







# WiPG 1600



## User Guide



1.	Overview	1
2.	Package Contents	3
3.	Physical Details	3
4.	What You Might Need	5
5.	Quick Installation	5
6.	WiP-1600 Start/Standby Page	6
6.1	Quick Guide	6
6.2	Conference Control Mode	7
6.3	Sender List	7
6.4	Setup	7
6.5	Remote Touch Control (UMT)	8
7.	Web Management	8
7.1	Home page	8
7.2	Conference Control	9
7.3	Admin	10
7.4	System Status	11
7.5	Device Setup	12
7.6	Network Setup	13
7.7	SNMP Setup	14
7.8	OSD Setup	15
7.9	Web Slides Setup	17
7.10	Certification Setup	17
7.11	Change Passwords	18
7.12	Reset to Default	18
7.13	Fireware Upgrade	19
7.14	Reboot System	20
7.15	Logout	20
7.16	Webslides	21
8.	Wall Mount	22

**WiPG-1600 is a wireless presentation system which connects multiple devices on any platform** (Windows/Mac/iOS/Android/Chromebook) for engaging interactive presentations. It supports touchscreens and USB HID compatible remote devices, such as a mouse or wireless keyboard.

ICON	FEATURE	DESCRIPTION
	MirrorOp for Windows and Mac	MirrorOp for Windows and Mac <ul style="list-style-type: none"> <li>Win: 7/8/10</li> <li>Mac: 10.9/10.10/10.11</li> </ul>
	MirrorOp for Galaxy	MirrorOp for Samsung Galaxy series devices
	MirrorOp Presenter	High quality presentation via iPhone/iPad or Android devices (Word, Excel, PPT, PDF , Photo , Browser, Live Camera, Screenshot)
	Webslides	Broadcast slides to your devices with WiFi and web browser <ul style="list-style-type: none"> <li>Audience can save the projecting slides for taking notes</li> <li>Webslides can be secured by password</li> </ul>
	4 to 1 Projection	Project four PC/Mac screens to one projector/ display at once
	Conference Control/User List	Control projection from WiPG's web page or use mouse/keyboard to select a PC from the standby screen. <ul style="list-style-type: none"> <li>Conference control function can be secured by password</li> <li>Moderator can control who is projecting.</li> <li>Moderator can compare 4 screens side by side</li> </ul>

ICON	FEATURE	DESCRIPTION
	SNMP V3	Manage WiPG devices across the network through enhanced SNMP V3 protocol
	UMT	Driverless remote touch control through network. (Support standard Win 7/8 compatible USB HID touch device)

### Key Features

- High performance screen/audio projection for Windows/Mac
- Remote desktop control from Touch Screen or Mouse/Keyboard for Windows/Mac
- High performance 4-to-1 Quadrant Screen Projection
- Support up to 64 concurrent login users
- Conference Control: Mediator function through the device web page or standby screen
- Support Wireless Multi-touch control (Win7/8 standard HID compatible device)
- Changeable Customized standby screen.
- Replace entire start screen with background image
- SNMP V3:
  - Manage/configure multiple WiPGs devices through SNMP V3 protocol
  - Firmware upgrade via FTP
  - Enhance the remote SNMP manageability to higher security level
- Support MSI installer for Windows software deployment and execute application from command line
- Extended desktop support for both Windows and Mac
- Security design: Session Login Code, Https and AES-128 data encryption
- HDMI and VGA dual video interfaces

## 2

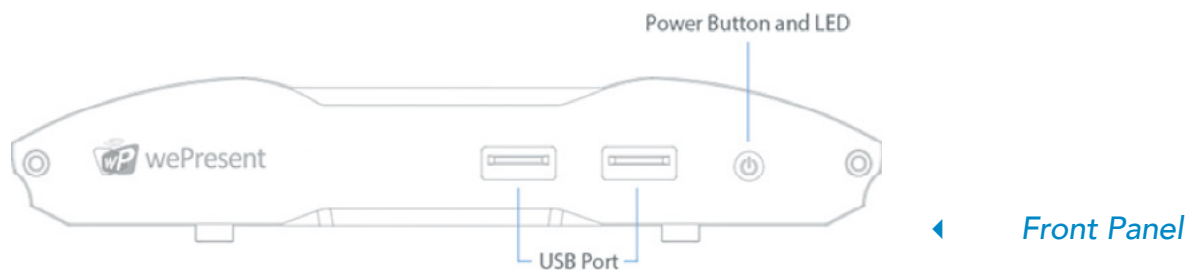
## Package Contents

### Package Contents

- wePresent WiPG-1600
- Power Adapter (DC +5V, 2.6A)
- Quick Installation Guide
- Wall Mount Kit
- Warranty Card
- CE DoC

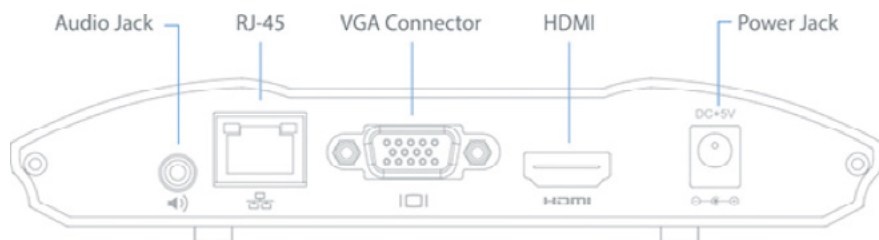
## 3

## Physical Details



### Front Panel

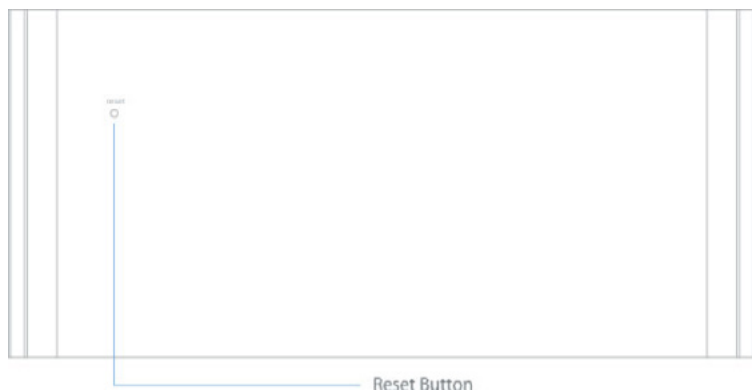
DESCRIPTION	
Power Button and LED	Power on/off bottom LED Indicator: System Loading (red), Ready (blue)
USB Port (Front)	2 USB ports for USB, mouse and keyboard



◀ *Rear Panel*

## Rear Panel

DESCRIPTION	
RJ-45	10/100M RJ-45 port
VGA Connector	VGA Connector
HDMI	HDMI Connector
Audio Jack	Audio Jack (3.5mm)
Power Jack	Power Jack (5V/2.5A)



◀ *Bottom Side*

## Bottom Side

DESCRIPTION	
Screw Hole	Screw Hole for Wall Mount Kit
Reset Button	Press reset button and power on the device to execute Hardware reset

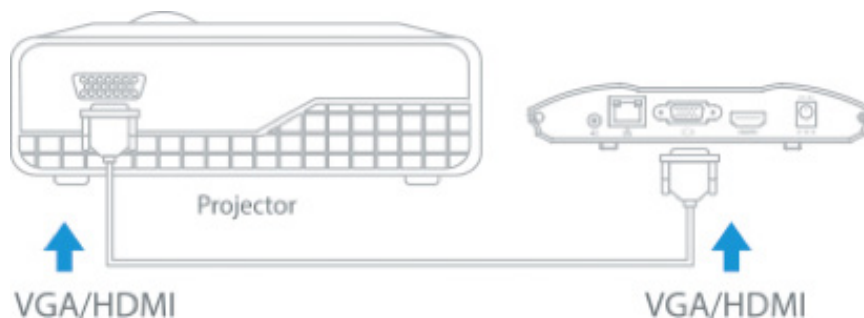
## 4

## What You Might Need

- Projector/display with VGA/HDMI interface
- Windows or Mac PC/Laptop
- Chromebook laptop
- Apple iPhone or iPad device
- Android Phone or Tablet device
- Speaker (Optional, for audio projection feature)
- USB Mouse and Keyboard (Optional, for remote desktop feature)
- USB HID Touch Screen/IWB Device (Optional, for UMT feature)

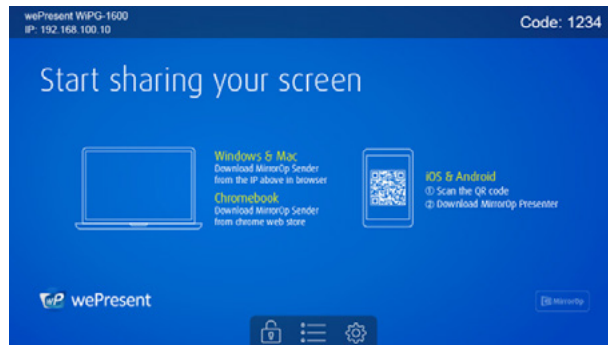
## 5

## Quick Installation



1. Connect wePresent WiPG-1600 to Projector/display through VGA/HDMI port and turn on projector/display power.
2. Connect the power adaptor to WiPG-1600 and press the power button to turn on WiPG-1600. System will be ready when the LED light turns to blue.

## 5 Quick Installation

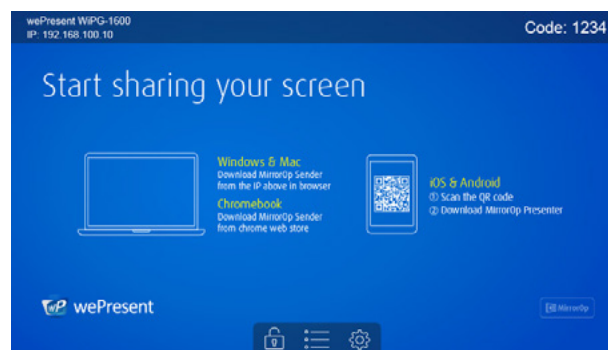


3. Insert the speaker cable to WiPG-1600 audio jack for audio output (Optional).
4. Insert the USB mouse or keyboard or USB touch device to WiPG-1600 front USB port for On-Screen Display (OSD) control (Optional).

## 6 WiPG-1600 Start/Standby Page



### 6.1 Quick Guide

The device will show the startup screen as shown as well as the wePresent device information and function icons.



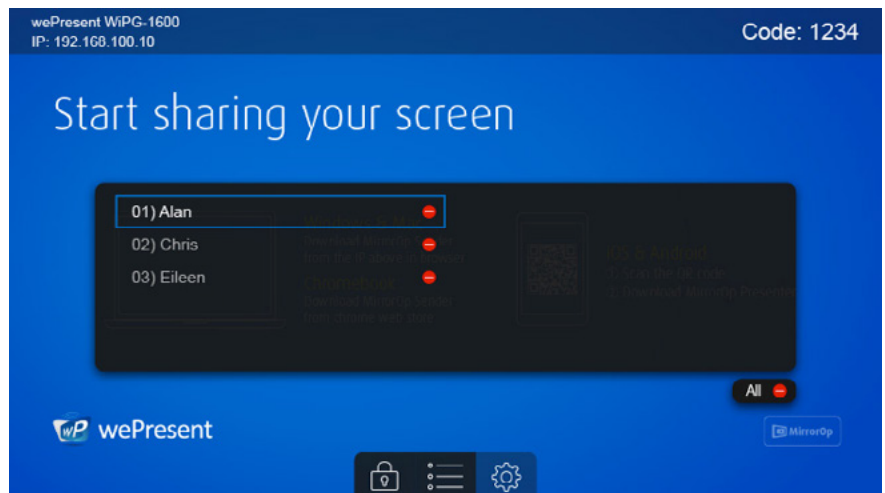
## 6 WiPG-1600 Start/Standby Page

### 6.2 Conference Control Mode


1. Click  to enable conference control mode and users will be unable to present to screen themselves. The moderator can only manage the projecting sender through web conference control page or the user list.
2. Click  to disable conference control mode, and users will be able to present to screen.

### 6.3 Connected User List

Click on the "User-List" button to show all connected users. Moderator can select user to present from list.



### 6.4 Setup

Click on Setup icon  to view Firmware version, resolution information, and calibrate the touchscreen display.



## 6.5 Remote Touch Control (UMT)

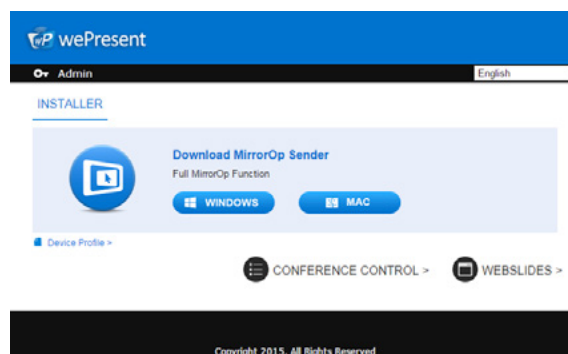
WiPG-1600 can support standard Win7/8/10 compatible HID touch devices. By connecting the HID touch screen/IWB device, users can control the standby screen and the projecting screen remotely from the Touch Screen/IWB device.

### Note:

1. The UMT can only support standard USB HID touch device, the supported touch device can be found from wePresent distributor.
2. Windows 7, 8, 10 and Mac are supported for touchscreen and mouse events.
3. The USB port on WiPG-1600 can supply up to 5V/0.5A power. An additional power supply is required if the attached HID device requires more power.


## 7.1 Home Page

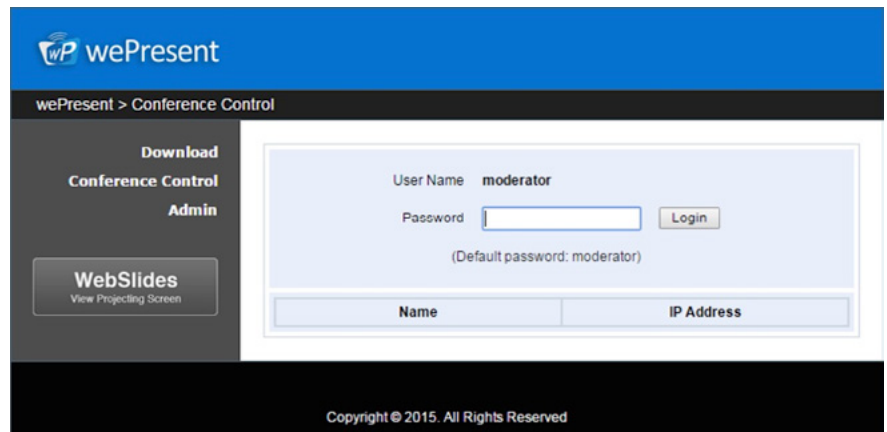
1. Connect Mac/PC/Chromebook to the WiPG-1600.
2. Enter the receiver IP address on your browser. The IP address is found on the projector/display screen. (Default IP is 192.168.100.10)










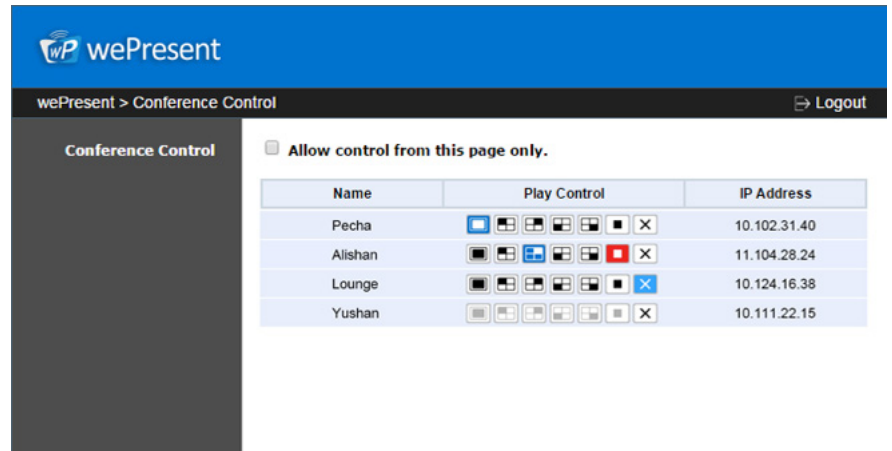
3. Please select the "Windows Utility" or "Mac Utility" and execute the installation program. **Note:** Please disable the "Smart Screen Filter" on IE browser; otherwise file may not be downloaded.
4. Download the Device Profile on your Windows or Mac laptop, double the .wipg profile. The wePresent utility will launch automatically, connect to this device without further operation.

## 7.2 Conference Control

1. Select "Conference Control" function, The current connected user list can be found on this page. Verify the lock  on the start page is disabled.
2. Enter password and then press [Login]. (default password: moderator)



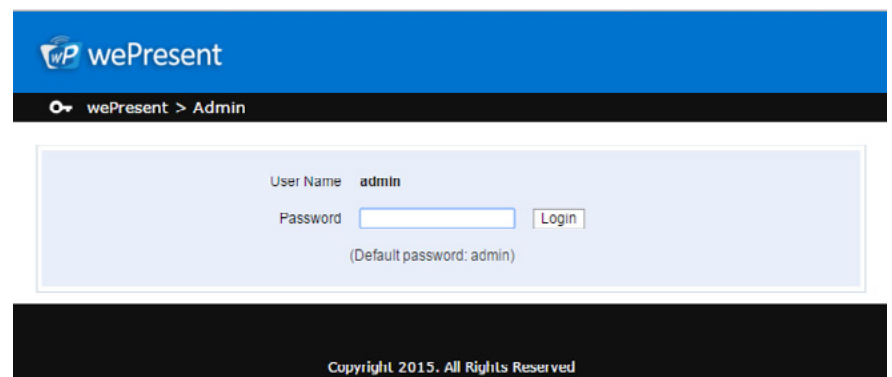
3. After login, User List can be found on the screen, which indicates all of the users connected to wePresent WiPG-1600 box.
4. The default setting is "allow control from this page only". When this function is checked, the moderator can control all of the connected users' projections.
5. There are three columns, "Name", "Play Control" and "IP Address".
  - a. Play Control: There are seven buttons, including Screen# Full , Screen #1 , Screen#2 , Screen#3 , Screen#4 , Stop  and Remove .
  - b. Moderator can click on the "Full" button to allow full screen projecting.
  - c. Moderator can assign which user to project in a specific quadrant by clicking on the screen numbers.
  - d. Moderator can "stop" the projecting or remove the user anytime.



6. Uncheck the "Allow Control from this page only", and the centralized control will be disabled. User can project their screen to WiPG-1600 freely.
7. Moderator can log out from the conference control mode by clicking on the "Logout" on the upper right corner.

### 7.3 Admin

1. Click on "Admin" and then enter the password to login to the web admin page.  
(Default Password: admin)



## 7.4 System Status

Click on “System Status” option, it will show current system status.

**Model Name:** Product model name

**Versions:**

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

**Device Information:**

- **Resolution:** Device output resolution
- **Host Name:** Device network hostname

**Network Status:**

- **IP address:** IP address of WiPG-1600 device
- **Subnet Mask:** subnet mask
- **Default Gateway:** default gateway
- **Wire MAC address:** wire MAC address

**Connection Status:**

- **Projecting status:** “Waiting for projecting” or “Projecting”
- **Total Users:** It shows how many users login to wePresent WiPG-1600.
- **Code:** shows current Code

**Date and Time:**

- **Date:** Current date
- **Time:** Current time
- **Time Zone:** Current Time zone



wePresent	
wePresent > Admin > System Status <span>Logout</span>	
<b>System Status</b>	<b>Model Name</b> WPG-1600
<b>Device Setup</b>	<b>Versions</b>
<b>Network Setup</b>	Firmware Version 1.0.0.0
<b>SNMP Setup</b>	<b>Device Information</b>
<b>OSD Setup</b>	Host Name wePresent 1600
<b>WebSlides Setup</b>	Resolution 1920x1080(1080p)
<b>Certification Setup</b>	<b>Network Status</b>
<b>Change Passwords</b>	IP Address 10.0.1.80
<b>Reset to Default</b>	Subnet Mask 255.255.255.0
<b>Firmware Upgrade</b>	Default Gateway 10.0.1.1
	Wire MAC Address 00:12:5F:16:80:90
<b>Reboot System</b>	<b>Connection Status</b>
	Projecting Status Waiting for Projecting
	Total Users 0
	Code 7847
	<b>Date and Time</b>
	Date --
	Time --
	Time Zone --

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## 7.5 Device Setup

### 1. "Device Setup" option will show device settings:

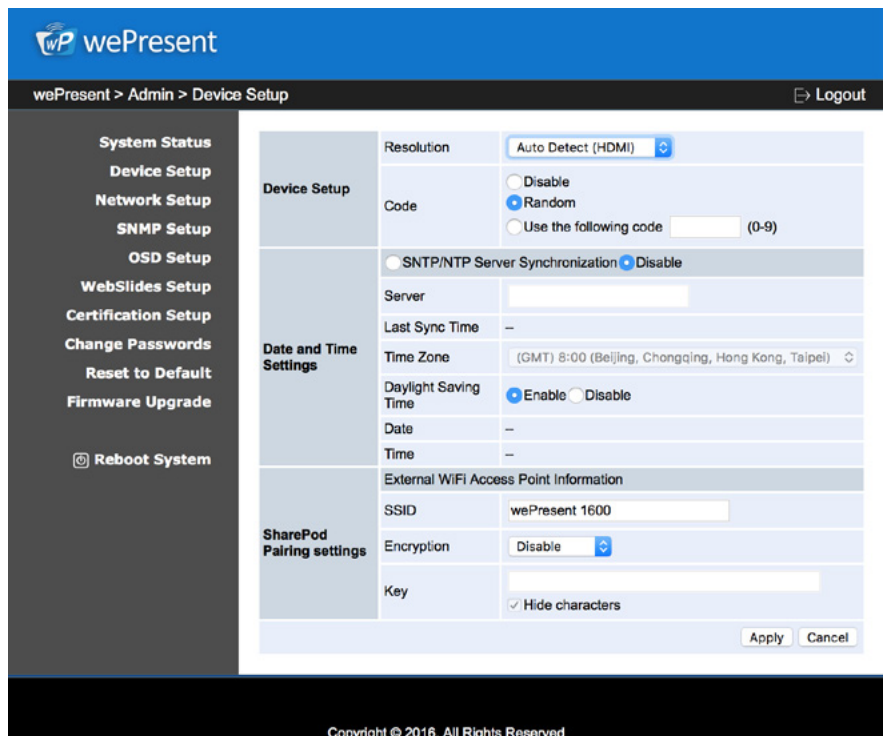
- **<Resolution>**: 720p, 1080i, 1080p, UXGA(1600\*1200), WXGA+(1440\*900), WXGA(1360\*768, 1280x768, 1280x800), XGA(1024\*768) and HDMI Auto Detect.
- **<Code>**: You can select "Disable", "Random", or "Use the following code" to set a specified 4-characters Number.

### 2. "Date and Time" option will show date and time options:

- Choose **<SNTP/NTP Server Synchronization>** or **<Disable>** to specify the time server or disable this feature.
- **<Time Zone>**: Specify the time zone.

### 3. "SharePod Pairing" option:

- External WiFi Access Point information can be input here, then will copy to SharePod device when pairing is executed.



The screenshot displays the wePresent web management interface. The top navigation bar includes the wePresent logo and a 'Logout' button. The main content area is titled 'wePresent > Admin > Device Setup'. A left sidebar contains a menu with options: System Status, Device Setup (highlighted), Network Setup, SNMP Setup, OSD Setup, WebSlides Setup, Certification Setup, Change Passwords, Reset to Default, Firmware Upgrade, and a Reboot System button. The main content area is divided into three sections: Device Setup, Date and Time Settings, and SharePod Pairing settings. The Device Setup section includes fields for Resolution (set to Auto Detect [HDMI]), Code (set to Random), and a checkbox for SNTP/NTP Server Synchronization (set to Disable). The Date and Time Settings section includes fields for Server, Last Sync Time, Time Zone (set to GMT 8:00), Daylight Saving Time (set to Enable), Date, and Time. The SharePod Pairing settings section includes fields for SSID (set to wePresent 1600), Encryption (set to Disable), Key, and a checkbox for Hide characters. The bottom of the page features a copyright notice: Copyright © 2016. All Rights Reserved.

## 7.6 Network Setup

**"Network Setup" option shows network settings:**

### <Host Name and Domain Name>

- Host Name: Enter the hostname of this device.
- Domain Name: If DNS server is available, the domain name can be entered here.

### < IP Setup>

- Select "obtain IP address automatically" or "Use the following IP address" to enter the IP address.

The default setting is as following:

- IP Address: 192.168.100.10.10
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.100.10
- DNS Server: 192.168.100.10

### <DHCP Server Setup>

#### Auto-Configuration

When the wePresent WiPG-1600 system is connected to a LAN that already has a DHCP server, the wePresent WiPG-1600 uses an IP address assigned by the server. When the wePresent WiPG-1600 system is connected to a LAN that does not have a DHCP server, the wePresent WiPG-1600 becomes the DHCP server in the network.

- If "auto" option is selected, the WiPG-1600 will auto disable the DHCP server setup when the existing DHCP server is detected. "Disable" option can also be selected. When "Auto" option is chosen, the below information can be entered or kept as default setting.

Start IP: 192.168.100.11

End IP: 192.168.100.254

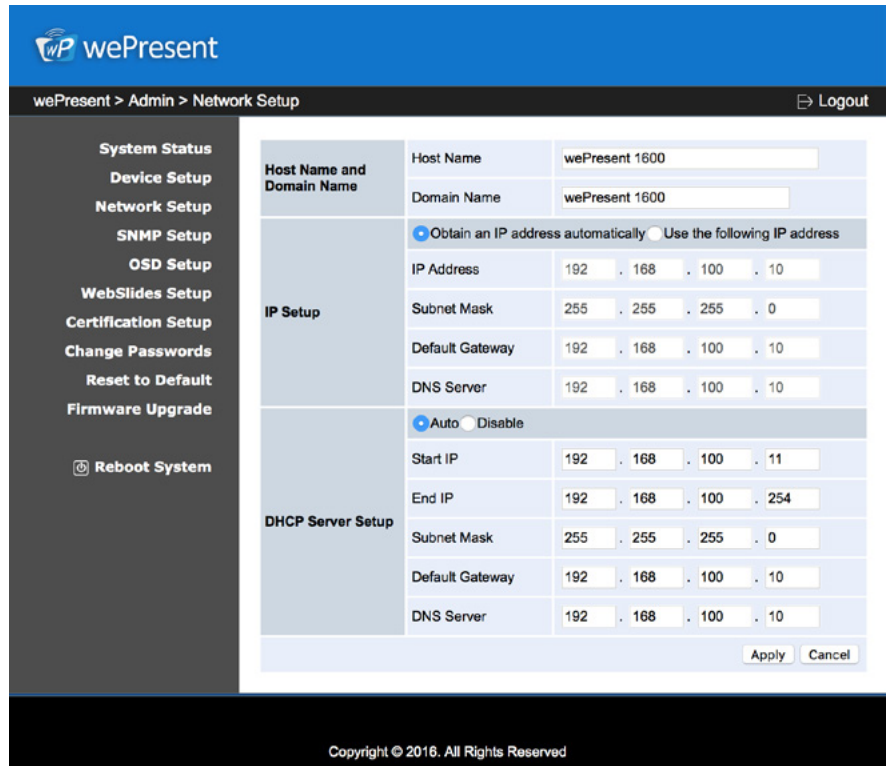
Subnet Mask: 255.255.255.0

Default Gateway: 192.168.100.10

DNS Server: 192.168.100.10

**<Apply >:** Press "Apply" button after configuration, and follow the reboot instruction when applicable.

**<Cancel>:** Press button to abort action.



wePresent > Admin > Network Setup [Logout](#)

**System Status**  
**Device Setup**  
**Network Setup**  
 SNMP Setup  
 OSD Setup  
 WebSlides Setup  
 Certification Setup  
 Change Passwords  
 Reset to Default  
 Firmware Upgrade  
 Reboot System

**Host Name and Domain Name**

Host Name: wePresent 1600  
 Domain Name: wePresent 1600

**IP Setup**

☒ Obtain an IP address automatically ☐ Use the following IP address

IP Address: 192 . 168 . 100 . 10  
 Subnet Mask: 255 . 255 . 255 . 0  
 Default Gateway: 192 . 168 . 100 . 10  
 DNS Server: 192 . 168 . 100 . 10

**DHCP Server Setup**

☒ Auto ☐ Disable

Start IP: 192 . 168 . 100 . 11  
 End IP: 192 . 168 . 100 . 254  
 Subnet Mask: 255 . 255 . 255 . 0  
 Default Gateway: 192 . 168 . 100 . 10  
 DNS Server: 192 . 168 . 100 . 10

[Apply](#) [Cancel](#)

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## 7.7 SNMP Setup

- Enable or disable SNMP V3 service
- User Name: configure the user name to manage this device through SNMP
- Auth Password: configure the Auth password
- Priv Password: configure the Priv password
- Trap Destination: configure the trap receiver IP

**<Apply>**: Press "Apply" button after configuration, and follow the reboot instruction when applicable.

**<Cancel>**: Press button to abort action.



wePresent > Admin > SNMP Setup Logout

**SNMP V3**

☒ Enable ☐ Disable

Username: admin

Auth Password (MD5):  ☒ Hide characters

Priv Password (DES):  ☒ Hide characters

Trap Destination: 0 . 0 . 0 . 0

Apply Cancel

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## 7.8 OSD Setup

### OSD Setup option

#### Change Standby Image

- **<Reset to default>**: Restore to default logo image.
- **<Image File Upload>**: Enter or browse the file name and upload the customized image. Please refer to remark on screen when selecting the file.

#### Change Screen Saver Logo

- **<Reset to default>**: Restore to default image.
- **<Image File Upload>**: Enter or browse to the file name and upload the customized image. Please refer to remark on screen when selecting the file.

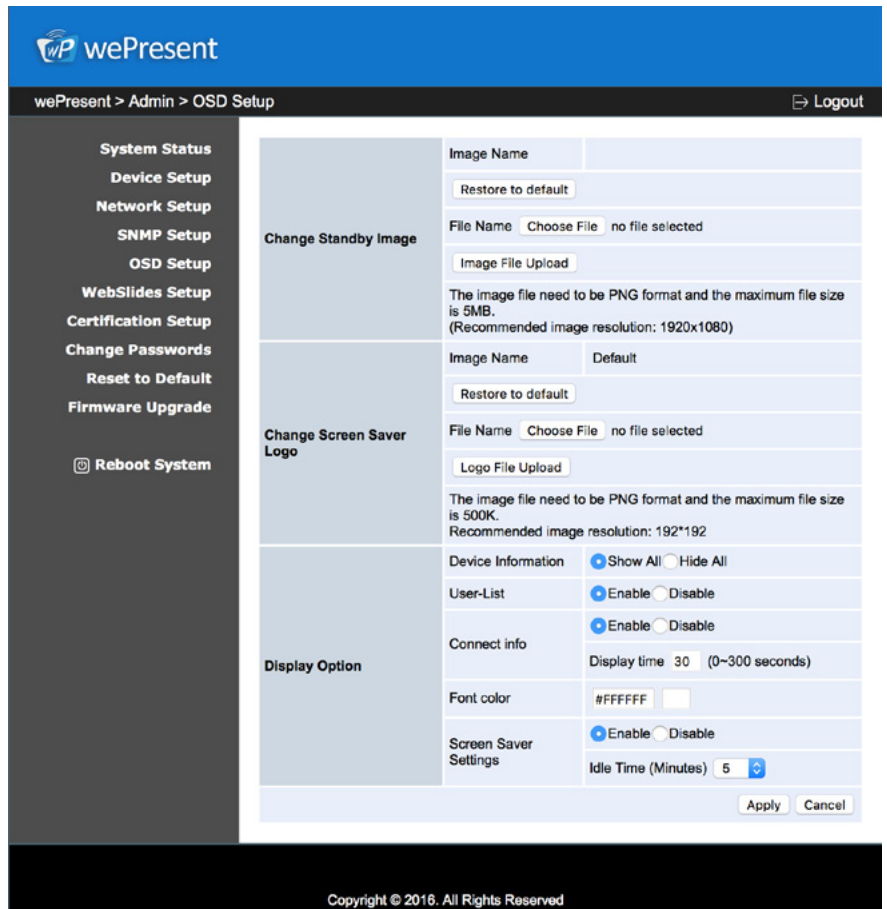
## 7 Web Management

The following “Display Option” can be adjusted:

- **Device Information:** Show or Hide the device Info
- **User List:** Show or hide the User List
- **Connection Info:** Show or hide the overlay connection info
- **Font Color:** Adjust the font color of system information
- **Screen Saver Settings:** Enable or disable the screen saver and configure the idle time (minutes). (default is 5 mins)

**<Apply>:** Press “Apply” button after configuration, and follow the reboot instruction when applicable.

**<Cancel>:** Press button to abort action.



The screenshot shows the wePresent Admin interface for the OSD Setup page. The breadcrumb trail is "wePresent > Admin > OSD Setup". The left sidebar contains a menu with the following items: System Status, Device Setup, Network Setup, SNMP Setup, OSD Setup (highlighted), WebSlides Setup, Certification Setup, Change Passwords, Reset to Default, Firmware Upgrade, and a Reboot System button. The main content area is divided into three sections: "Change Standby Image", "Change Screen Saver Logo", and "Display Option".

**Change Standby Image:** Includes fields for Image Name, a "Restore to default" button, File Name (Choose File, no file selected), and an Image File Upload button. A note states: "The image file need to be PNG format and the maximum file size is 5MB. (Recommended image resolution: 1920x1080)".

**Change Screen Saver Logo:** Includes fields for Image Name (Default), a "Restore to default" button, File Name (Choose File, no file selected), and a Logo File Upload button. A note states: "The image file need to be PNG format and the maximum file size is 500K. Recommended image resolution: 192\*192".

**Display Option:** Contains several settings:
 

- Device Information: ☒ Show All, ☐ Hide All
- User-List: ☒ Enable, ☐ Disable
- Connect info: ☒ Enable, ☐ Disable
- Display time: 30 (0~300 seconds)
- Font color: #FFFFFF
- Screen Saver: ☒ Enable, ☐ Disable
- Screen Saver Settings: Idle Time (Minutes) 5

 At the bottom of this section are "Apply" and "Cancel" buttons.

The footer of the interface reads: "Copyright © 2016. All Rights Reserved".

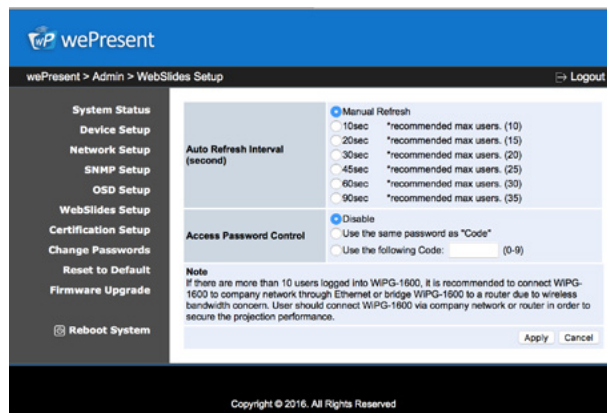
## 7.9 Webslides Setup

“WebSlides Setup” option:

- Adjust Auto Refresh Interval or activate “Access Password Control”
- Please pay attention to the note for information

**<Apply>**: Press “Apply” button after configuration, and follow the reboot instructions when applicable.

**<Cancel>**: Press button to abort action.

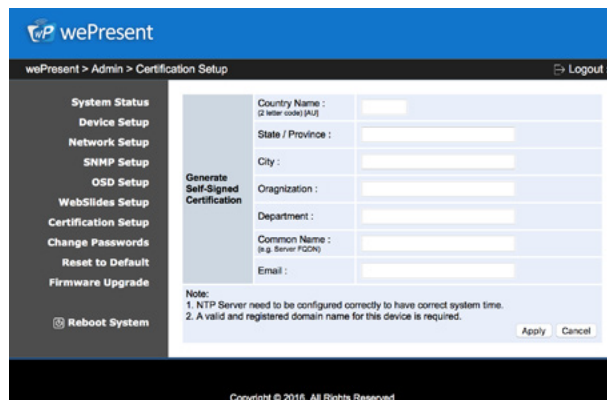


## 7.10 Certification Setup

“Certification Setup” option can generate the self-signed certification for the web server on this device.

**<Apply>**: Press “Apply” button after configuration, and follow the reboot instructions when applicable.

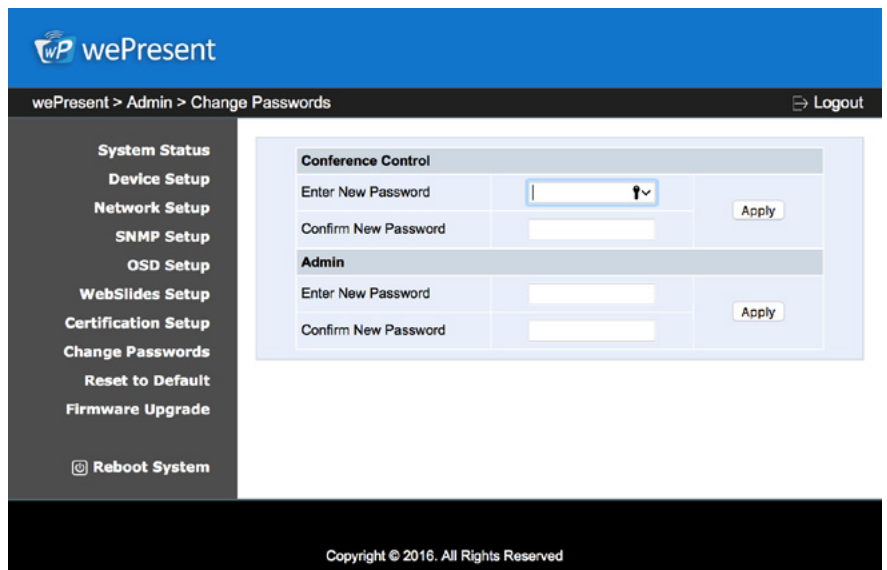
**<Cancel>**: Press button to abort action.



## 7.11 Change Passwords

“Change Password” can change the password setting for “Conference Control” and “Admin”.  
(Length: up to 8 characters)

- <Enter New Password>
- <Confirm New Password>
- <Apply>: Confirm and save modifications



The screenshot shows the wePresent web management interface. The header is blue with the wePresent logo. Below the header, a navigation bar shows the path 'wePresent > Admin > Change Passwords' and a 'Logout' button. A left sidebar contains a list of system settings: System Status, Device Setup, Network Setup, SNMP Setup, OSD Setup, WebSlides Setup, Certification Setup, Change Passwords (highlighted), Reset to Default, and Firmware Upgrade. At the bottom of the sidebar is a 'Reboot System' button. The main content area has two sections: 'Conference Control' and 'Admin'. Each section has two input fields: 'Enter New Password' and 'Confirm New Password', followed by an 'Apply' button. The 'Enter New Password' field in the 'Conference Control' section has a password icon (key) next to it. The footer of the page is black with the text 'Copyright © 2016. All Rights Reserved'.

## 7.12 Reset to Default

“Reset to Default”: restores factory default settings.

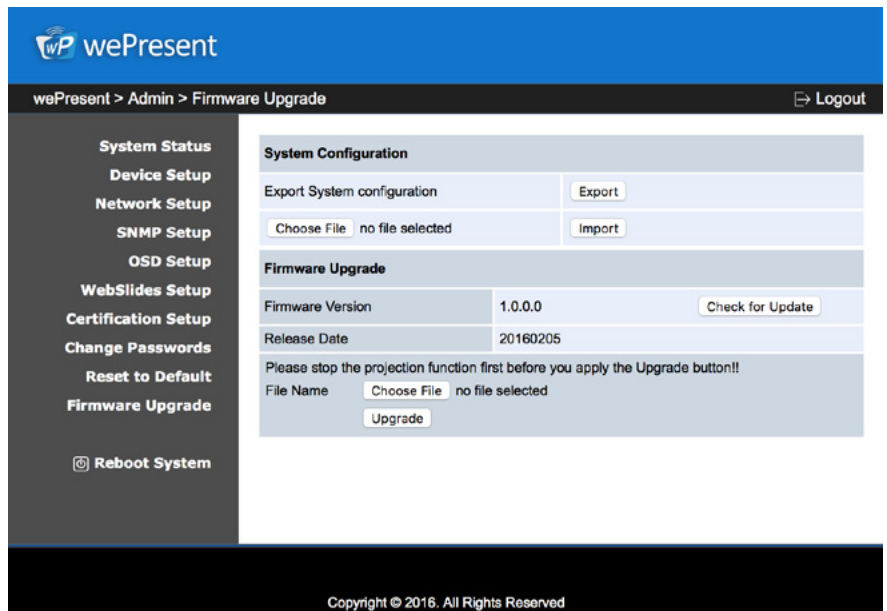
<Apply>: Confirm and take action.

\*\*\* Factory default settings can also be restored from WiPG-1600 system reset button, found underneath the box. Please follow below procedures.

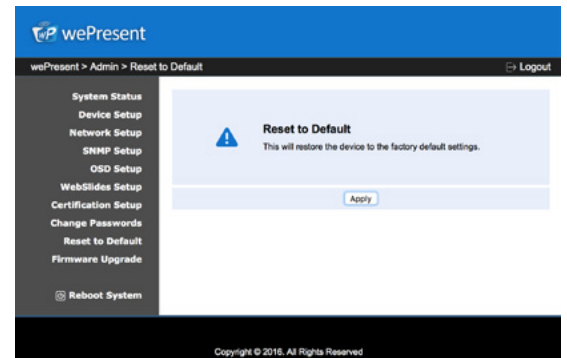
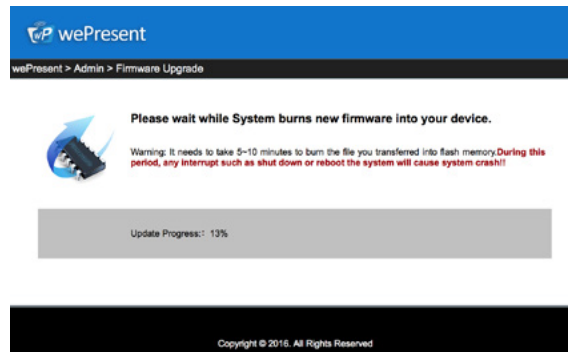
1. Press [Reset] button and hold.
2. Turn on wePresent WiPG-1600.
3. Press for 10 seconds and release [Reset] button.
4. Unit will restore to factory default settings.

## 7.13 Firmware Upgrade

1. Click on "Firmware Upgrade" option to "import/export" system configuration and upgrade firmware.
2. System Configuration Import and Export:
  - **Export:** Export the system configuration to a configuration file
  - **Import:** Import the system configuration file to WiPG-1600
3. Firmware version and release date can be found here.
  1. Firmware Upgrade
  2. Download current firmware file from [www.wepresentwifi.com/downloads.html](http://www.wepresentwifi.com/downloads.html)
  3. Click **<Browse>** to select the downloaded firmware file
  4. Click **<Upgrade>** to start
  5. A warning message and count down counter will appear on the screen
  6. After a few minutes, a "complete" message will appear on the screen
  7. Restart the wePresent WiPG-1600 to take effect
  8. Unit will restore to factory default settings



The screenshot shows the wePresent web management interface. The top navigation bar is blue with the wePresent logo. Below it, a breadcrumb trail reads "wePresent > Admin > Firmware Upgrade" and a "Logout" link is on the right. A left sidebar contains a menu with options: System Status, Device Setup, Network Setup, SNMP Setup, OSD Setup, WebSlides Setup, Certification Setup, Change Passwords, Reset to Default, Firmware Upgrade (highlighted), and Reboot System. The main content area is titled "System Configuration" and includes an "Export System configuration" section with an "Export" button and a "Choose File" button (labeled "no file selected") with an "Import" button. Below this is the "Firmware Upgrade" section, which displays "Firmware Version" as 1.0.0.0 and "Release Date" as 20160205, with a "Check for Update" button. A warning message states: "Please stop the projection function first before you apply the Upgrade button!!". At the bottom of this section is a "File Name" field with a "Choose File" button (labeled "no file selected") and an "Upgrade" button. The footer of the interface reads "Copyright © 2016. All Rights Reserved".



**WARNING:** Do not power off the wePresent WiPG-1600 while firmware upgrade is in progress, otherwise the unit will be damaged and must be returned to the vendor for repair.

## 7.14 Reboot System

Click on **"Firmware Upgrade"** option to **"import/export"** system configuration and upgrade firmware.

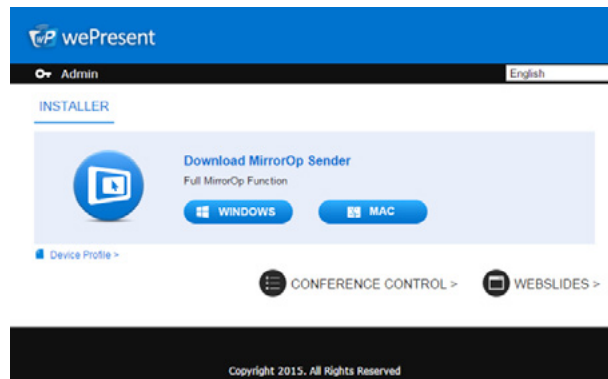
- Click on <Reboot >button: reboot system automatically.

## 7.15 Logout

Click on **"logout"** on the upper right corner to logout of the administration webpage and return back to the web management front page.

## 7.16 Webslides

1. Select the “WebSlides” button to enter the WebSlides page.
2. If presenter has enabled the webslides feature, their presentation will then appear in the browser.



## 8 Wall Mount

1. Remove rubber from the bottom side
2. Insert the mounting screw on wePresent device
3. Attach the mounting bracket on the wall with the screw

