wePresent

User's Manual

For WiPG-1600w (Feb 2016)

Version: 1.1

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1 Overview

WiPG-1600w is a spectacular wireless presentation device which connects multi-platform devices (Windows/Mac/Pad/Smartphone) for engaging interactive presentations by supporting finger-touch technology, virtual whiteboard and Win 7/8 HID compatible remote devices.

WiPG-1600w Highlight Features:

Icon	Feature	Description
	MirrorOp Sender for Windows and Mac	MirrorOp Sender for Windows and Mac ♦ Win: 7/8, ♦ Mac: 10.7/10.8/10.9/10.10
	MirrorOp for Galaxy	MirrorOp sender for Samsung Galaxy series devices Support. Users can project any contents from their Samsung Galaxy devices
	MirrorOp Presenter	High quality presentation and annotation via iPhone/iPad or Android devices (Word, Excel, PPT, PDF , Photo , Browser, Live Camera, Screenshot)
	Video Streaming	Network Video/Music streaming for Windows, Mac, iOS and Android
	WebSlides	Broadcast slides to your devices with WiFi and web browser ♦ Audience can save the projecting slides for taking notes ♦ Webslides can be secured by password
	Whiteboard	♦ Make free drawing on virtual whiteboard/blackboard without any computer connected ♦ Make annotation on any projecting content. It allows you to annotate on the screen during the presentation ♦ Annotating, writing and drawing can be done using touch screen or any other USB HID device

	4-to-1 projection	Project four PC/Mac screens to one projector/display at once
	One to Many Projection	Project the screen to up to four receiver devices at the same time
	Conference Control / OSD User-List	Control projection from WiPG's web page, or use mouse/keyboard to select a PC from the standby screen. ♦ Conference control function can be secured by password ♦ Moderator can control who is projecting. ♦ Moderator can compare 4 screens side by side.
	SNMP V3	Manage WiPG devices across the corporate 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

- WiFi 802.1a/b/g/n (Selective 5G/2.4G WiFi)
- Power over Ethernet
- High performance screen/audio projection for Windows/Mac (Windows 7/8 and Mac 10.7/10.8/10.9/10.10)
- Remote desktop control from Touch Screen or Mouse/Keyboard for Windows/Mac
- Plug&Show: launching the projection application from a USB Token without installation. Extra USB tokens with the Plug&Show function can be easily created in the wePresent software.
- 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)
- Support drawing feature for projecting sender screen, or drawing on whiteboard without PC

- Changeable Customized standby screen.
  - Replace entire start screen with background image.
  - SNMP V3:
    manage/configure multiple WiPGs through SNMP V3 protocol
  - Firmware upgrade via FTP
  - Enhance the remote SNMP manageability to higher security level
- Wi-Fi Enterprise encryption support
- 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, WEP/WPA/WPA-Enterprise WiFi Security, and GateKeeper
- HDMI and VGA dual video interfaces
- WiFi AP, Station and AP-Client mode: Make WiPG-1600w a part of your wired or wireless network. Allowing internet access to all connected users and presentation from network computers.
- Operation Temperature : 0~40℃

2 Package Contents

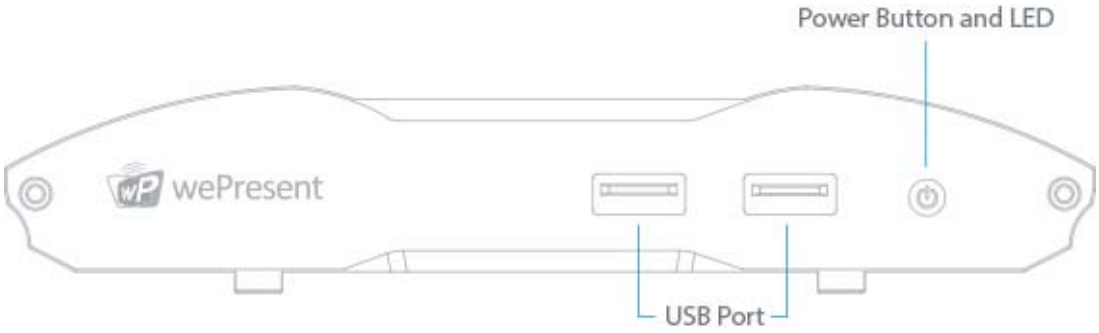
- wePresent WiPG-1600w Box
- wePresent USB Token
- Power Adapter (DC +5V, 2.6A)
- 2 WiFi Antenna
- Quick Installation Guide
- Wall Mount Kit
- Warranty Card
- CE DoC

3 USB Token Contents

- MirrorOp Installer for Windows
- MirrorOp Installer for Mac
- Executable MirrorOp Application for Windows
- Executable MirrorOp Application for Mac
- VAC Driver (For Windows XP Audio Projection)
- VDD Driver (For Windows XP/Vista Virtual Extended Screen)
- SVS Driver (For Mac Extended Screen)
- User Manual

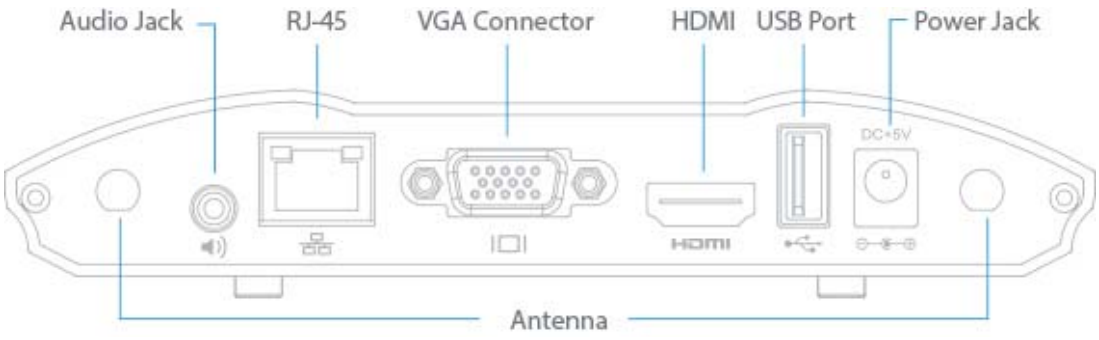
4 Physical Details

- **Front Panel**



	Description
Power Button and LED	Stand-by button. LED Indicator: System Loading(Red), Ready(Blue)
USB Port (Front)	2 USB ports for USB mouse and keyboard

- **Rear Panel**

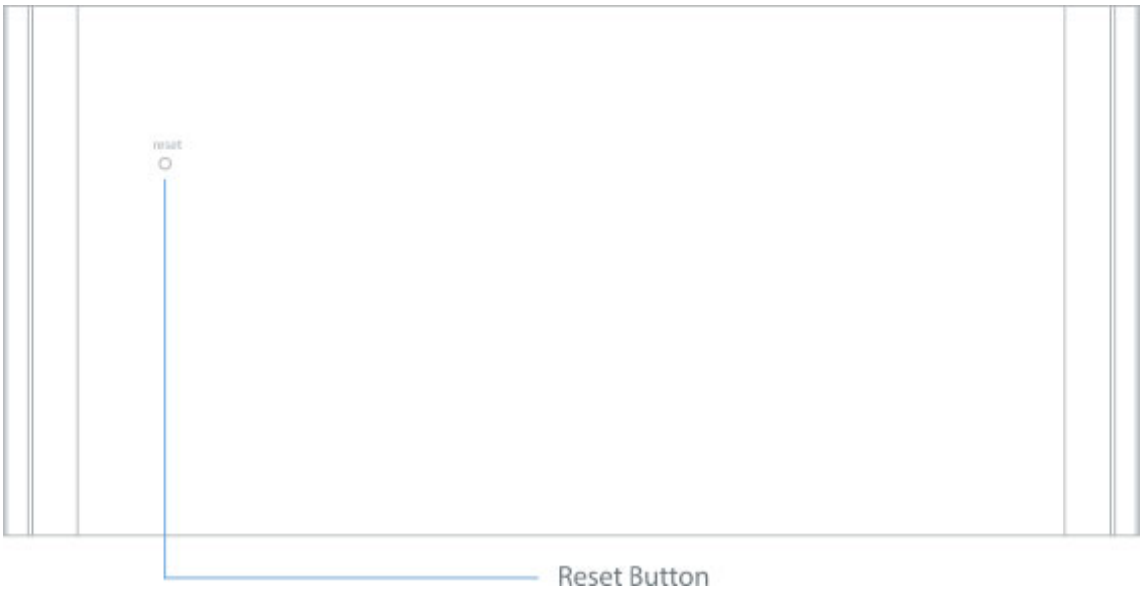


	Description
Antenna	WiFi Antenna
USB Port (Rear)	USB port for USB Thumb drive or Touch Device
RJ-45	10/100/1000M RJ-45 port PoE (Power Over Ethernet)
VGA Connector	VGA connector
HDMI	HDMI Connector
Audio Jack	Audio Jack (3.5mm)
Power Jack	Power Jack (5V/2.5A)

- The USB port can only supply up to 5V/0.5A to USB touch device and USB drive.
- PoE Standard: IEEE 802.3at Standard 13 watts type 1 (class 0) powered device(PD) of Power Over Ethernet(PoE).
- PoE Rating : 37~57V/350mA
- Antenna Gain & type : Dipole Antenna ,Gain:2.0dBi

Power supply source need to use consistent with LPS (Limited Power Source)

- **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.

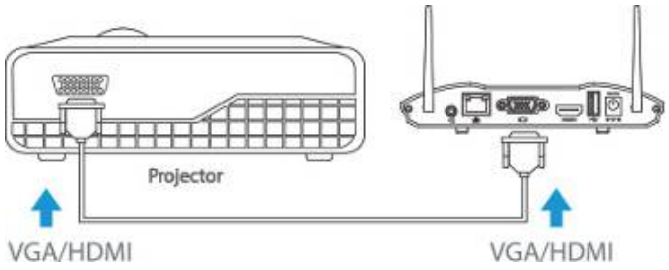
5 What You Might Need

- Projector/display with VGA/HDMI interface
- Windows or Mac PC/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)

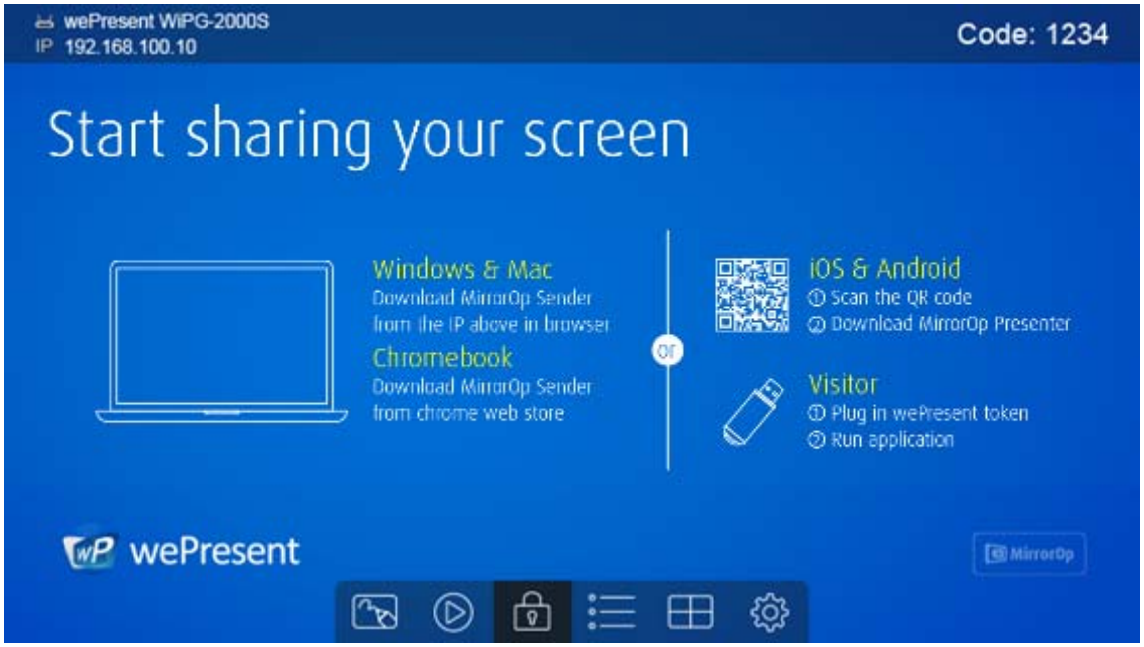
6 Quick Installation

1) Connect wePresent WiPG-1600w device to Projector/display through VGA/HDMI port and turn on projector/display power.



2) Connect the power adaptor to WiPG-1600w device and press the power button to turn on WiPG-1600w device. System will be ready when the LED light turns to blue.

- WiPG-1600w can also be powered by Ethernet Cable (Power over Ethernet).
- It will show the default standby screen as below when system is ready.



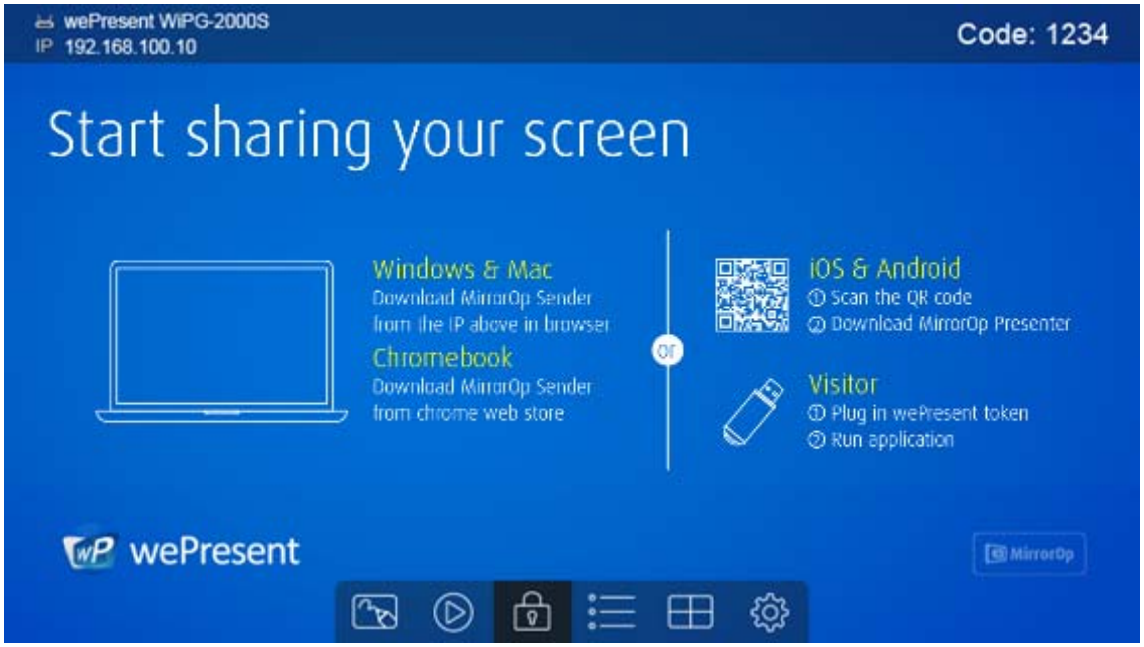
3) Insert the speaker cable to WiPG-1600w audio jack for audio output

4) Insert the USB mouse or keyboard or USB touch device to WiPG-1600w front/rear USB port for On-Screen Display (OSD) control. (Optional)

7 WiPG-1600w Start/Standby Page

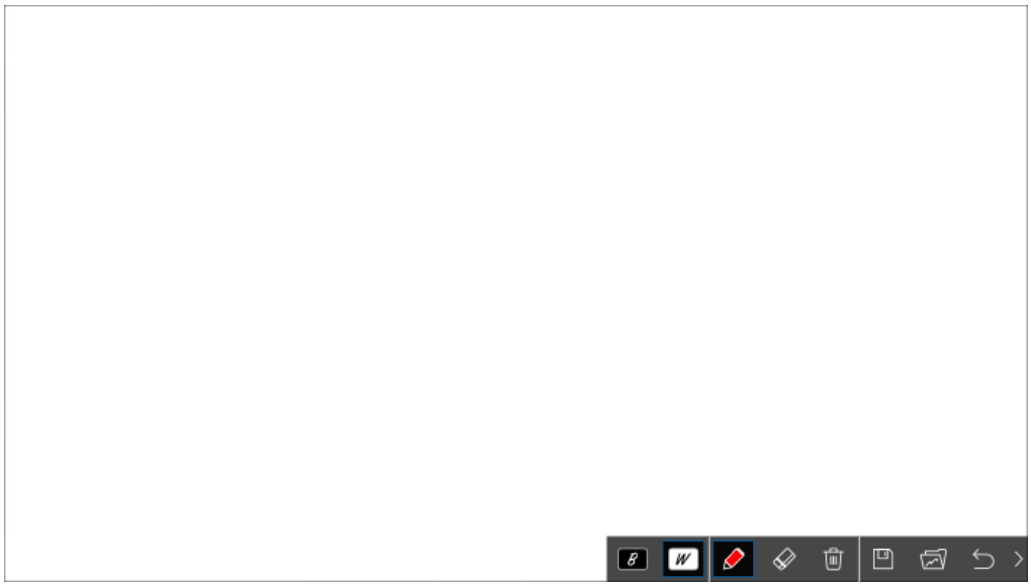
7.1 Quick Guide

The device will show the quick guide on the screen as below, it will show the device information on the screen and also the function icon.



7.2 Whiteboard

1) Click on the “whiteboard” button on the start page to enter “whiteboard” function page. You can make the free drawing on device screen through Mouse, Touch Screen or IWB device.

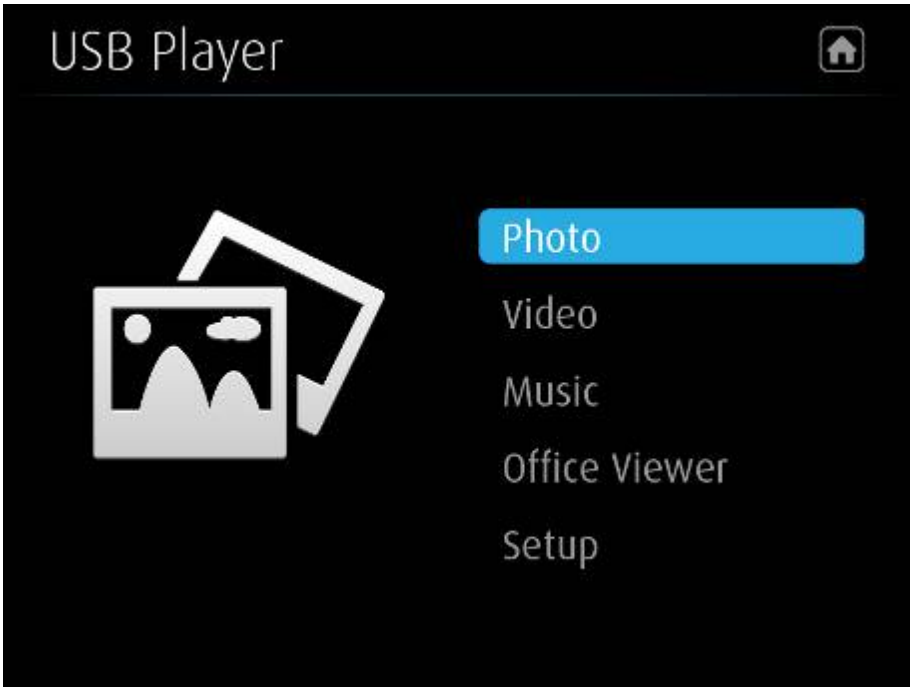


2) Pen Menu Function

Button	Description
	Open/Minimize all Pen menu bar.
	Home, Go back to wePresent home standby screen.
	Clear all of the drawing/writing on the screen.
	Erase part of drawing/writing.
	Select the pen color. (Red, Green, Blue)
	Select the size of the pen. (Small, Medium, Big)
	Click to use the blackboard. (All the drawing/writing will be cleared when changes to different mode)
	Click to use the whiteboard. (All the drawing/writing will be cleared when changes to different mode)

7.3 USB Player function

1) Click on the “USB Player” button on the start page to enter “USB Player” function. You can playback the Photo/Music/Video/Office files from the attached USB drive. Details please see the USB Player section.



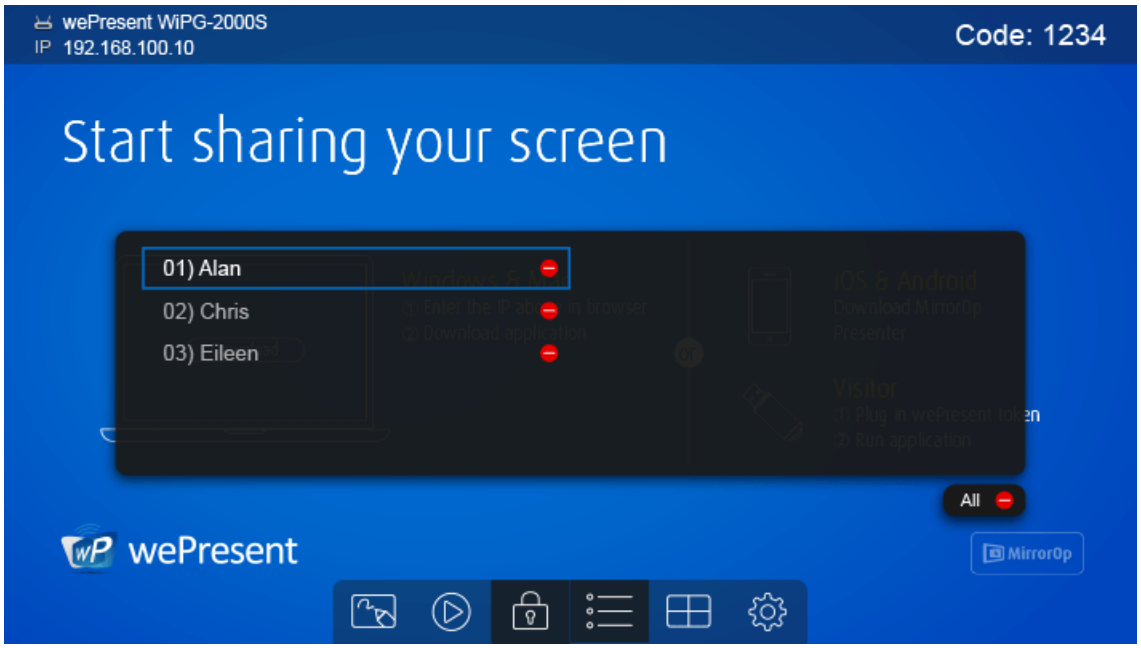
7.4 Conference Control Mode

1) Click to enable conference control mode and the sender will be blocked when they try to overtake the screen from the sender application. The moderator can only manage the projecting sender through web conference control page or the OSD PC-List.

2) Click to disable conference control mode, the sender can overtake the screen freely by pressing the button on the sender application.

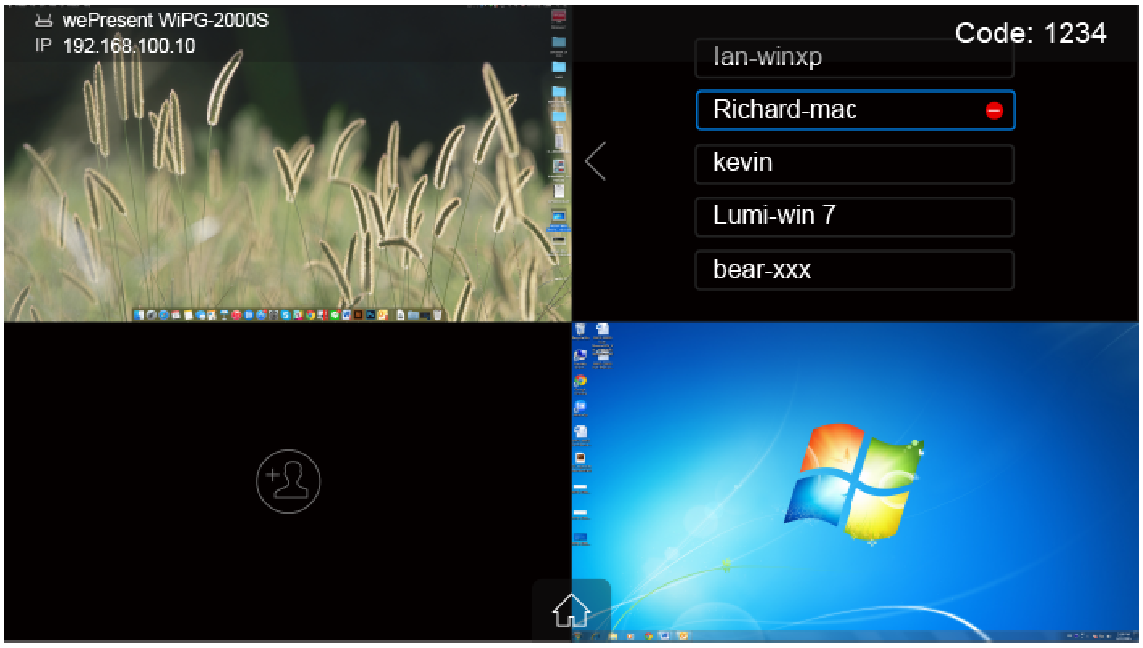
7.5 Sender List

Click on the “Sender-List” button to show all connected sender list, you can also pick the sender name to display the screen/content from that sender.



7.6 Split Screen mode

1) Click on the “Split Screen” button on the start page to enter “Split Screen” page. You can see the connected sender list and press the “add” icon to choose them to the selected quadrant area.



7.7 Setup

Click on Setup icon , you can find the Firmware (FW) version, resolution, WiFi channel and AP-client status information on the screen. Meanwhile, you can also click on the “Calibration” function to calibrate the projecting screen to an optimization mode. Click on the “Make PnS Token” to copy the PnS application for Windows and Mac to attached USB drive.

7.8 Remote Touch Control (UMT)

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

Note:

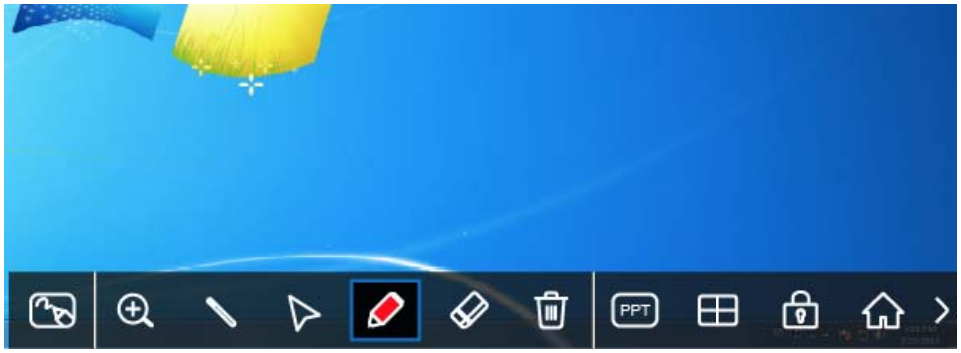
1. The UMT can only support standard USB HID touch device, the supported touch device can be found from wePresent distributor.

2. It will process the touch event and send the mouse event to sender when the sender is Windows XP, 7 and Mac.

3. The USB port on WiPG-1600w can supply up to 5V/0.5A power, the additional power supply is required if the attached HID device required more power.

7.9 Pen Menu Function under Projecting Mode

1) When users are projecting through Windows, Mac, Android and iOS application, any Win7/8 standard HID compatible device (i.e Mouse/IWB/Touch Screen) can be used for Pen feature. Users can do free drawings/writings and annotation on the projecting screen.



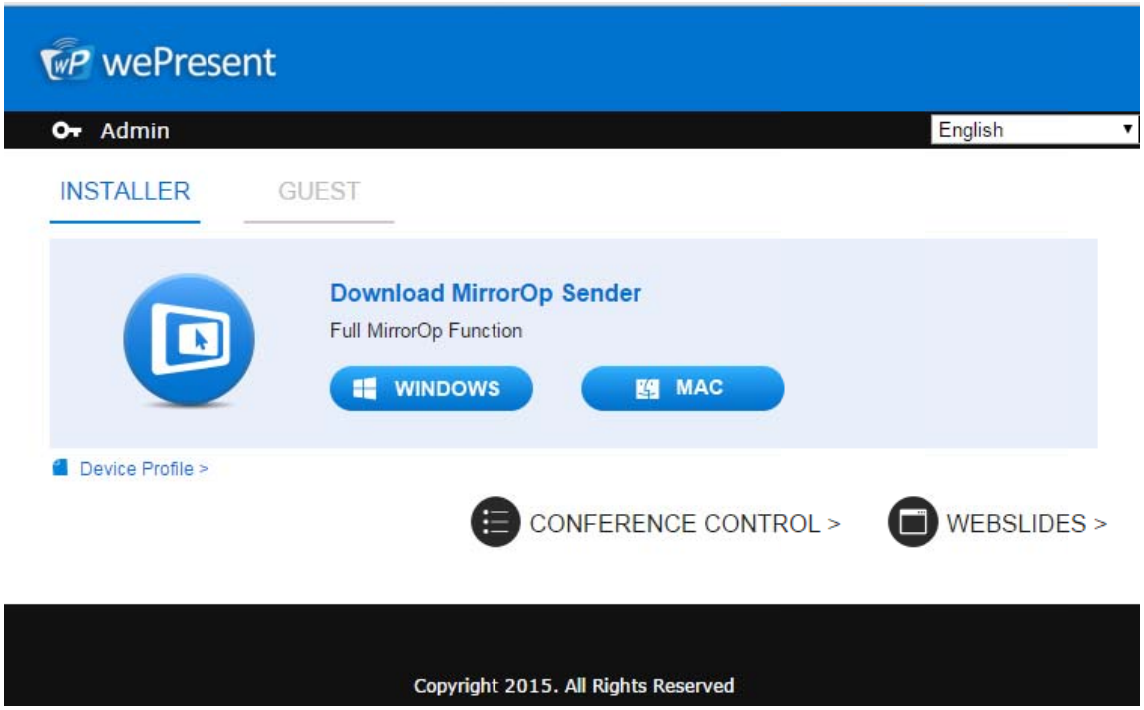
Item	Description
	Home, Go back to wePresent home standby screen.
	Enable/Disable the conference control mode.
   	The tool for PowerPoint presentation. PageUp/PageDn, this button to go to previous/next page. SlideShow, When the user is projecting a PPT file, press this button to enable Slide Show function. ESC, When the user is projecting a PPT file, press this button to quit Slide Show mode.
	Clear all of the drawing/writing on the screen.
	Erase part of drawing/writing.
	Save current screen image to USB driver.

	Enable the magnifier function.
	Change to Mouse mode for remote control function.
	Select the color and size for Pen mode. (Red, Green, Blue)
	Select the size of the pen. (Small, Medium, Big)
	Change to Pointer Mode

8 Web Management

8.1 Home Page

1) Make sure your PC connect to wePresent WiPG-1600w box successfully.
2) Enter the receiver IP address on your browser; you can find the IP address on the projector/display screen. (Default IP is 192.168.100.10)



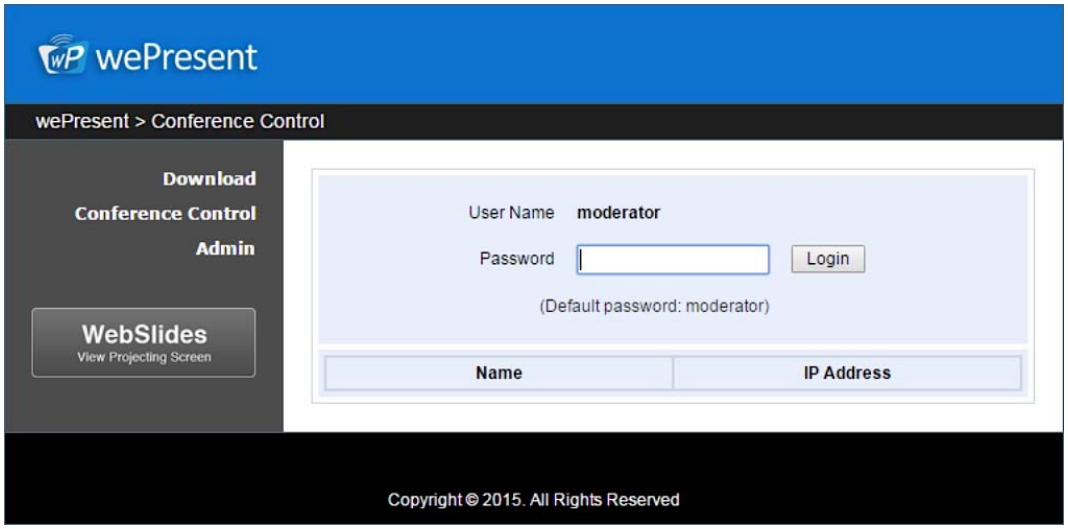
3) Please select the “Windows Utility” or “mac Utility” and execute the installation program.
   Note: Please disable the “Smart Screen Filter” on IE browser; otherwise you might not able to download the file.
4) Download the Device Profile on your Windows or Mac laptop, double click this profile (.wipg), it will launch the wePresent utility automatically and connect to this device without further operation.

8.2 Conference Control

1) Select “Conference Control” function, you can find the current connected user list

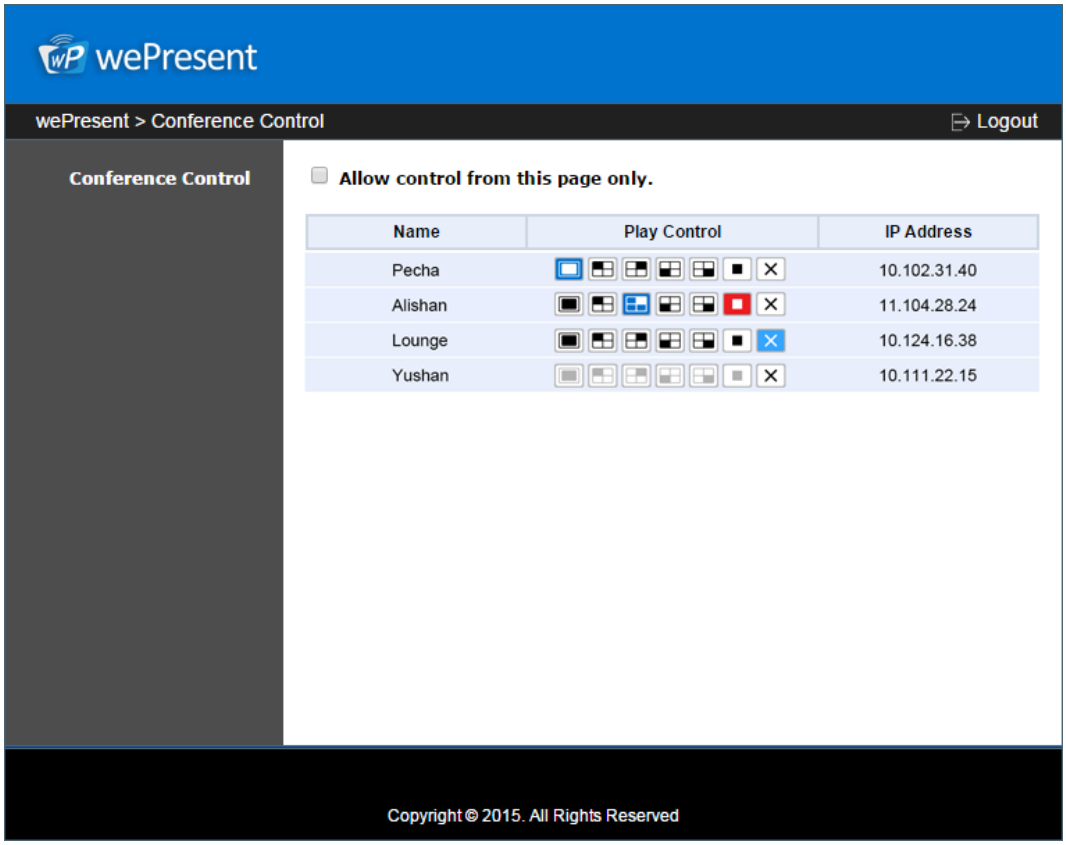
on this page. Please make sure the lock on the start page is disabled.

2) Enter password and then press [Login]. (default password: moderator)



3) After login, you can see a User List on the screen which indicates all of the users connected to wePresent WiPG-1600w box.

4) The default sxetting is “allow control from this page only”. When this function is checked, the moderator can control all the login users’ projection.



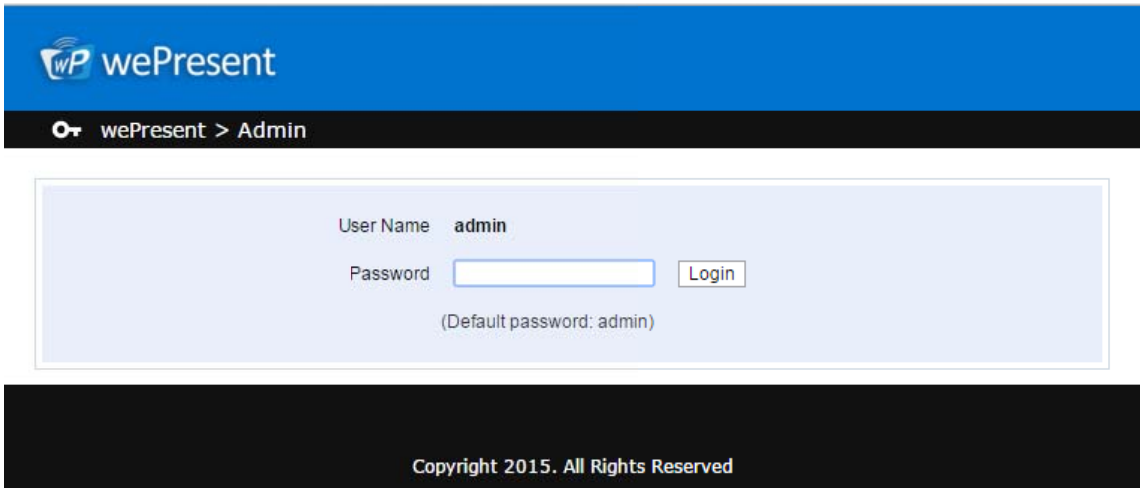
5) There are three columns, “Computer Name”, “Play Control” and “IP Address”.

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 the projecting.
c. Moderator can assign which user to project on which screen by clicking on the screen numbers.
d. Moderator can “stop” the projecting or remove the sender anytime.

6) Uncheck the “Allow Control from this page only”, it will disable the centralized control and user can project the screen to WiPG-1600w freely.
7) Moderator can log out from the conference control mode by clicking on the” log out” on the upper right corner.

8.3 Admin

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



8.4 System Status

1) 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-1600w device.
- **Subnet Mask**：subnet mask
- **Default Gateway**：default gateway
- **Wireless MAC address**：wireless MAC address
- **Wire MAC address**：wire MAC address

WiFi Information:

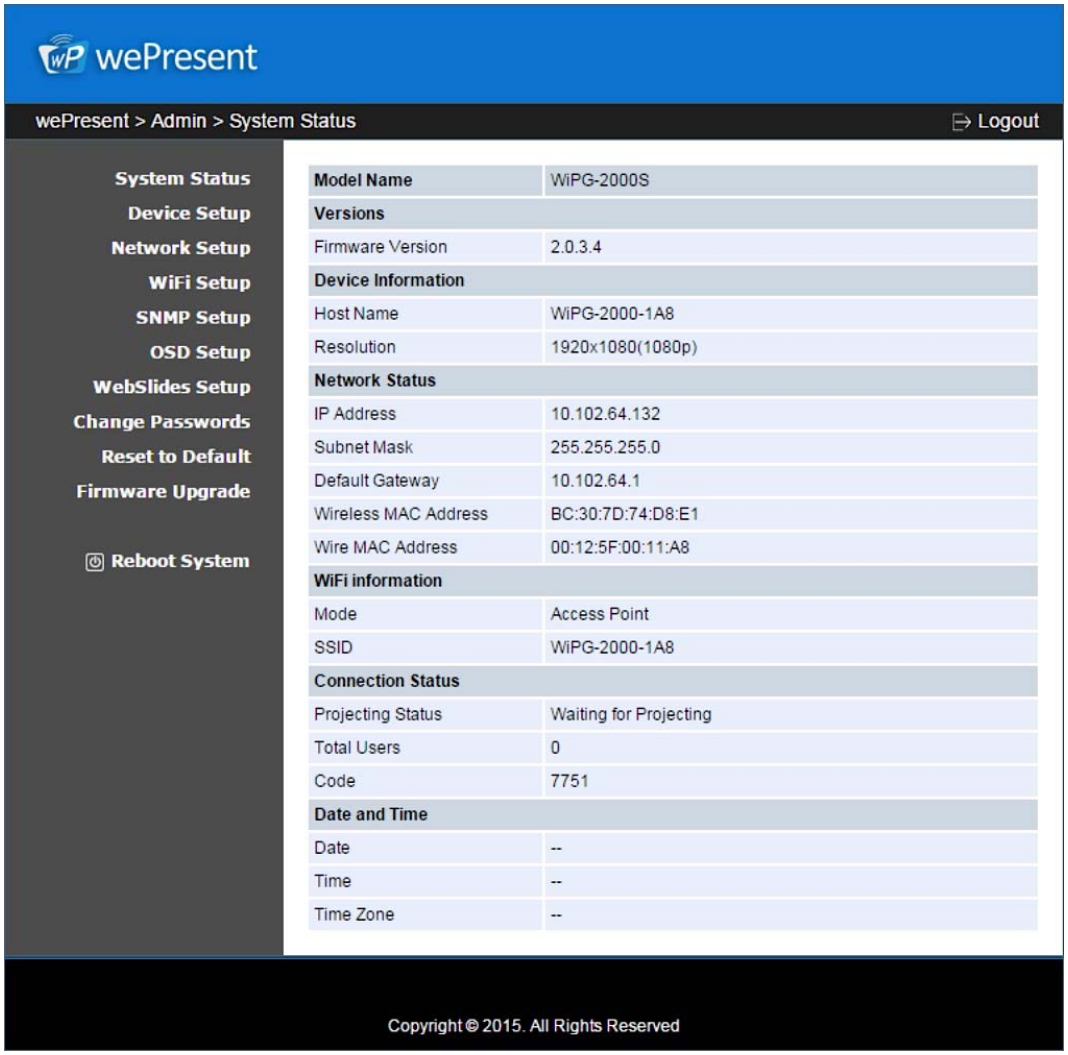
- **WiFi Mode**：**Access Point/WiFi Station/Concurrent AP-Station Mode**
- **SSID**：Current SSID or the connected WiFi AP name.

Connection Status:

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

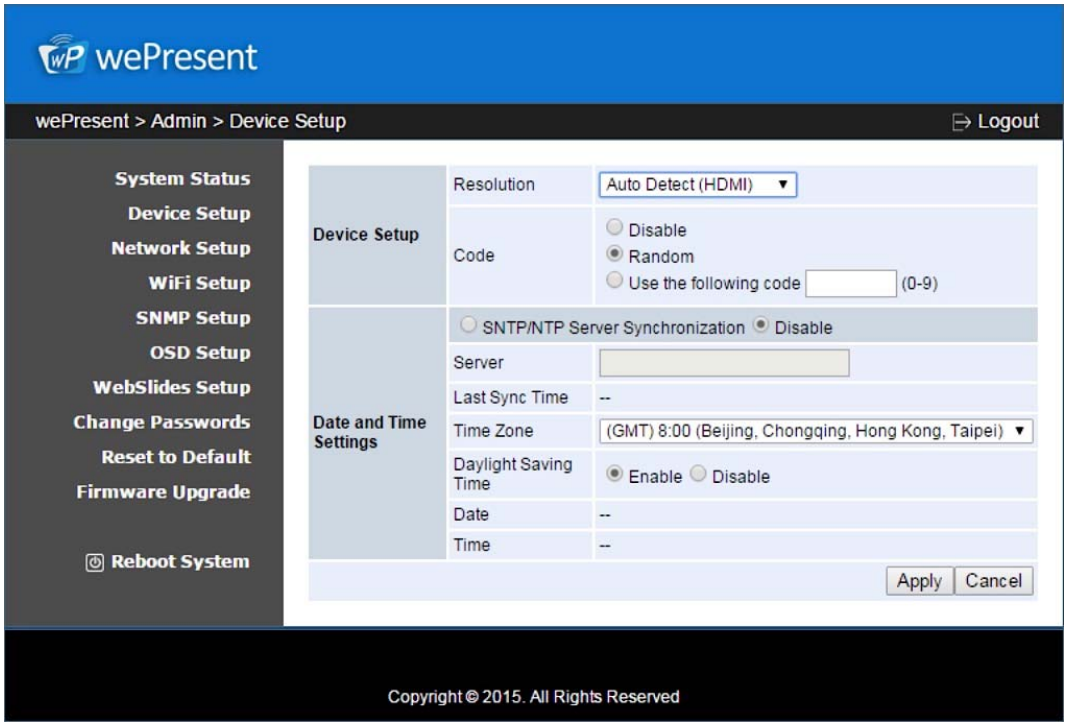
Date and Time:

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



8.5 Device Setup

1) Click on “Device Setup” option, it will show the device setting items,
   - **<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) Click on “Date and Time Settings” option, it will show the time setting items,
   - Choose **<SNTP/NTP Server Synchronization> or <Disable>** to specify the time server or disable this feature.
   - **<Time Zone>**: Specify the time zone.



8.6 Network Setup

1) Click on “Network Setup” option, it will show the network setting items,

< Host Name and Domain Name>

- Host Name: Enter the hostname of this device.
  Note: You can enable the “use the same name as network name”, it will use the same name as SSID for the device host name.
- Domain Name: You can also enter the domain name of this device if there is DNS server available.

< IP Setup>

- You can 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.
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.100.10
- DNS Server: 192.168.100.10

<DHCP Server Setup>

<Note: Auto-Configuration Network Setup on WiPG-1600w>

The default setting of the wePresent WiPG-1600w box as DHCP server. When the wePresent WiPG-1600w box is connected to a LAN that already has a DHCP server, the wePresent WiPG-1600w box uses an IP address assigned by the server. When the wePresent WiPG-1600w box is connected to a LAN that does not have a DHCP server, the wePresent WiPG-1600w box becomes the DHCP server in the network.

- You can select “auto” option. WiPG-1600w will auto disable the DHCP server setup when the existing DHCP server is detected. Or you can simply select “Disable” option. When you choose “Auto” option, you can enter the below information or keep it 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

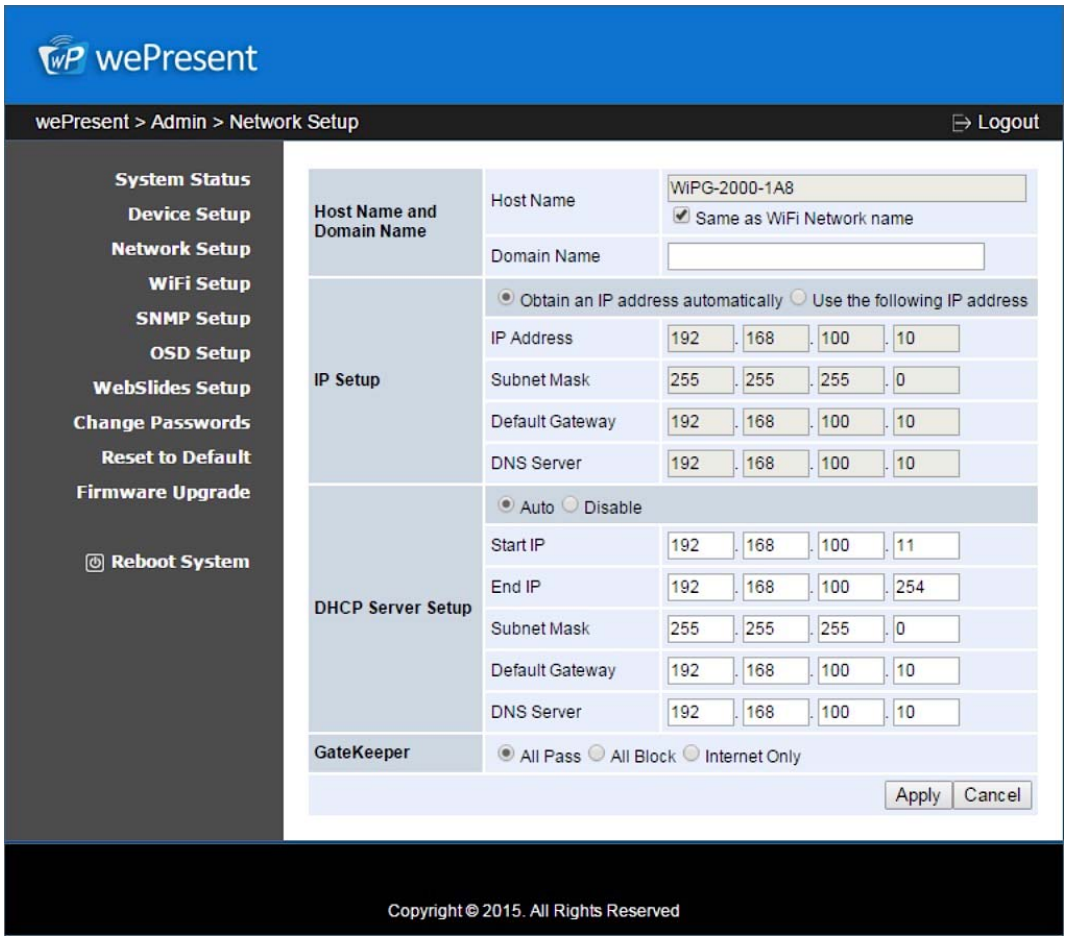
< Gatekeeper>

Gatekeeper is designed for ensuring the enterprise network security within wePresent WiPG-1600w box

- “All Block” can block Guest Users(through wireless) to access all office network(LAN),
- “All Pass” can allow 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 “Apply” button after configuration, and follow the reboot instruction when applicable.

<Cancel>: Press button to abort action.

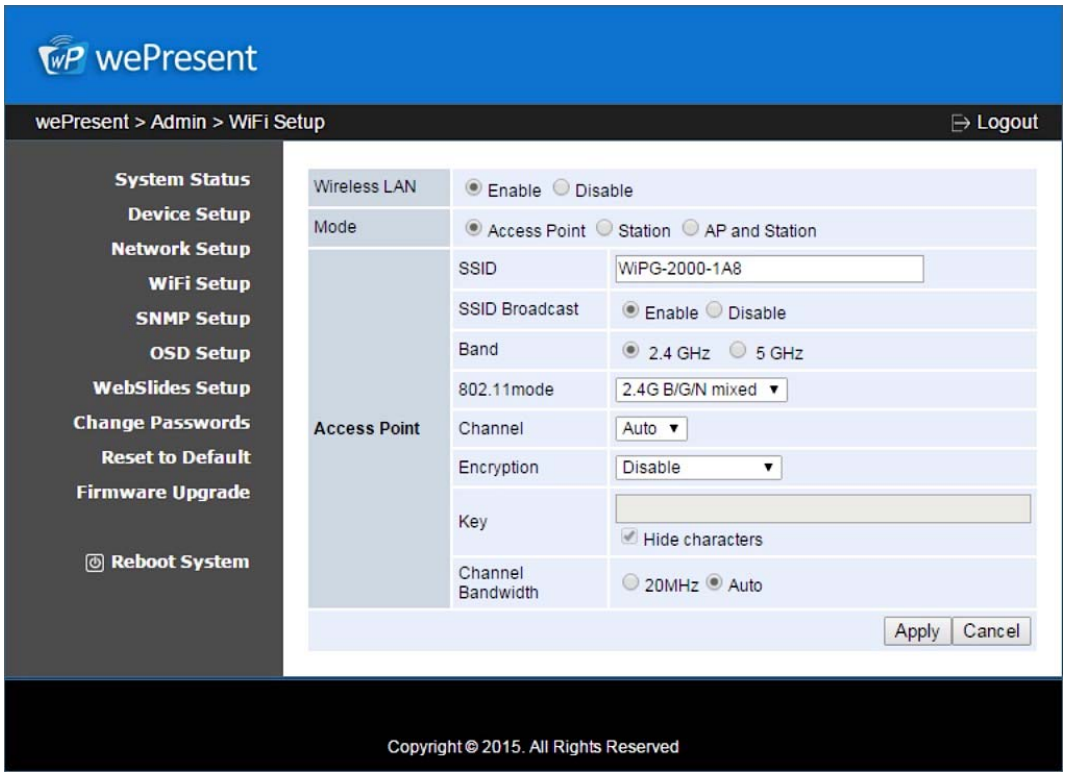


8.7 WiFi Setup

- Wireless LAN: The default setting is “Enable”
- Mode: Specify the WiFi Access Point mode, WiFi Station mode and Concurrent AP and Station Mode.

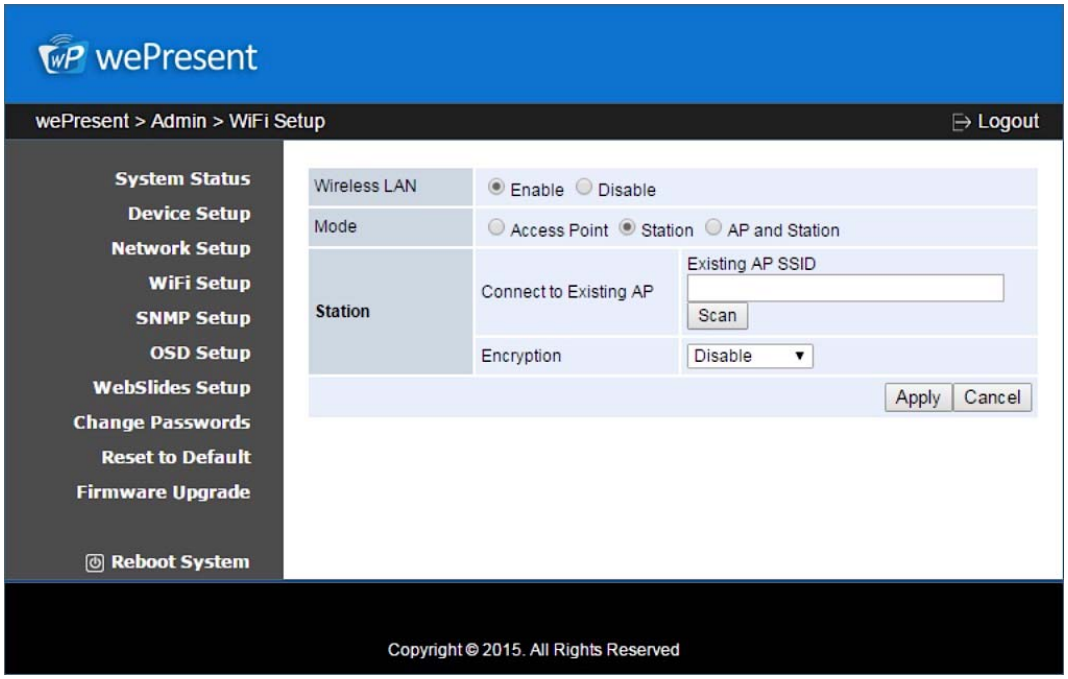
< Access Point Mode>

- SSID: You can change the default SSID and the maximum Length is 32 bytes.
- SSID Broadcast: The default value is “Enable”
- Band: 5G or 2.4G
- Channel: You can set a fixed channel or allow auto selection. The “Auto” selection means after power on wePresent WiPG-1600w, it will scan all of wireless channels and select one clear channel automatically.
- Encryption: you can select “Disable” or one of WEP/WPA PSK/WPA2 PSK/ WPA Enterprise/ WPA2 Enterprise.
- Key: If Encryption is enabled, you have to enter a key according to the encryption mode you selected. (If the length of the key entered is not sufficient or too long, a warning message will pop up.)
- Channel Bandwidth: select from 20M or Auto (20M/40M)



< Station Mode>

- Connect to Existing AP: The default setting is “Disable”. If you choose “Enbale” you need to enter the existing AP SSID that you want to connect. When you select “Enable” option, the following information needs to be entered accordingly to the existing AP setting:
  Encryption: Select “Disable” or one of WEP/WPA PSK/WPA2 PSK/ WPA Enterprise/ WPA2 Enterprise.
  Key: If Encryption is enabled, you have to enter a key according to the encryption mode you selected. (If the length of the key entered is not sufficient or too long, a warning message will pop up.)
  Note: The Encryption and Key information must be consistent to the exiting AP configuration.



< Concurrent AP and Station Mode>

Access Point

- SSID: You can change the default SSID and the maximum Length is 32 bytes.
- SSID Broadcast: The default value is “Enable”
- Channel: You can set a fixed channel or allow auto selection. The “Auto” selection means after power on wePresent WiPG-1600w, it will scan all of wireless channels and select one clear channel automatically.
- Encryption: you can select “Disable” or one of WEP/WPA PSK/WPA2 PSK/ WPA Enterprise/ WPA2 Enterprise.
- Key: If Encryption is enabled, you have to enter a key according to the encryption mode you selected. (If the length of the key entered is not sufficient or too long, a warning message will pop up.)
- Channel Bandwidth: select from 20M or Auto (20M/40M)

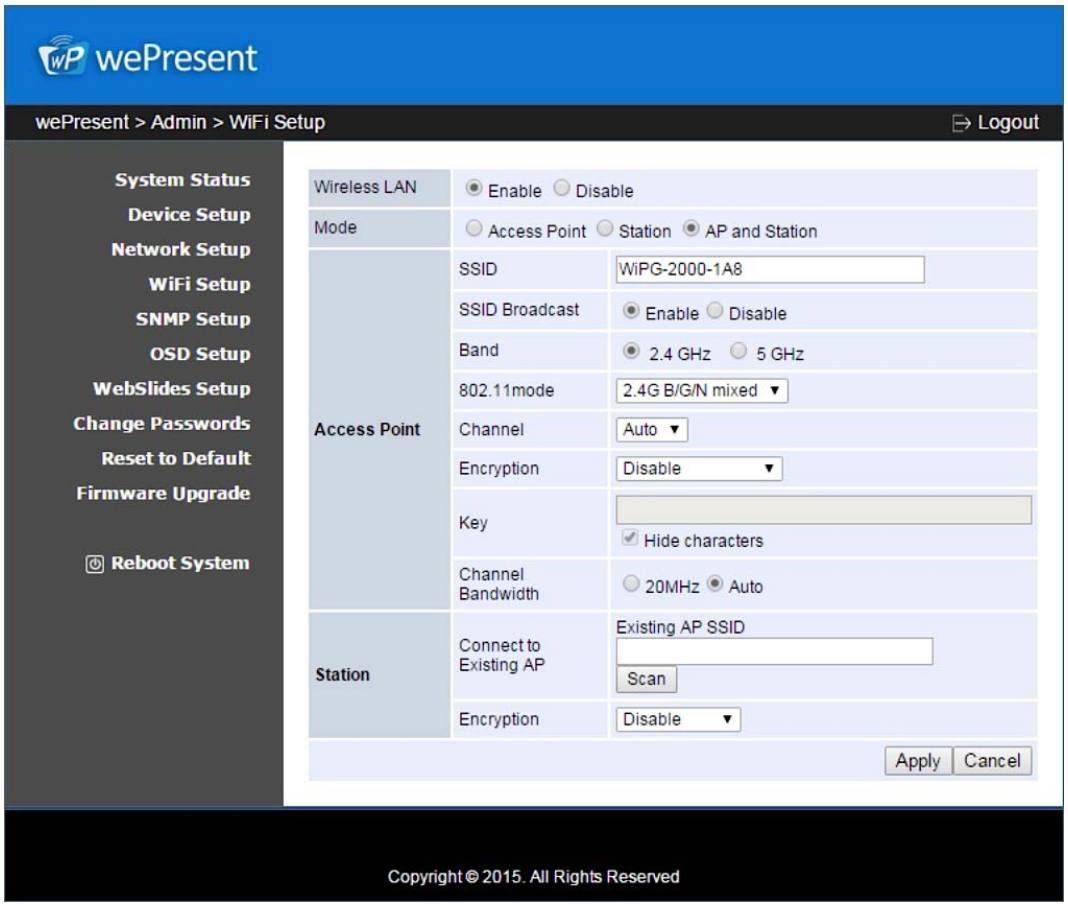
WiFi Station:

- Connect to Existing AP: The default setting is “Disable”. If you choose “Enbale” you need to enter the existing AP SSID that you want to connect. When you select “Enable” option, the following information needs to be entered accordingly to the existing AP setting:
  Encryption: Select “Disable” or one of WEP/WPA PSK/WPA2 PSK/ WPA Enterprise/ WPA2 Enterprise.
  Key: If Encryption is enabled, you have to enter a key according to the encryption mode you selected. (If the length of the key entered is not sufficient or too long, a warning message will pop up.)
  Note: The Encryption and Key information must be consistent to the exiting

AP configuration.

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

<Cancel>: Press button to abort action.



Note:

1. WiFi 5G feature is only available on WiPG-1600w device
2. The WiFi DFS band is not supported.
3. The Station mode, concurrent AP and Station mode can't support the advance authentication mechanism.

8.8 SNMP Setup

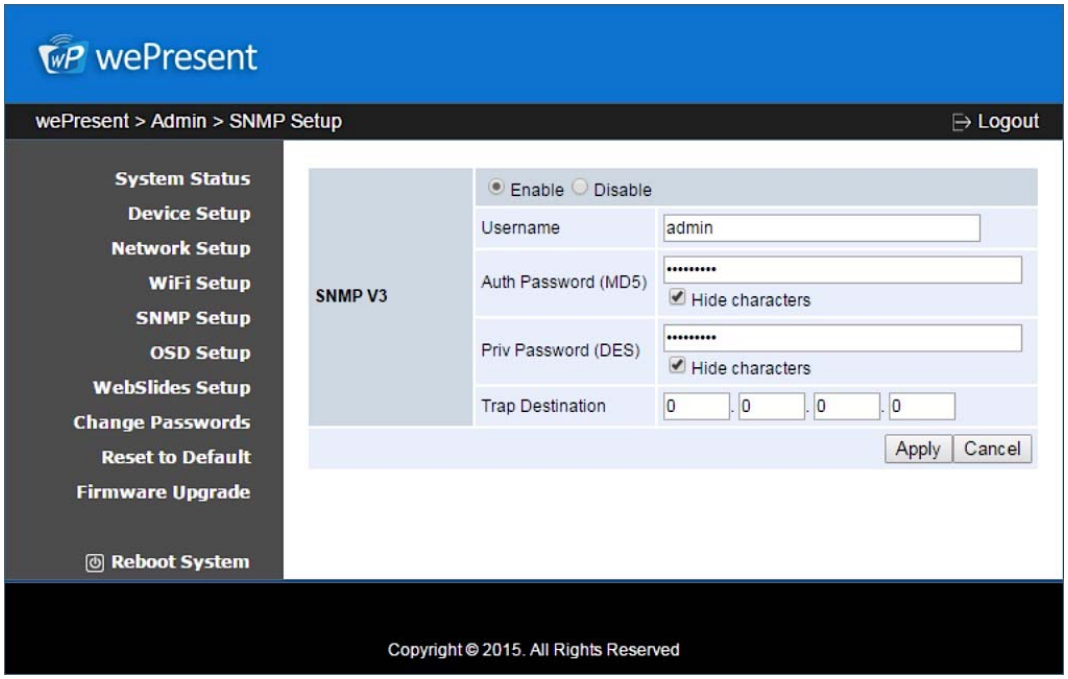
- Enable or disable SNMP V3 service
- User Name: configure the user name to manage this device through SNMP
- Auth Password: configure the Auth password
- Priv Password: configure the Priv password
- Trap IP: configure the trap receiver IP

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

<Cancel>: Press button to abort action.

Note:

Please find the MIB file from wePresent token.



8.9 OSD Setup

1) Click on “OSD Setup” option, you can:

Change Standby Image

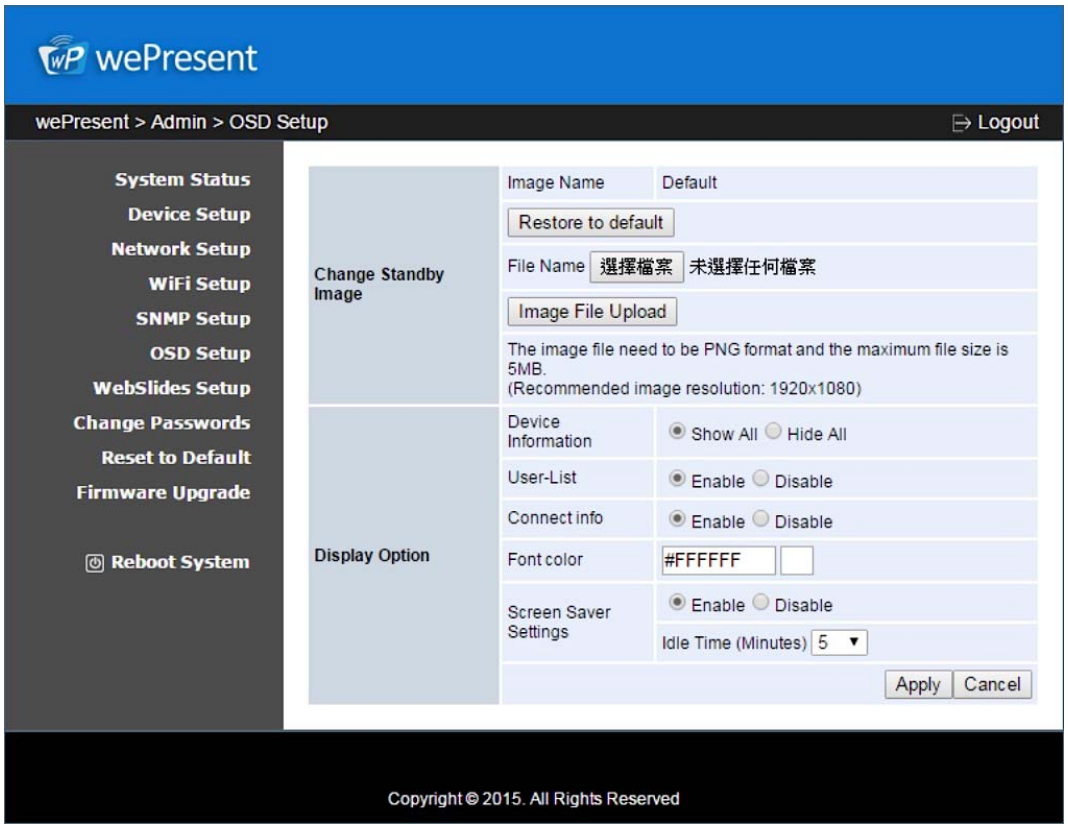
- **<Reset to default>**: Restore to default Logo image.
- **<Image File Upload>**: Enter or browse the file name and upload the customized Image. Please refer to remark on screen when select the file.

You can also adjust the following “Display Option”

- **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 also 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.

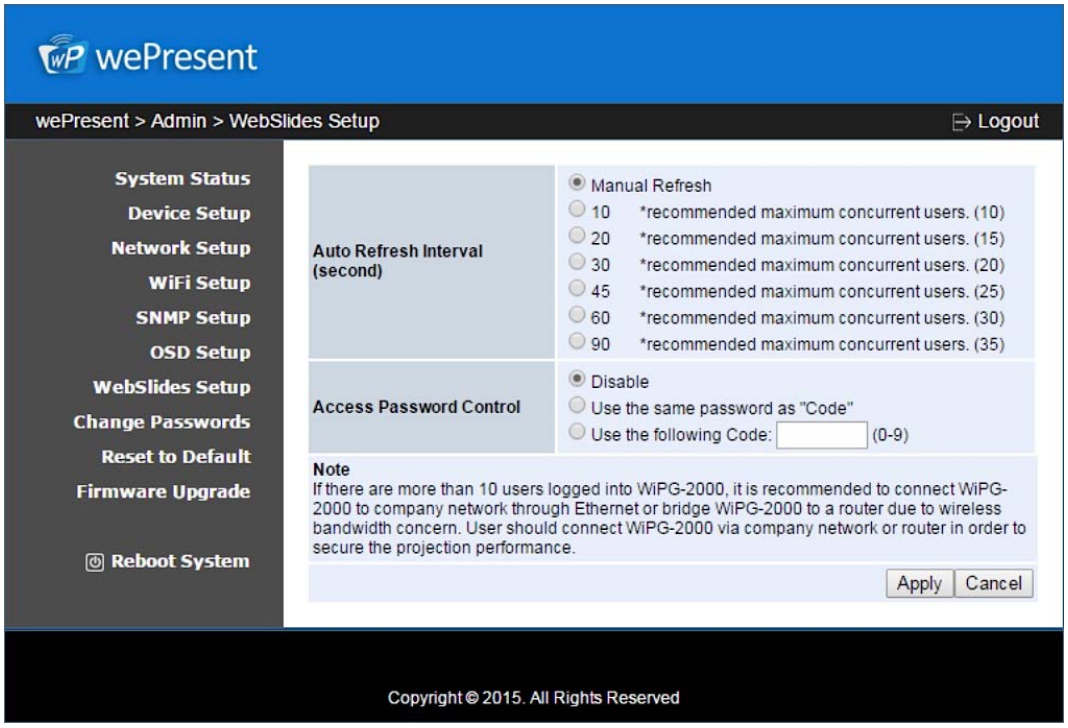


8.10 WebSlides Setup

1) Click on “WebSlides Setup” option, you can:
   Adjust Auto Refresh Interval, or activate “Access Password Control”
   Please pay attention on the note for information.

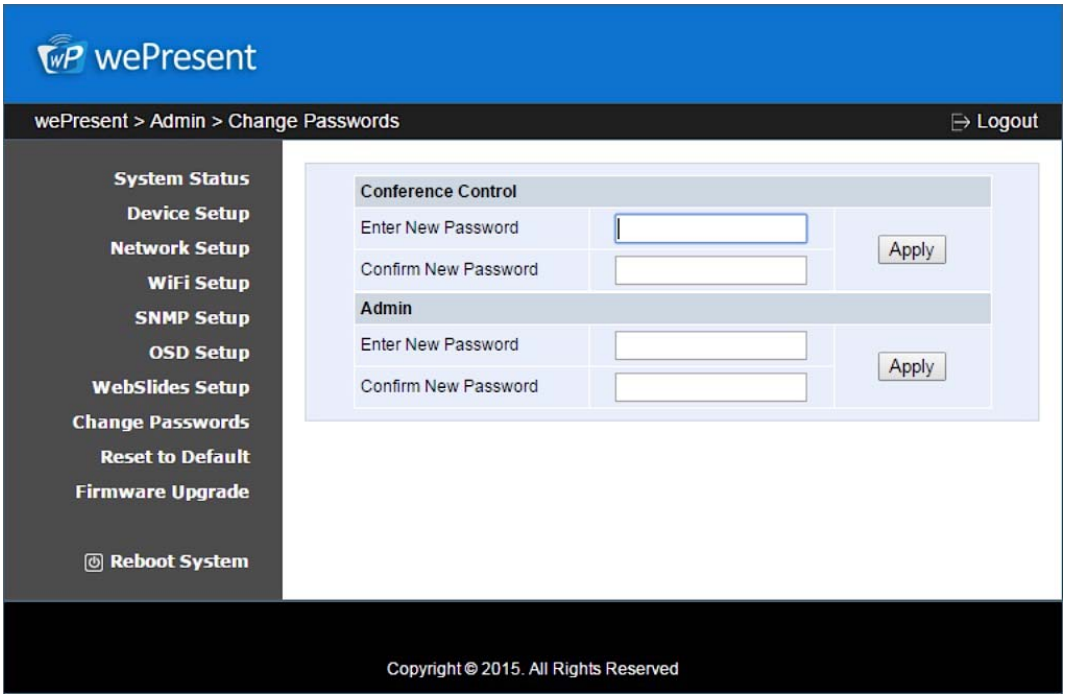
<Apply >: Press “Apply” button after configuration, and follow the reboot instruction when applicable.

<Cancel>: Press button to abort action.



8.11 Change Passwords

1) Click on “Change Password” option, you 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.



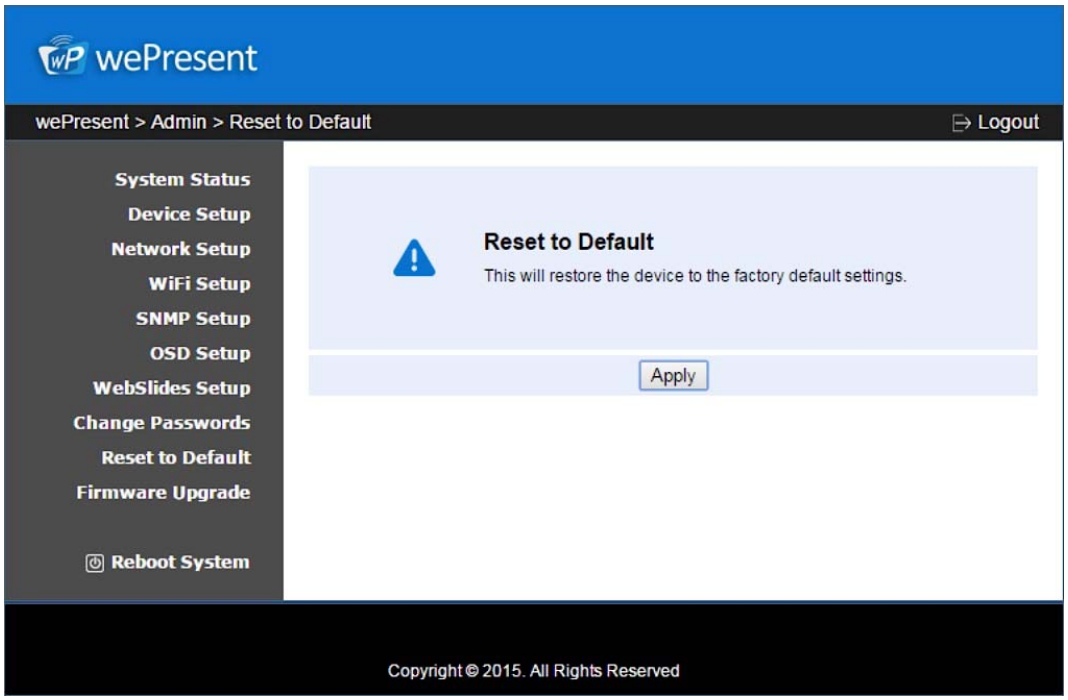
8.12 Reset to Default

1) Click on “Reset to Default” option to restore factory default settings.

<Apply>: Confirm and take action.

***** You can also restore factory default setting from WiPG-1600w box reset button. You can find the reset button underneath the box. Please follow below procedures.**

1. Press **[Reset]** button and **Hold.**
2. Turn on wePresent WiPG-1600w box.
3. Press more than 10 seconds and relief [**Reset**] button.
4. It will take effect to restore factory default settings.



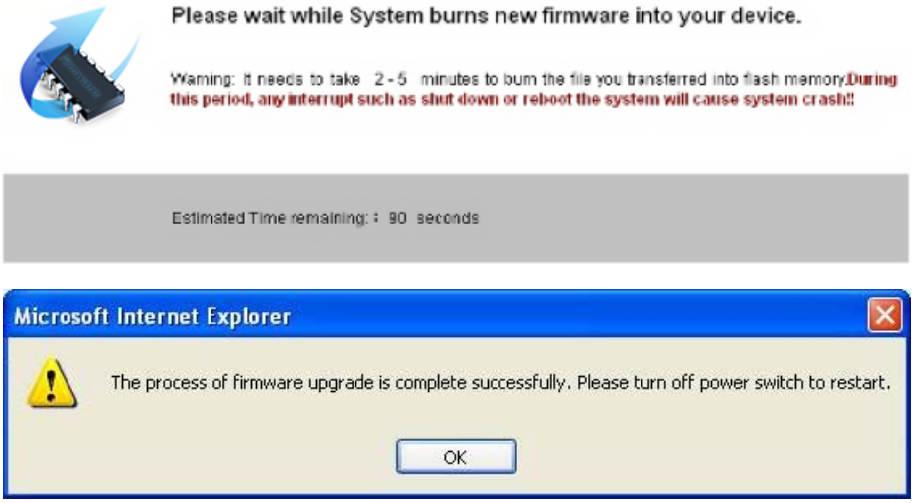
8.13 Firmware Upgrade

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-1600w
3) You can find the firmware version and release date here.
4) Firmware Upgrade
   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 count down counter on the screen.
5. After a few minutes, a complete message shown on the screen.
6. Restart wePresent WiPG-1600w box to take effect.

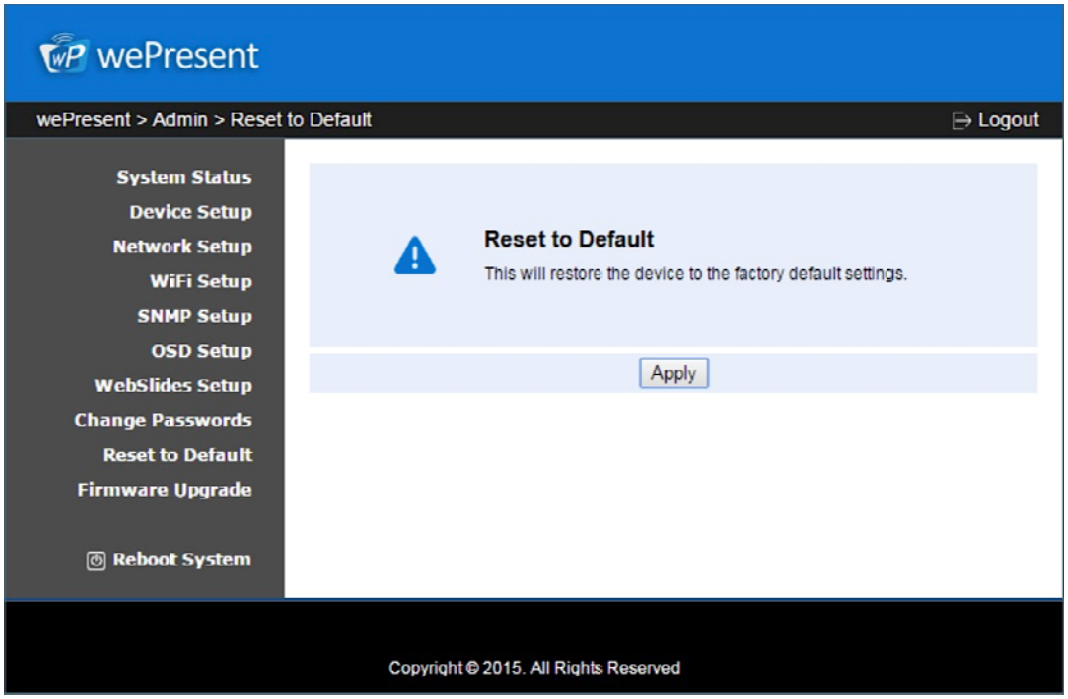


Warning: Don't power off wePresent WiPG-1600w while firmware upgrade in progress, otherwise you will damage your box and have to return device to your vendor for fixing.

8.15 Reboot System

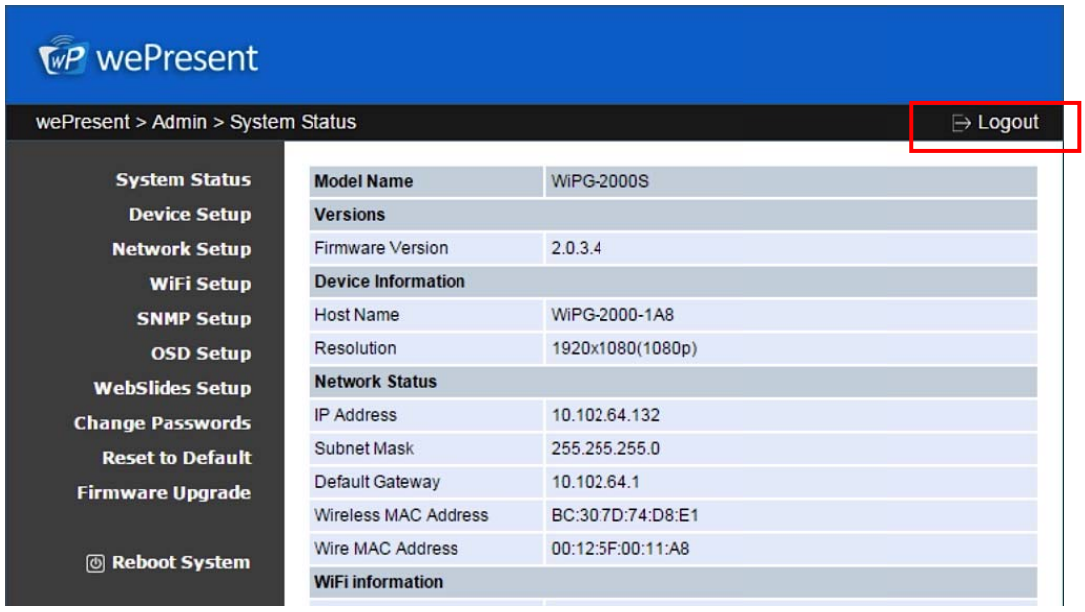
1) Click on “Reboot System” option, you can restart the system

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



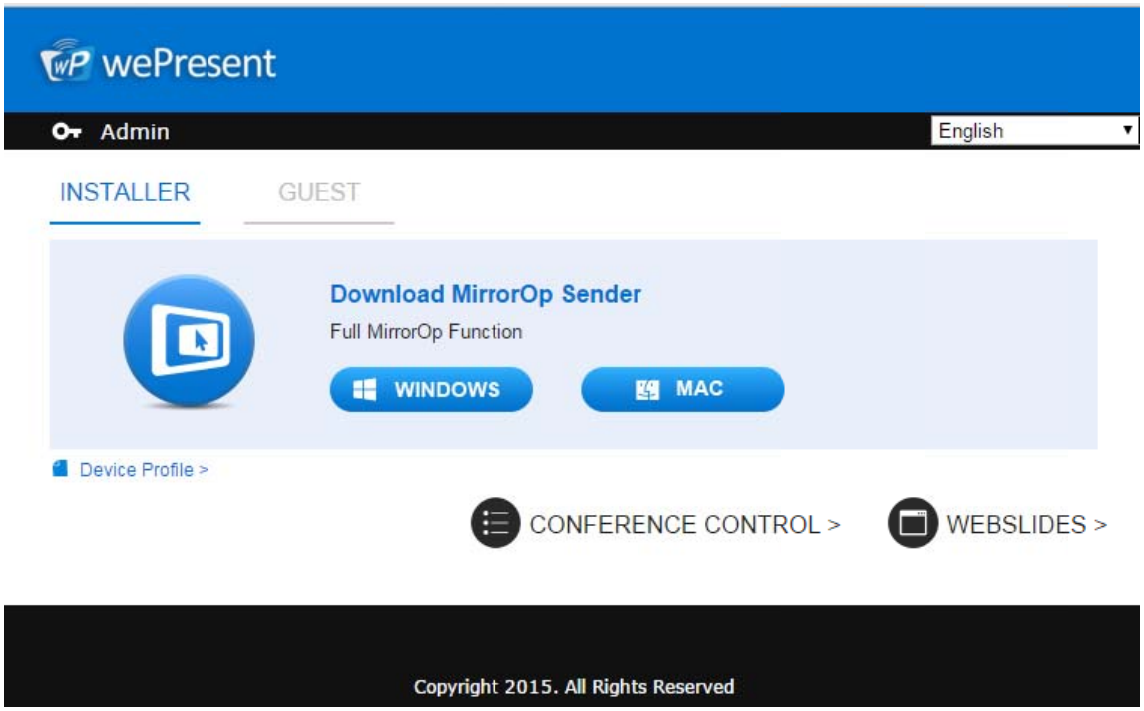
8.16 Logout

1) Click on “logout” on the up right corner, you can logout the administration webpage and return back to the web management front page.



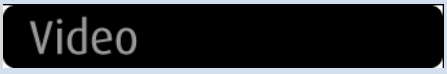
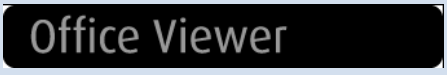
8.17 WebSlides

1) Press the “WebSlides” button to enter the WebSlides page.
2) You would start to receive the projecting screen as shown on wePresent if the presenter enable the WebSlides feature.



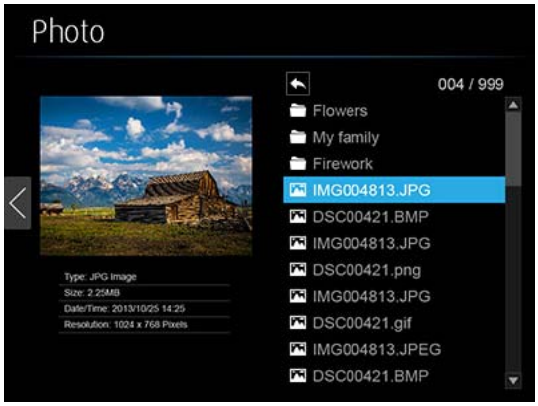
9 USB Player

The USB Player can playback the files stored in the attached USB drive, it can support photo/video/music/office files.

Button	Description
	Switch to Projection mode
	Enter photo viewer function
	Enter video player function
	Enter music player function
	Enter Office Viewer function
	Enter Setup Page

9.1 Photo Viewer

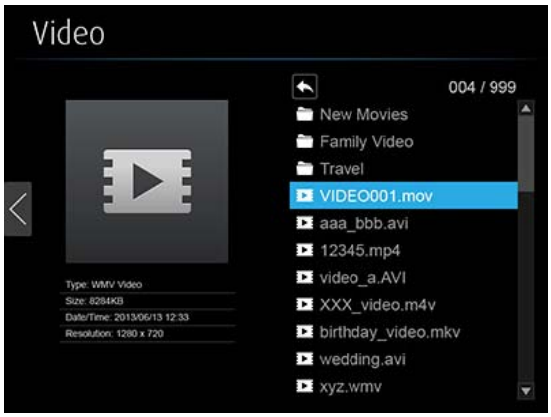
Open the folder and find the photo file to play on the local display.

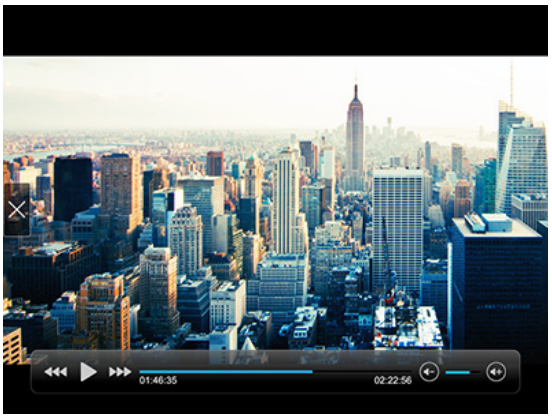


Button	Description
	Exit this file
	Go to previous file
	Start/Pause Slideshow
	Go to next file
	Rotate

9.2 Video Player

Open the folder and find the video file to play on the local display.

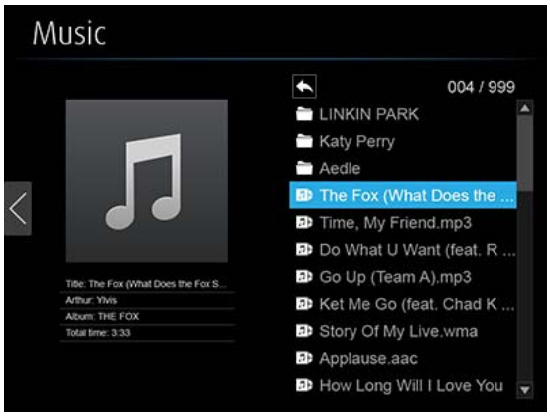




Button	Description
	Exit this file
	Fast-rewind. (2x/4x/8x)
	Play/Pause
	Fast-forward (2x/4x/8x)
	Volume level increase/decrease

9.3 Music Player

Open the folder and find the music file to play on the local display.

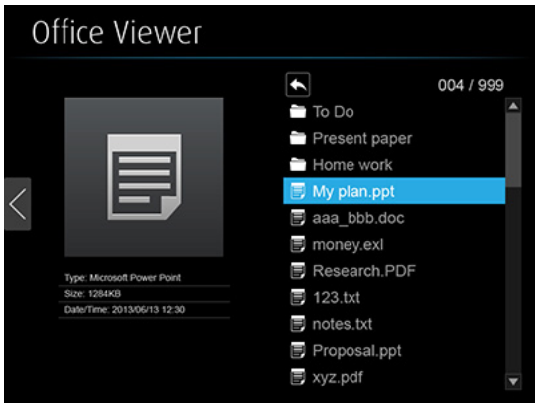


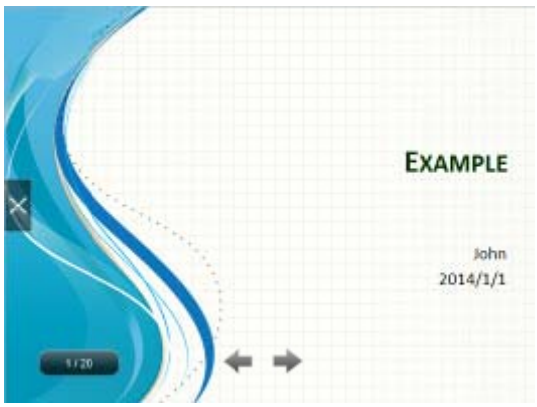
Button	Description
	Exit this file
	Fast-rewind (2x/4x/8x)
	Go to previous file
	Play/Pause
	Go to next file
	Fast-forward (2x/4x/8x)
	Volume level increase/decrease
	Repeat All files/Repeat Single File

	Shuffle

9.4 Office Viewer

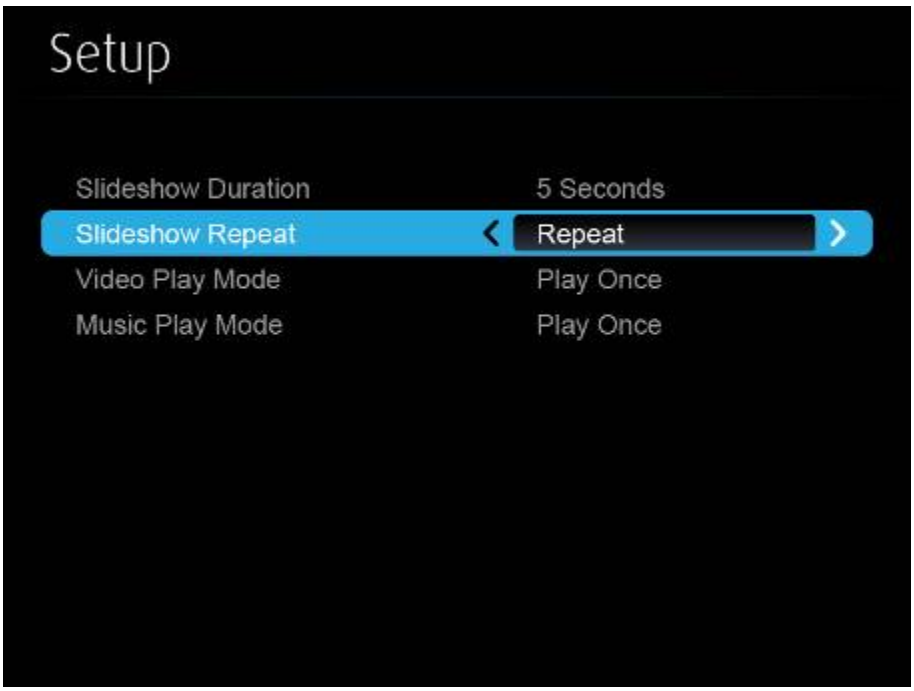
Open the folder and find the document file to play on the local display.





Button	Description
	Exit this file
	Go to previous page
	Go to next page

9.5 Setup



Items	Description
Slide Show Duration	5/10/20/30 seconds
Slide Show Repeat	Repeat on/off
Video Play mode	Repeat on/off
Music Play mode	Repeat single file, Repeat all files

Note:

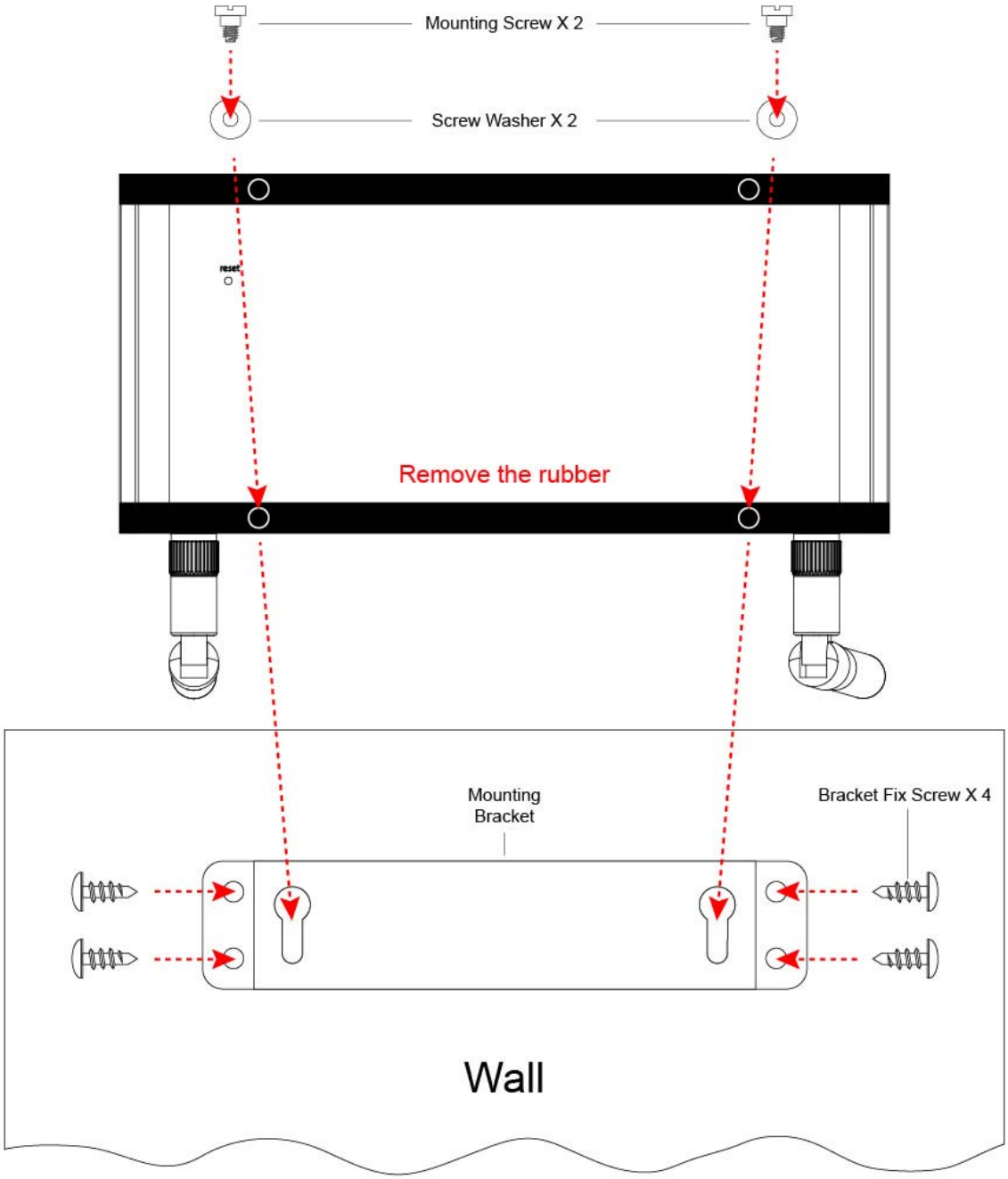
Item:	Value
Supported File Format	MPEG-1 / MPEG-2 / MPEG-2 TS / MPEG-4 / MWV9 / MOV / Motion JPEG / MKV / ASF / DVR-M5
Supported Video Codec	MPEG-1 / MPEG-2 / MPEG-2 TS / MPEG-4* / WMV9** / QuickTime / Motion JPEG * Microsoft MPEG-4 v1-3 is not supported. ** Only WMV3/WVC1 is supported.
Supported Audio Codec	LPCM / AAC / MP3 / WMA
Supported Office File	Word, Excel, PowerPoint(up to Office 2010), Pdf. Details: http://www.awindinc.com/WiFi-Doc/format.html

* All formats support up to 1920x1080, 30fps, and 20Mbps.

* These file formats might include video and audio codecs which are not supported.

10 Wall Mount

1) Please remove the rubber from the bottom side
2) Put the mounting screw on wePresent device
3) Put the mounting bracket on the wall with the screw



11 Safety

FCC

Federal Communications Commission (FCC) Statement
15.105(b)

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 or more 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.

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

5150-5250MHz

FCC RF Radiation Exposure Statement: This device is capable of operating in 802.11an mode. For 802.11an devices operating in the frequency range of 5.15 - 5.25 GHz, they are restricted for indoor operations to reduce any potential harmful interference for Mobile Satellite Services (MSS) in the US. WIFI Access Points that are capable of allowing your device to operate in 802.11an mode (5 .15 - 5.25 GHz band) are optimized for indoor use only. If your WIFI network is capable of operating in this mode, please restrict your WIFI use indoors to not violate federal regulations to protect Mobile Satellite Services.

Canada

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement:
The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Informations concernant l'exposition aux fréquences radio (RF)
Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé. Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

The device shall automatically discontinue transmission in cases of absence of information to transmit, or operational failure.
Note that this is not intended to prohibit transmission of control or signalling information or the use of repetitive codes where required by the technology.

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
This device is restricted to indoor use.

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

CAN ICES-3 (B)/NMB-3(B)

The Country Code Selection feature is disabled for products marketed in the US/Canada.

NCC 警語

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

限於室內使用。

無線資訊傳輸設備須忍受合法通信之干擾且不得干擾合法通信；如造成干擾，應立即停用，俟無干擾之虞，始得繼續使用。

無線資訊傳輸設備的製造廠商應確保頻率穩定性，如依製造廠商使用手冊上所述正常操作，發射的信號應維持於操作頻帶中。

MPE 警語

本產品使用時建議至少距離人體20cm. 電磁波曝露量MPE標準值1mW/cm2，送測產品實測值為：0.027 mW/cm2

CE

2.4GHz: 802.11b, 802.11g, 802.11n (HT20), 802.11n (HT40)

5GHz: 802.11a

The frequency, mode and the maximum transmitted power in EU are listed below:

2400 MHz – 2483.5 MHz: dBm (EIRP)

5150 MHz – 5250 MHz: dBm (EIRP)

The minimum distance between the user and/or any bystander and the radiating structure of the transmitter is 20cm.

PLUGGABLE EQUIPMENT, the socket-outlet shall be installed near the equipment and shall be easily

Requirements in AT/BE/BG/CZ/DK/EE/FR/DE/IS/IE/IT/EL/ES/CY/LV/LI/LT/LU/HU/MT/NL/NO/PL/PT/RO/SI/SK/TR/FI/SE/CH/UK/HR, 5150-5350MHz for Only indoor use