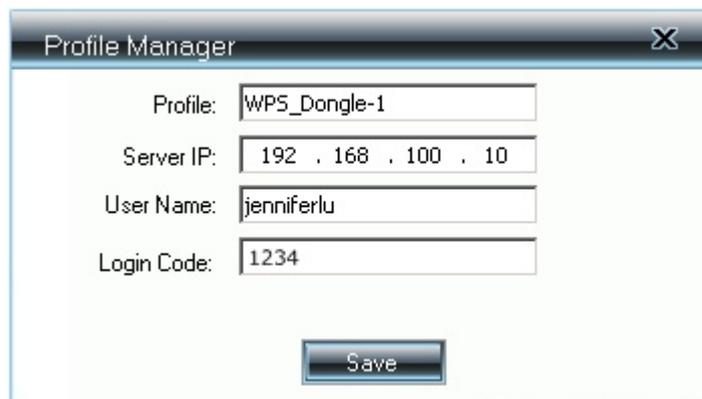


### 3.5.6 Connection Profile

Click "Connection Profile", then click "save current as" to save current connection configuration into Profile, or click the "Manage Profile" to add, delete or modify current profiles.



- Save Current as  
Click "Save current as", to save your current connection as a profile for future quick-connect.

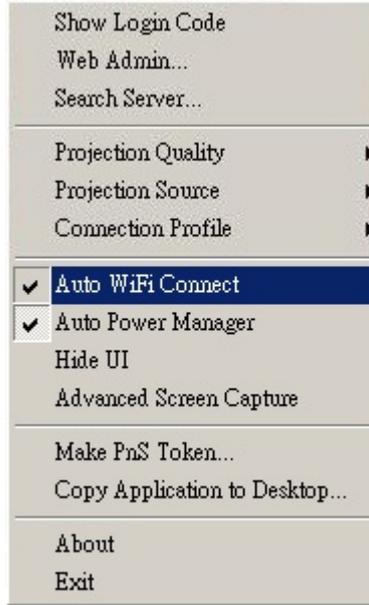


- Manage Profile  
Click "Manage Profile" to view current profile, add or delete the profile, and edit the existing profile.



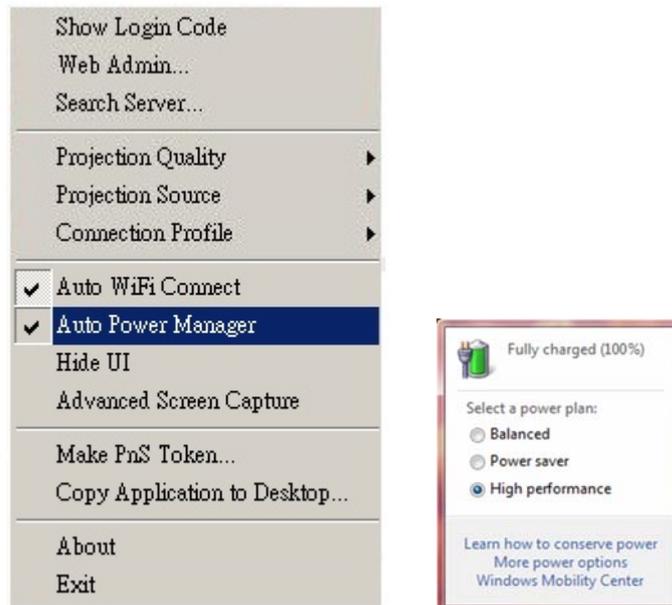
### 3.5.7 Auto WiFi Connect

Click “Auto WiFi Connect” to enable the AWZC function, this function can save the WiFi connection steps.



### 3.5.8 Auto Power Manager

For best projection performance the auto power manager application will switch the PC's current power setting to “highest performance”. Click the “Auto Power Manager” to enable or disable this function.



### 3.5.9 Hide UI

Click the "Hide UI" to hide or display the application control panel.



### 3.5.10 Advanced Screen Capture

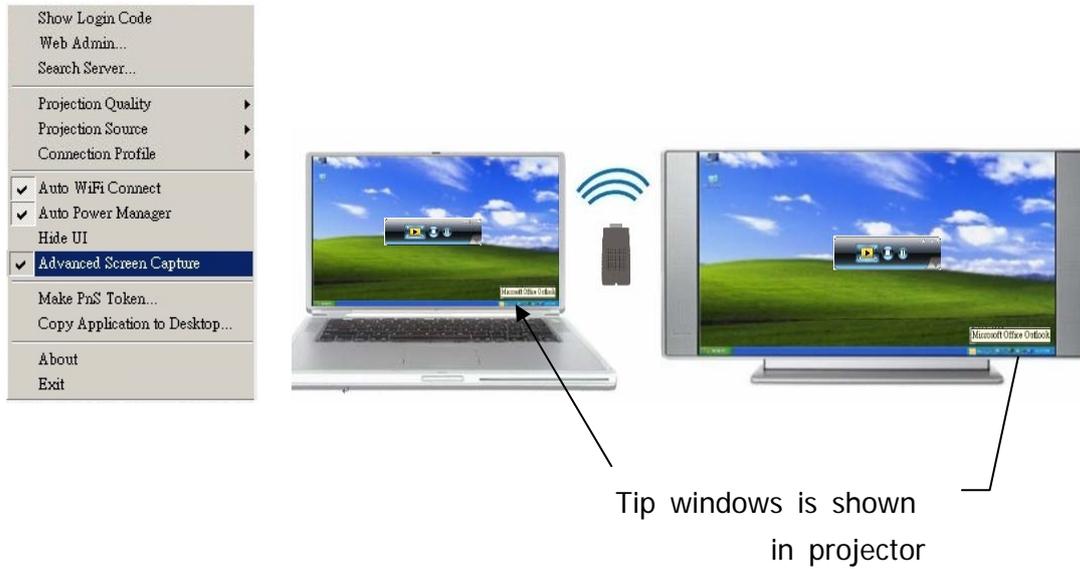
Click "Advanced Screen Capture" to see tip windows and other layered windows (including the main UI) on the connected display.

The mouse cursor may blink from time to time when you are projecting your PC screen!

- Disable "Advanced Screen Capture".

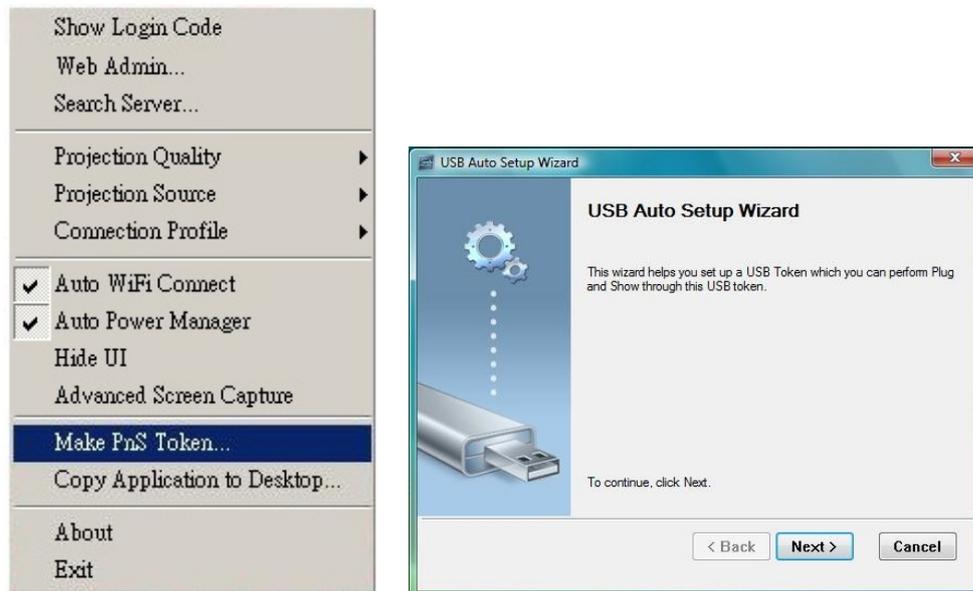


- Enable "Advanced Screen Capture".



### 3.5.11 Make PnS Token

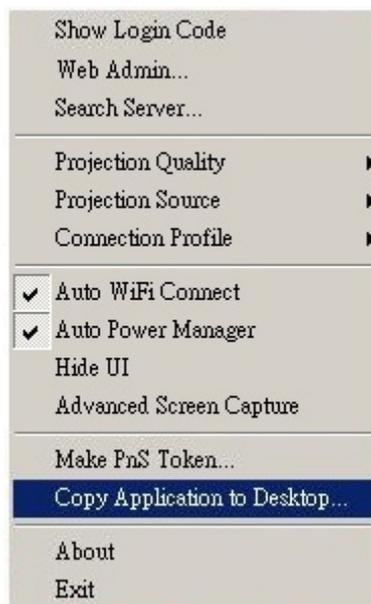
Click "Make PnS Token" to make a USB Token, you can insert a USB thumb drive and follow the wizard instructions to make the Token.





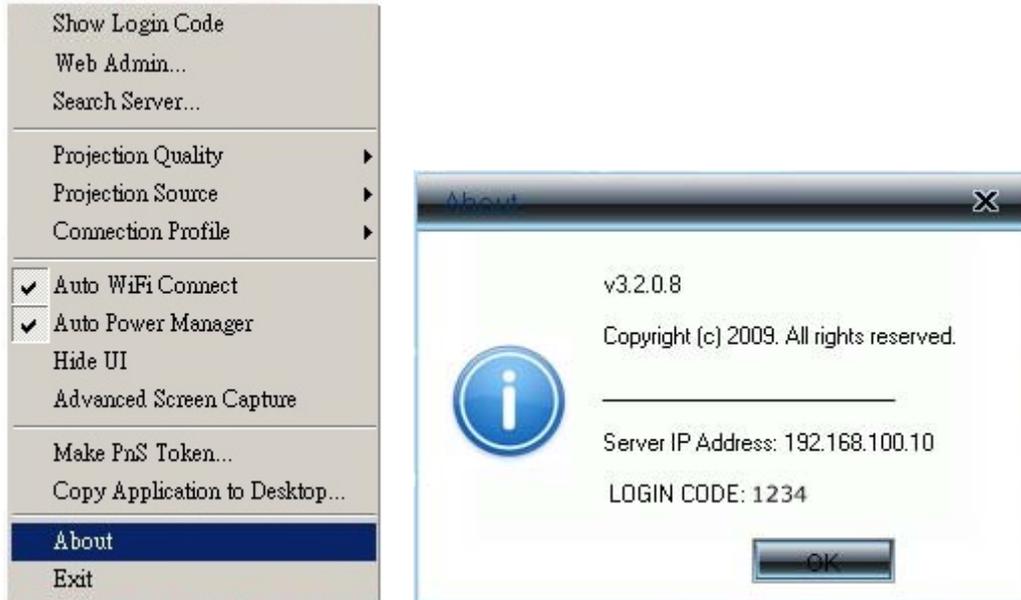
### 3.5.12 Copy Application to desktop

Click "Copy Application to desktop" to copy the application to your desktop immediately even if you don't have the system privilege.



### 3.5.13 About

Click **"About"** to show system information, including Client version, IP address and other information.



### 3.5.14 Exit

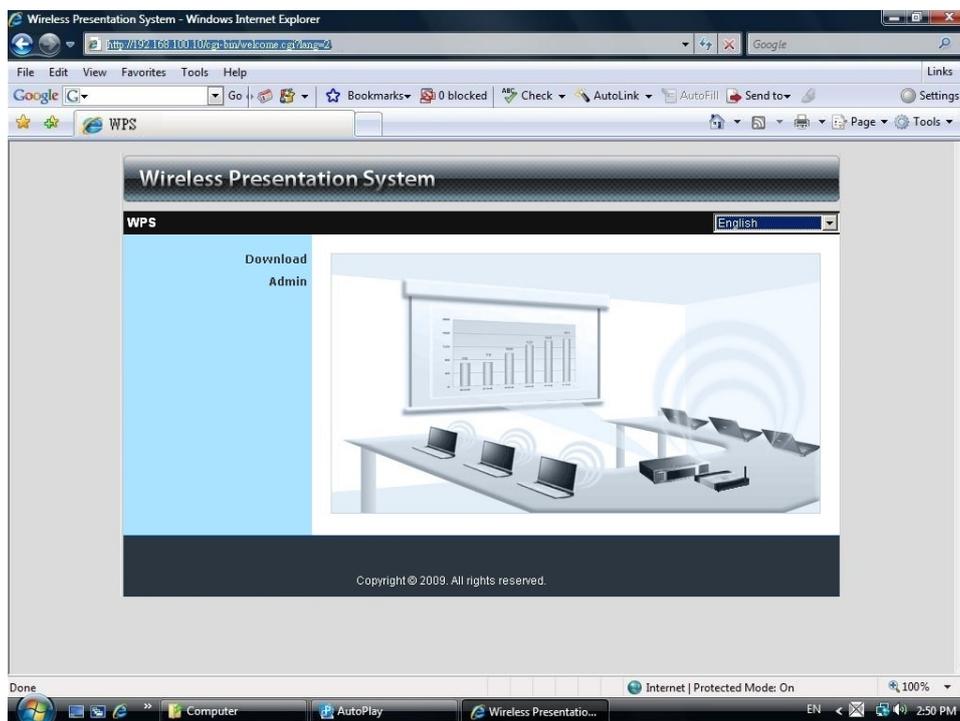
Click **"Exit"** to exit this application. It will stop current session and close the application immediately.



## 4. Web Management

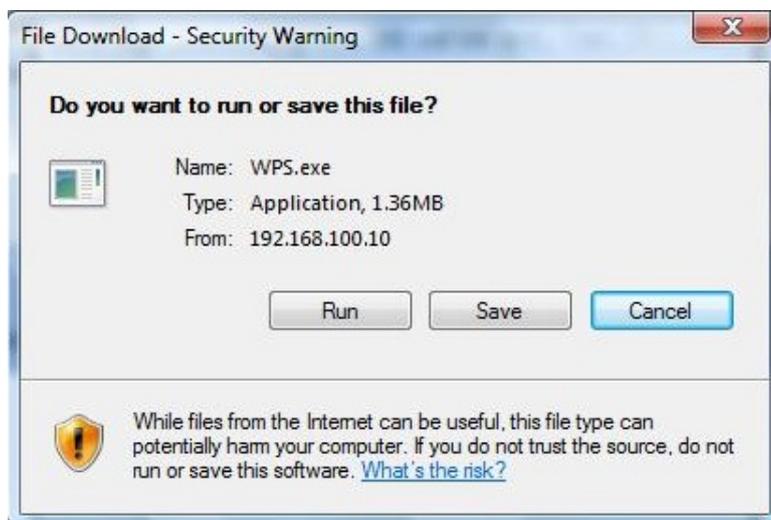
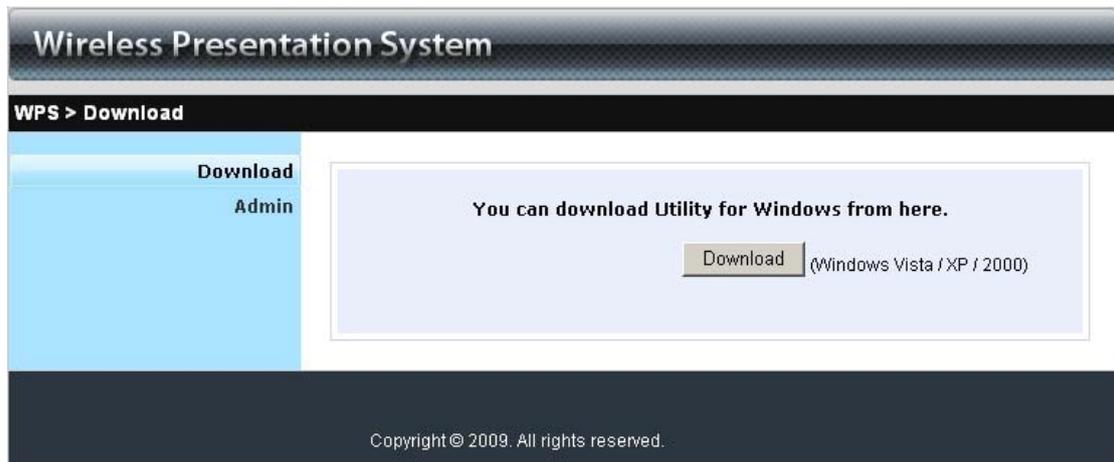
### 4.1 Home Page

1. Make sure your PC connects to WPS-Dongle successfully.
2. Open your browser, it will enter WPS-Dongle home page automatically.
3. If not, enter your IP address on the browser, you can see the IP on the projector screen.
4. The default IP is 192.168.100.10



### 4.2 Download Software

1. Select "Download software" function.
2. Please select the 'Windows Vista / XP / 2000' and execute the installation program.
3. Follow Installation Wizard instructions to proceed till the installation process complete.
4. If pop up "**Windows Security Alert**" because Windows firewall block this program. You just press "**Unblock**" button to continue installation.
5. Once installation complete, a utility shortcut come out on the screen.



### 4.3 Login Web Admin



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

## 4.3.1 System Status

The screenshot shows the 'System Status' page in the 'Wireless Presentation System' admin interface. The breadcrumb trail is 'WPS > Admin > System Status'. A 'Logout' link is visible in the top right. On the left, a navigation menu includes 'System Status', 'Network Setup', 'Projection Setup', 'Change Passwords', 'Reset to Default', 'Firmware Upgrade', and 'Reboot System'. The main content area displays system information in a table format:

<b>Model Name</b>	WPS_Dongle
<b>Versions</b>	
Firmware Version	0.0.0.8
<b>Network Status</b>	
IP Address	192.168.100.10
Subnet Mask	255.255.255.0
Default Gateway	192.168.100.10
Wireless MAC Address	00:21:85:F8:25:67
<b>Connection Status</b>	
Projecting Status	Projecting
Total Users	1

Copyright © 2009. All rights reserved.

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

**Model Name:** Product model name.

**Versions:**

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

**Network Status:**

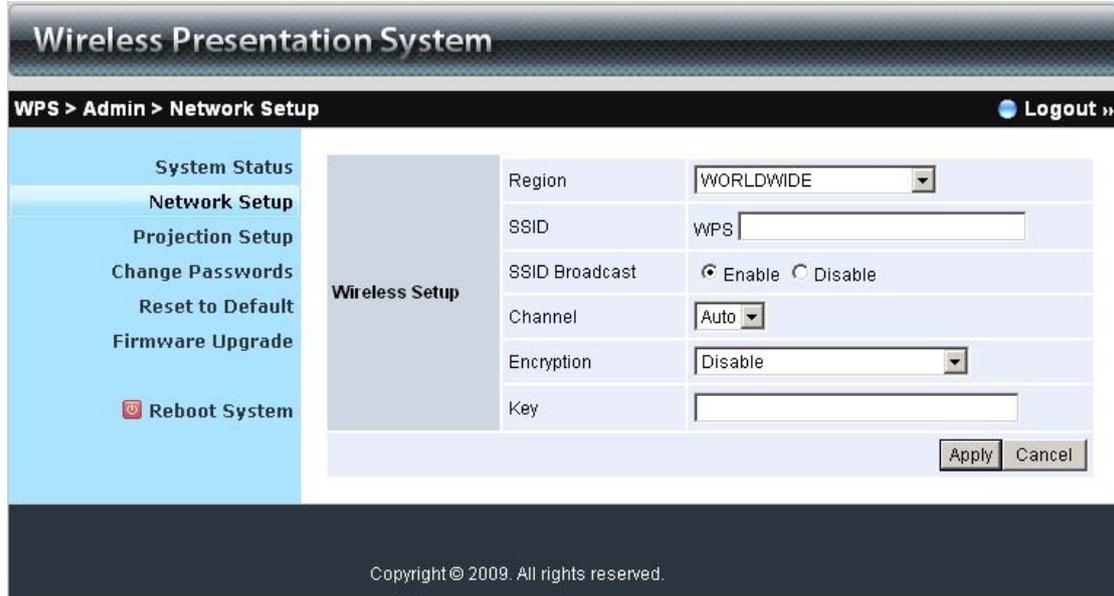
1. **IP address :** IP address of WPS-Dongle device.
2. **Subnet Mask :** subnet mask
3. **Default Gateway :** default gateway
4. **Wireless MAC address :** wireless MAC address

**Connection Status:**

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

## 4.3.2 Network Setup

There are many kinds of operating configurations as below.



### < Wireless Setup >

- ◆ Region: default value is "Worldwide".
- ◆ SSID: SSID string, max. Length is 32 bytes.
- ◆ SSID Broadcast: The default value is "Enable"
- ◆ Channel: to set fixed channel or Auto.  
In "Auto" mode the WPS will scan all of wireless channels and select one clear 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.

<Apply >: press button to confirm changes.

<Cancel>: press button to abort action.

<Back>: Back to main menu.

### 4.3.3 Projection Setup

The screenshot shows the 'Wireless Presentation System' web interface. The breadcrumb navigation is 'WPS > Admin > Projection Setup'. A 'Logout' link is in the top right. A left sidebar contains menu items: System Status, Network Setup, Projection Setup (highlighted), Change Passwords, Reset to Default, Firmware Upgrade, and Reboot System. The main content area is titled 'Projection Setup' and contains a 'Resolution' dropdown menu set to 'SVGA (800X600)', a 'Login Code' section with radio buttons for 'Disable', 'Random' (selected), and 'Use the following code' (with an empty input field), and 'Apply' and 'Cancel' buttons. A footer contains the text 'Copyright © 2009. All rights reserved.'

Click **[Projection Setup]** button

- ◆ **<Resolution>**: XGA (1024x768) and SVGA (800x600). The default value is "XGA".
- ◆ **<Login Code>**: You can select "Disable", "Random", or "Use the following code" to set a specified 4-characters Number.
- ◆ **<Apply>** : Confirm and Save modifications.
- ◆ **<Cancel>**: Cancel all the modifications.

### 4.3.4 Change Passwords

The screenshot shows the 'Wireless Presentation System' web interface. The breadcrumb navigation is 'WPS > Admin > Change Passwords'. A 'Logout' link is in the top right. A left sidebar contains menu items: System Status, Network Setup, Projection Setup, Change Passwords (highlighted), Reset to Default, Firmware Upgrade, and Reboot System. The main content area is titled 'Admin' and contains two input fields labeled 'Enter New Password' and 'Confirm New Password', and an 'Apply' button. A footer contains the text 'Copyright © 2009. All rights reserved.'

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>**: confirm new password.
- ◆ **<Apply>**: Confirmation and Save modifications.

### 4.3.5 Reset to Default

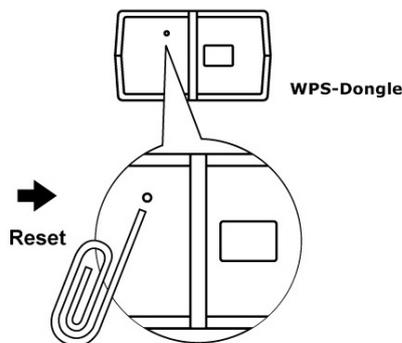


Click **[Reset to Default]** button to restore factory default settings.

**<Apply>**: Confirmation and action.

**\*\*\* Another way to restore Factory Default Settings, Follow below procedures.**

1. Press **[Reset]** button and **Hold**.
2. Turn on WPS-Dongle.
3. Wait for over 10 seconds and release **[Reset]** button.
4. It will take effect to restore factory default settings.



\* Press reset button and hold it for over 10 seconds.

## 4.3.6 Firmware Upgrade

Wireless Presentation System

WPS > Admin > Firmware Upgrade Logout »

System Status	Firmware Version	0.0 0.8
Network Setup	Release Date	20090703
Projection Setup	After you apply Upgrade button, projecting function will be terminated.	
Change Passwords	File Name	<input type="text"/> <input type="button" value="Browse..."/>
Reset to Default	<input type="button" value="Upgrade"/>	
<b>Firmware Upgrade</b>		
<input type="button" value="Reboot System"/>		

Copyright © 2009. All rights reserved.

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

1. First, download latest firmware.
2. Click **<Browse>** to select file you want to upgrade.
3. Click **<Upgrade>** to start.
4. A warning message and countdown timer will appear on screen.
5. After a few minutes, a "complete" message will appear on screen.
6. Restart WPS-Dongle to allow upgrade to take effect.



**Please wait while System burns new firmware into your device.**

Warning: It needs to take 3~4 minutes to burn the file you transferred into flash memory. **During this period, any interrupt such as shut down or reboot the system will cause system crash!!**

Estimated Time remaining: : 237 seconds

## 4.3.7 Reboot System

The screenshot shows the 'Reboot System' page in the Wireless Presentation System interface. The breadcrumb trail is 'WPS > Admin > Reboot System'. A sidebar on the left contains menu items: System Status, Network Setup, Projection Setup, Change Passwords, Reset to Default, Firmware Upgrade, and Reboot System (highlighted with a red icon). The main content area features a yellow warning triangle icon, the title 'Reboot System', and the text 'This will reboot the device immediately.' Below this is a 'Reboot' button. A 'Logout' link is visible in the top right corner. The footer contains the text 'Copyright © 2009. All rights reserved.'

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

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

## 4.3.8 Logout

Click **[Logout]** button, to leave the control system.

The screenshot shows the 'System Status' page in the Wireless Presentation System interface. The breadcrumb trail is 'WPS > Admin > System Status'. A sidebar on the left contains menu items: System Status, Network Setup, Projection Setup, Change Passwords, Reset to Default, Firmware Upgrade, and Reboot System (highlighted with a red icon). The main content area displays system information in a table format. A 'Logout' link in the top right corner is highlighted with a red box. The footer contains the text 'Copyright © 2009. All rights reserved.'

<b>Model Name</b>	WPS_Dongle
<b>Versions</b>	
Firmware Version	0.0.0.8
<b>Network Status</b>	
IP Address	192.168.100.10
Subnet Mask	255.255.255.0
Default Gateway	192.168.100.10
Wireless MAC Address	00:21:85:F8:25:67
<b>Connection Status</b>	
Projecting Status	Projecting
Total Users	1