PLANET Networking & Communication

*Pioneer of IP Innovation*

# Wireless *Interactive* Presentation Gateway

## WIPG-300H

Wireless AP | 802.11n | HDMI | USB | Android / iOS | 1080 FULL HD

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# Product Outlines

- Product Overview
- Product Benefits
- Product Features
- Applications
- Appendix

# Product Quick Glance

| WIPG-300H vs. WPG-210N | WIPG-300H | WPG-210N |
|---|---|---|
| Output Resolution | 1080p (HDMI 1.4b) | 720p (HDMI 1.2) |
| UoIP (for IWB) | ✓ | |
| Mobile Apps & Interactive Feature | WiFi Doc<br>MirrorOP<br>SidePad<br>WebSlides | WiFi Doc |
| User List in Standby Mode | ✓ | |

* Jailbreak or Root required

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# Product Overview

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# Product Overview

- **Multi-function in 1**

**Wireless Presentation**

**Wireless Access Point**

**Multimedia Streaming Player**

**Wi-Fi Repeater**

# Product Overview

- **Wireless Interactive Presentation Gateway (WIPG)**
  - ✓ Connect **Laptop** / **Smartphone** / **Tablet** to Projector or LCD TV Wirelessly

# Product Overview

## Front Panel

- ✓ **Dimensions: 150 x 59 x 25 mm (W x D x H)**
- ✓ **Weight: 243g**

**Power LED**

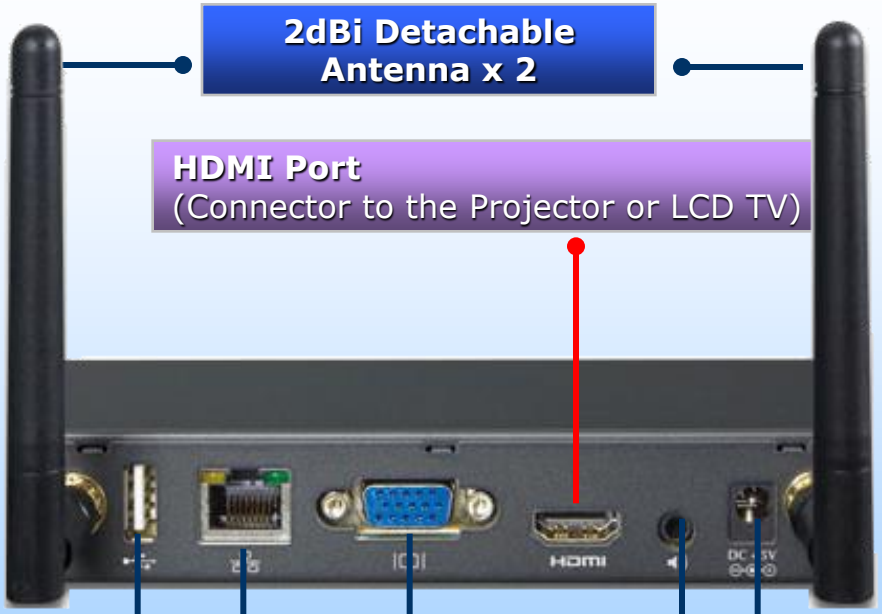
**2 x USB 2.0 Port**

For USB ***Keyboard, mouse*** or ***presenter***

**WIPG-300H**

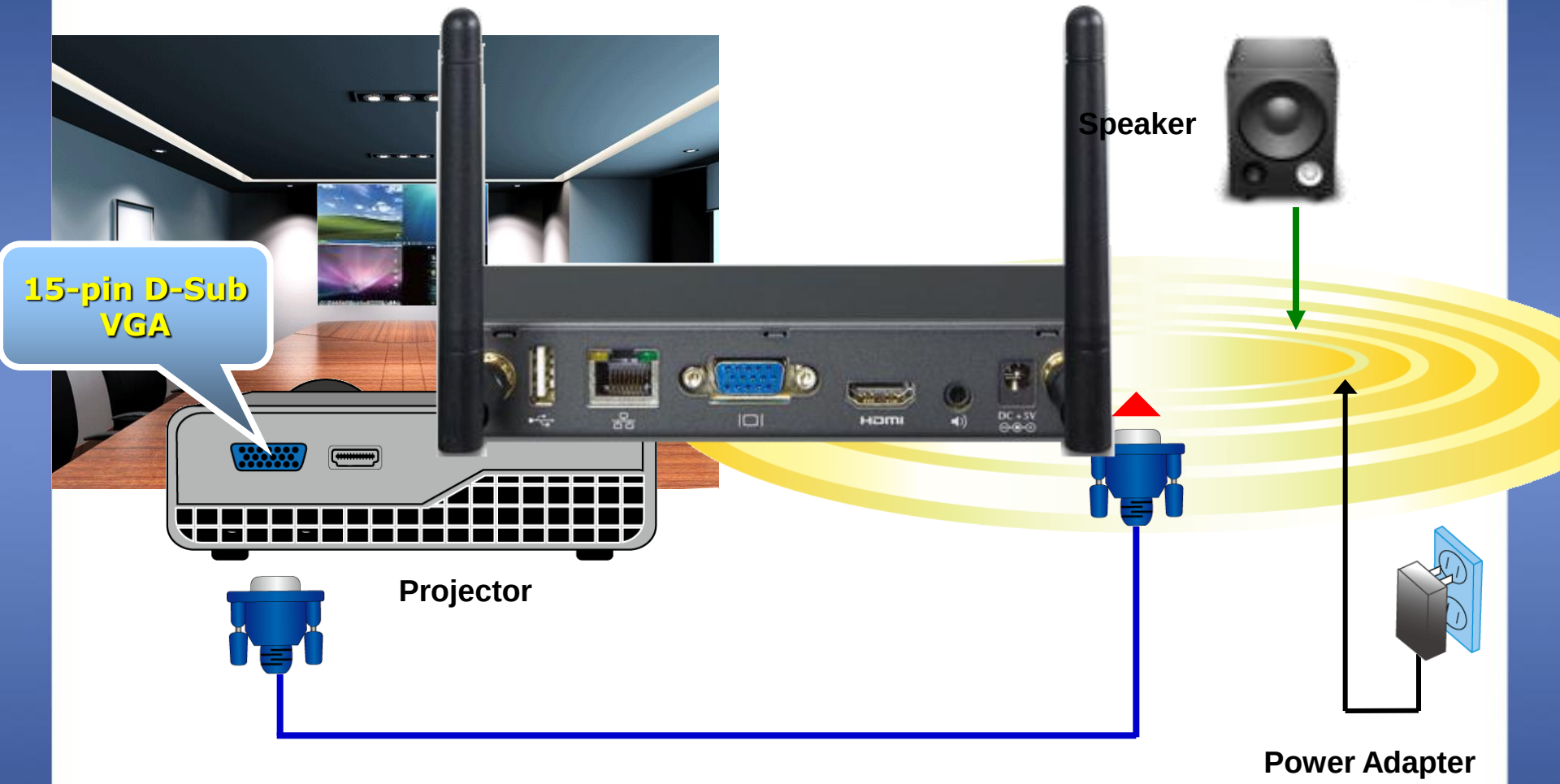
# Product Overview

## Device Connectors



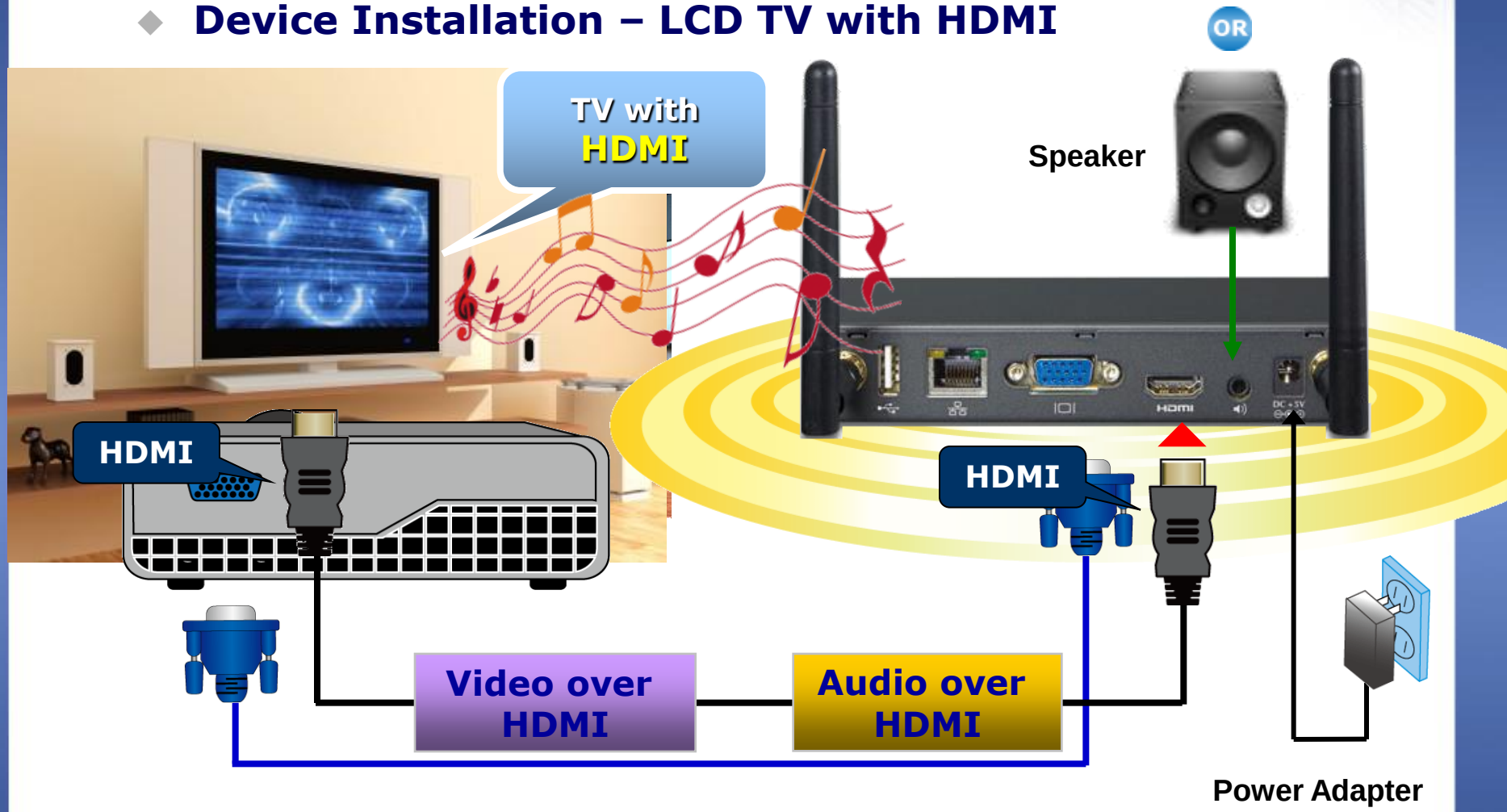
# Product Overview

- **Device Installation – Projector with VGA Connector**

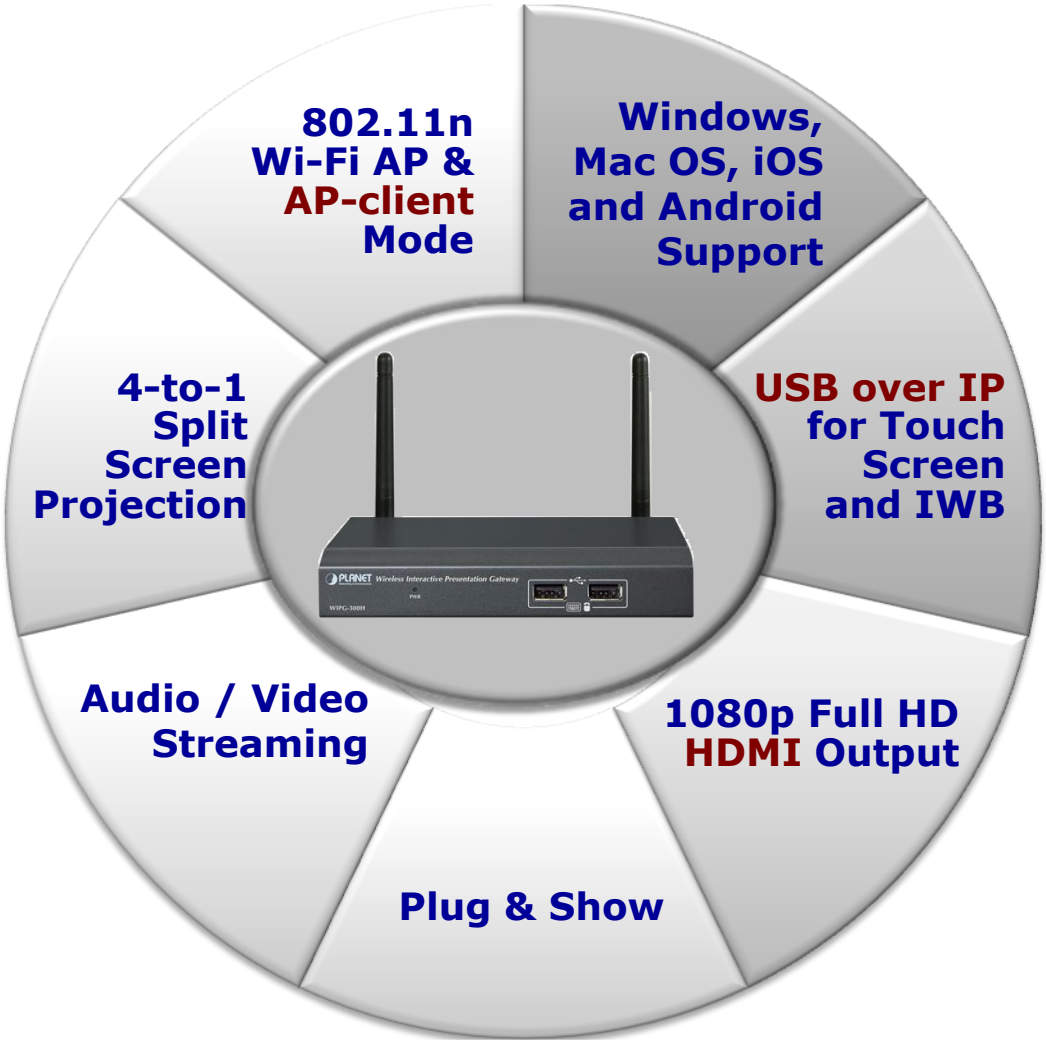


# Product Overview

- **Device Installation – LCD TV with HDMI**



# Key Features



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# Product Benefits

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# Product Benefits

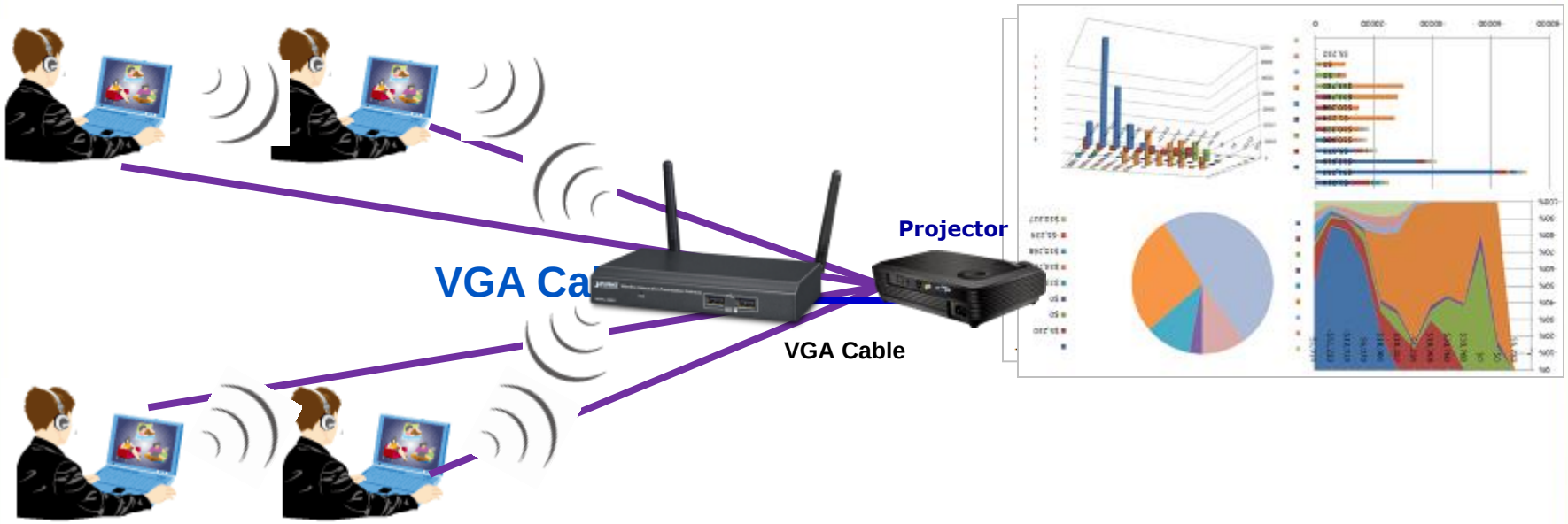
- No more bulky cables
- Saves much time during presentation
- Plug & Show USB Token
- 4-to-1 Split Screen Projection

# Product Benefits

## Why should we use the WIPG-300H?

- **Without WIPG-300H**
- **With WIPG-300H –** No bulky wired cable and simultaneous 4-to-1 Split Screen Projection
  - **Waste time in re-wiring**
  - **Waste time in VGA setting**
  - **Waste cost in VGA cabling that may cause connector abrasion and look bad**

And more!



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# Product Features

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# Product Features

- Multiple OS support
- 4-to-1 Split Screen Projection
- VGA / 1080p HDMI output
- 802.11n Wi-Fi AP and AP-client mode
- Web Browser Management
- Audio / Video Streaming
- Plug & Show

# Product Features

## Remote Desktop Control

*Freely remote control presenter* ***Client_1***

***USB Keyboard / Mouse***
*Connected*

1

# Product Features

- **Remote Desktop Control**

# Product Features – Plug and Show

*Obtain the **WIPG Utility** from **Web UI** and Start Presentation*

***Download** and **Install** WIPG Client Utility from WIPG-300H*

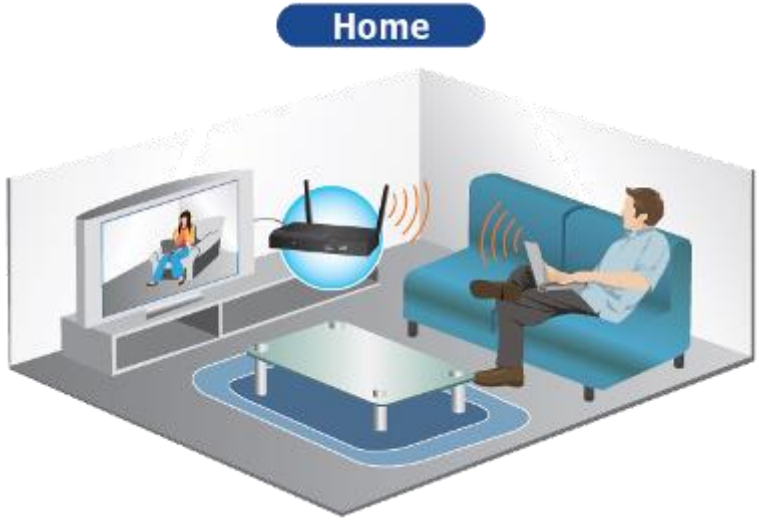
OR

*Insert the **WIPG USB Token** and Start Presentation*

***Run** WIPG Client Utility from USB Dongle*

# Product Features

- **Windows XP / Vista / 7 / 8, Mac OS, iOS and Android support**
- **Multiple Users Access**
- **Compact size for easy placement**



# Product Features

- **Multiple OS / Mobile Device Wireless Projection**

| Operating System | Windows | Mac | iOS | ANDROID |
|---|---|---|---|---|
| Screen Projection (Game, Video, etc.) | ✓ | ✓ | ✓ * | ✓ * |
| Document (DOC, PDF) | ✓ | ✓ | ✓ | ✓ |
| Power Point | ✓ | ✓ | ✓ | ✓ |
| Photo View | ✓ | ✓ | ✓ | ✓ |

* Jailbreak or Root required

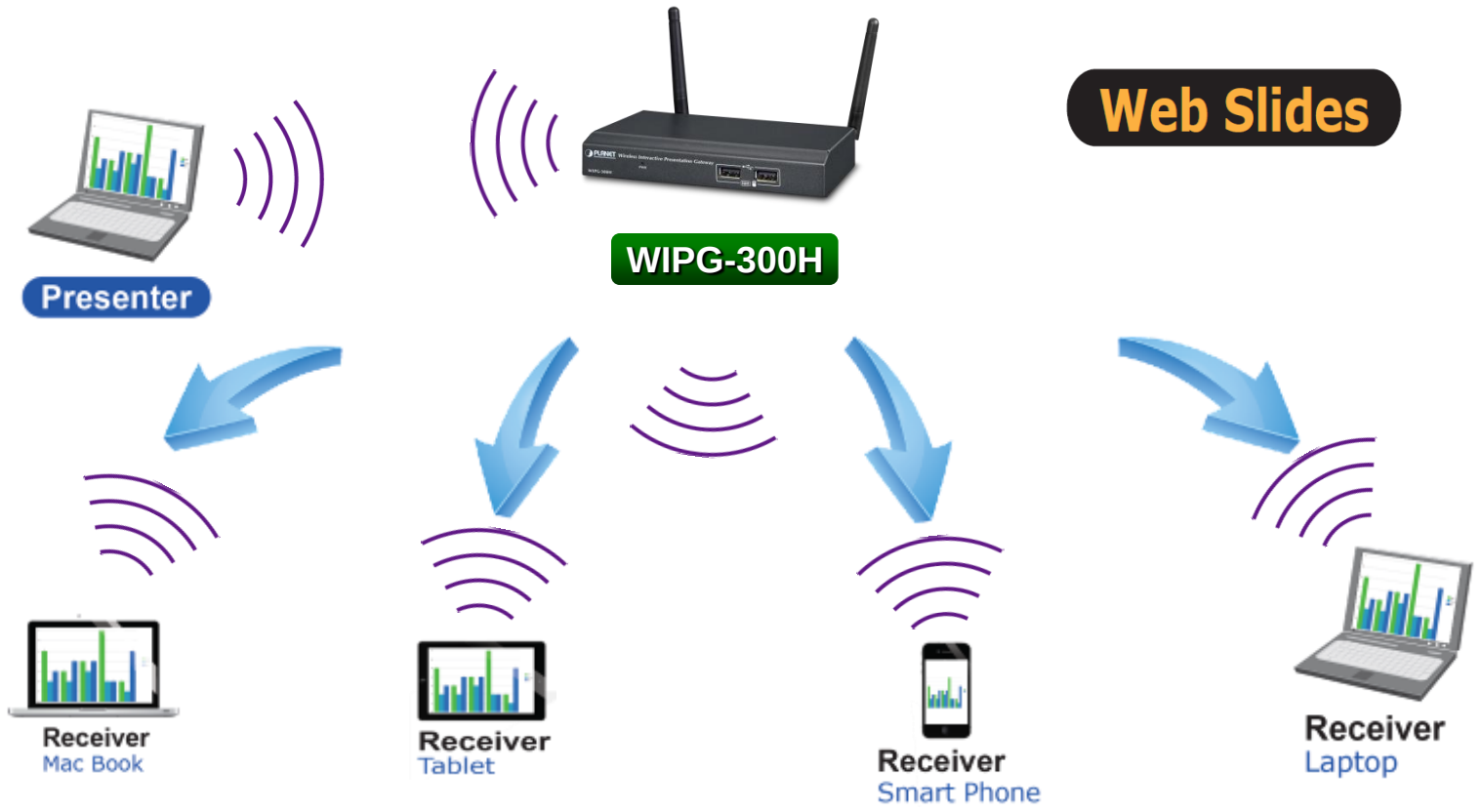
# Product Features – SidePad

- **Reverse control your presentation by mobile device**

Remotely control your laptop with your mobile device when projecting

# Product Features – WebSlides

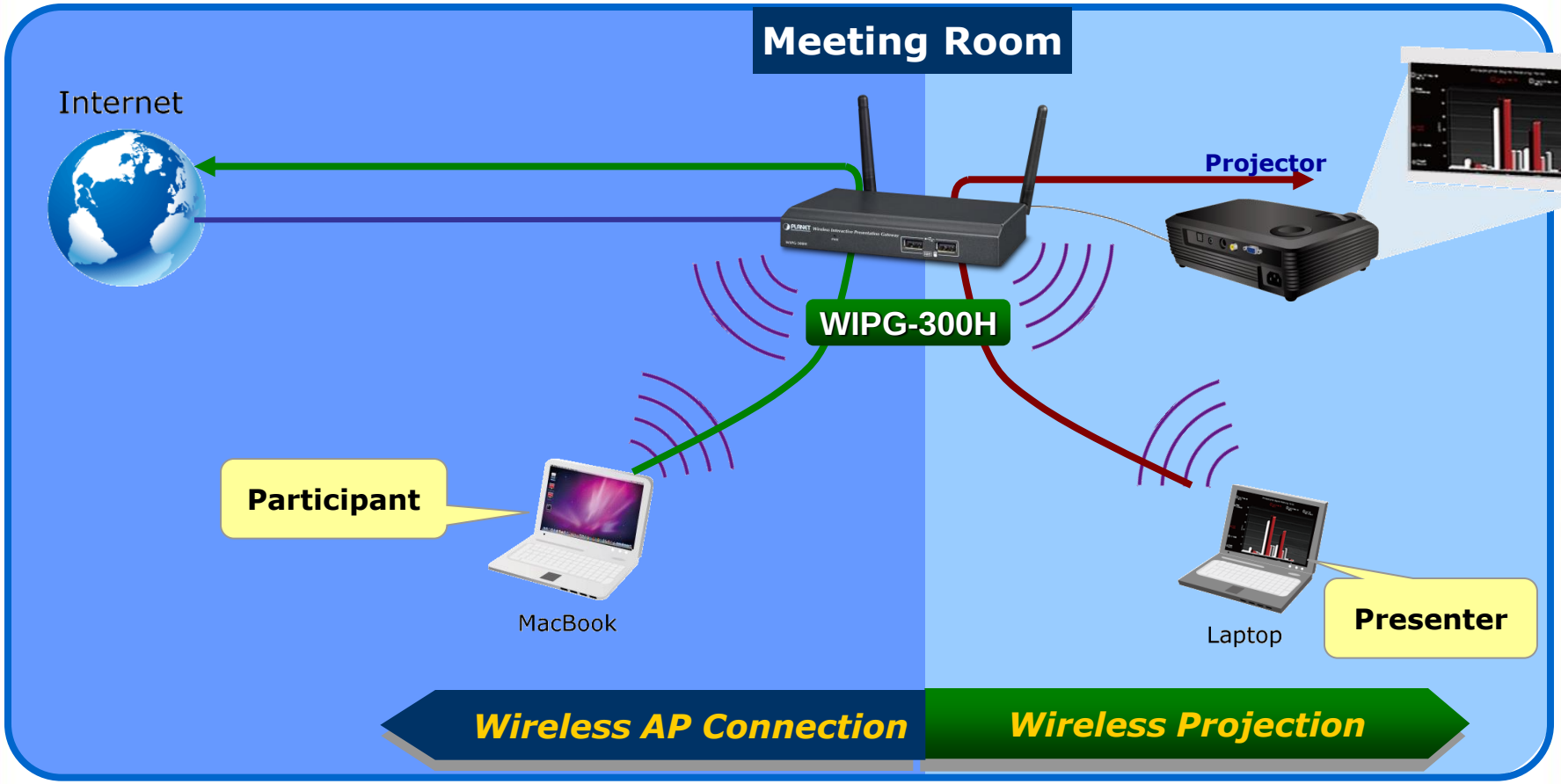
- **WebSlides makes simultaneous users easy to save slides**




Open your web browser and view presentation slides on your devices

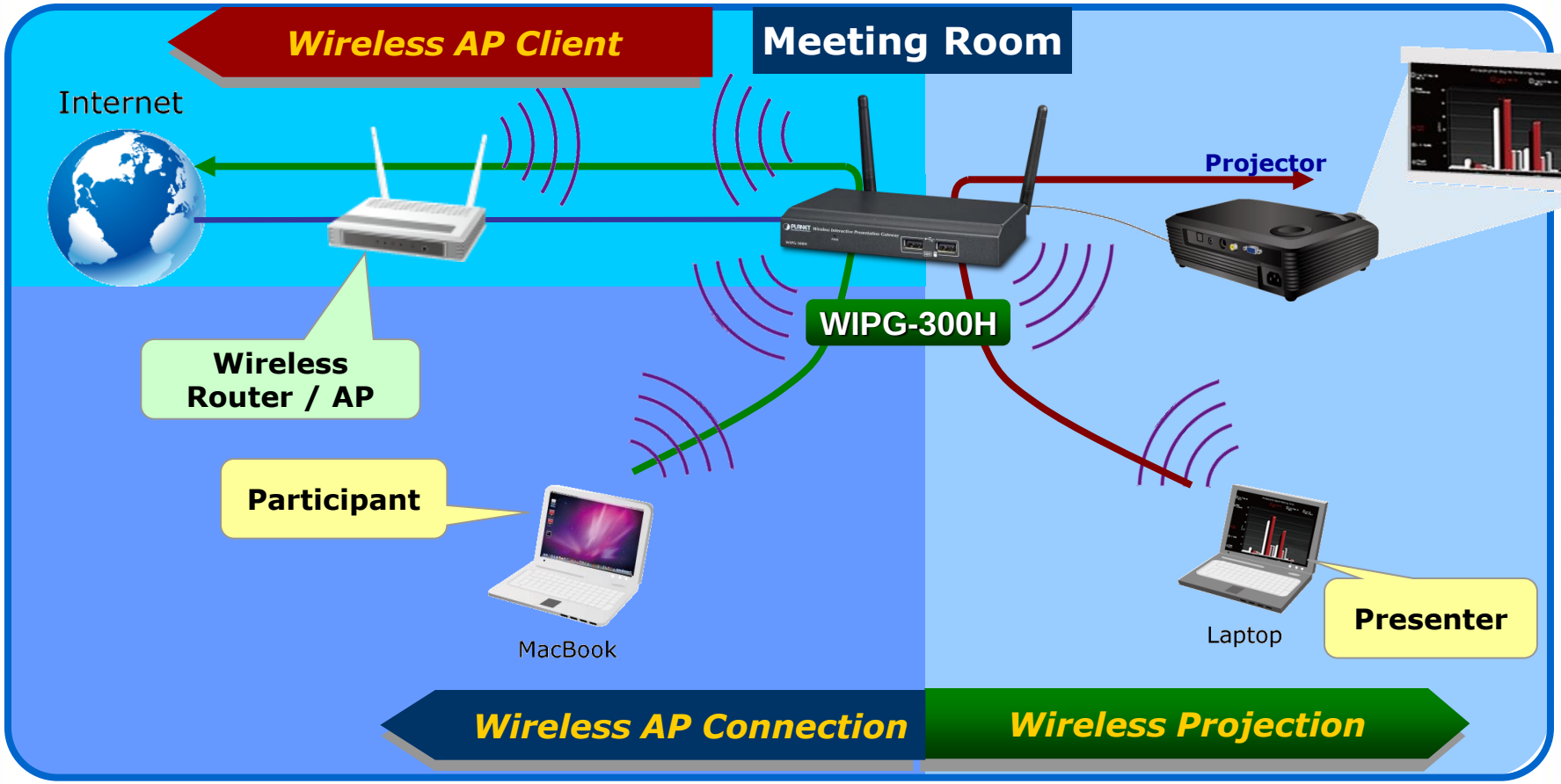
# Product Features

- **802.11n Wi-Fi Access Point Mode**



# Product Features

- **802.11n Wi-Fi AP-client Mode**



# Product Features - Management UI

- **The Default Projector Screen which shows the basic information of WIPG-300H**

**Login Code:**
**Only the users in this meeting room are permitted.**

**QR Code for mobile devices**

**Basic connection information for users to follow through as to giving presentation.**

# Management UI

- **The Homepage of WIPG-300H**

Download WIPG utility from web UI

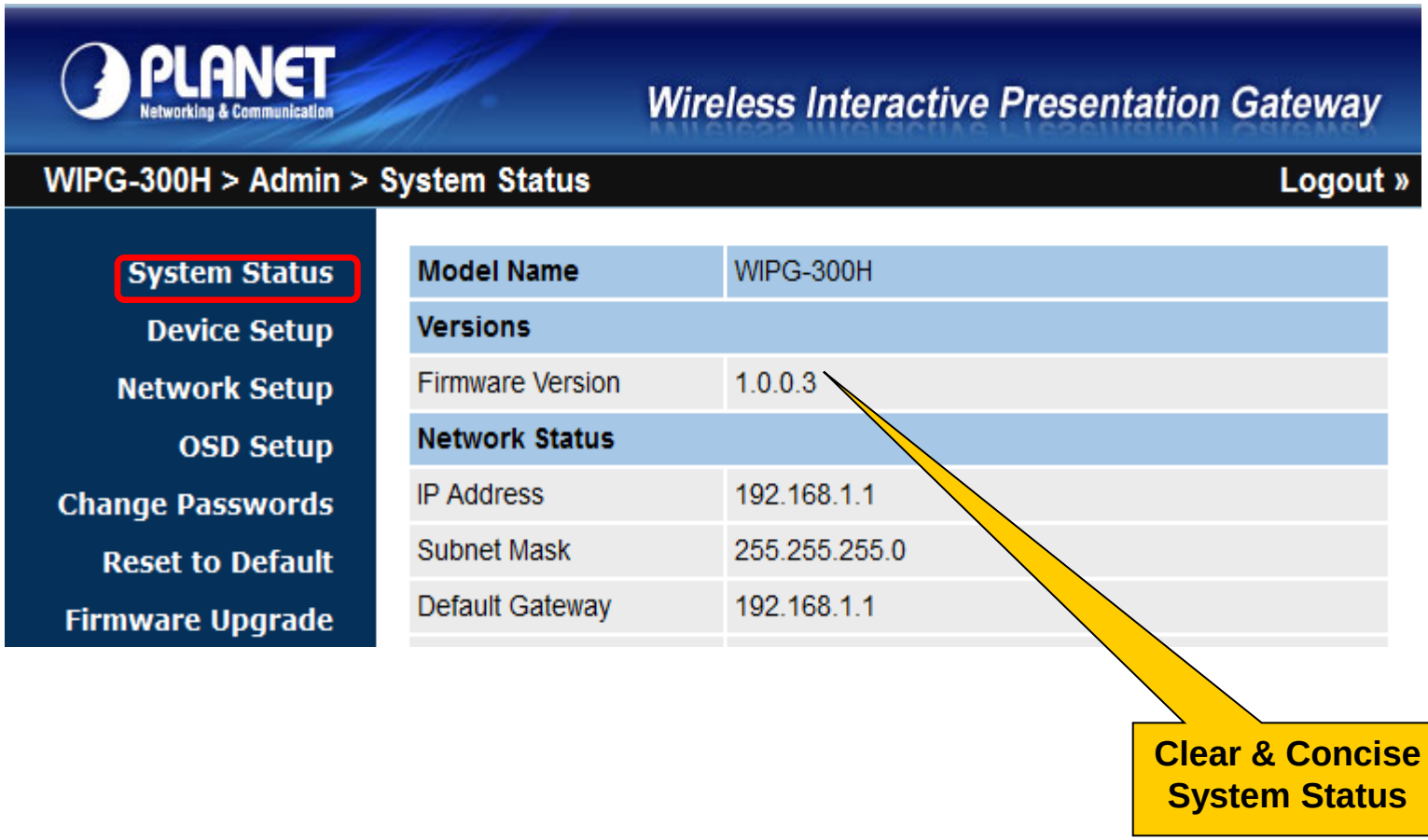
Control the presentation in the meeting

Enter into the configuration page of WIPG-300H

Webslides feature makes simultaneous users easy to save slides

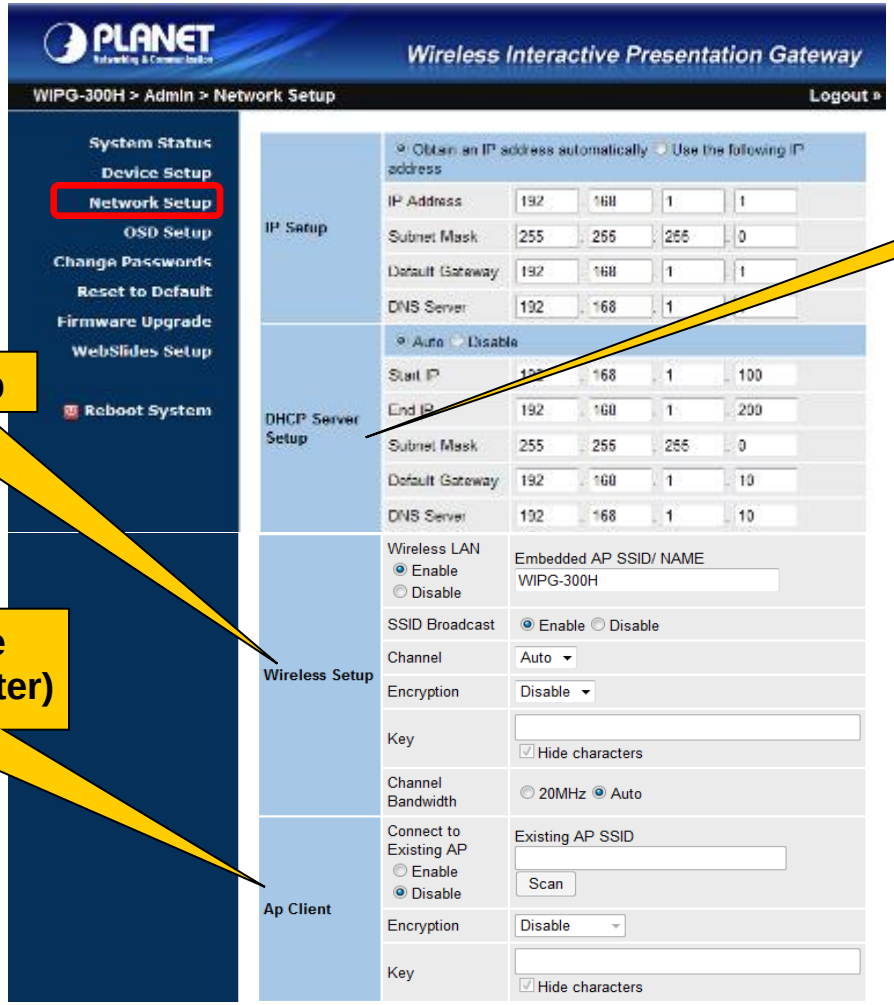
# Management UI

## Web UI – Main Page



# Management UI

## Web UI - Network Environment Setup



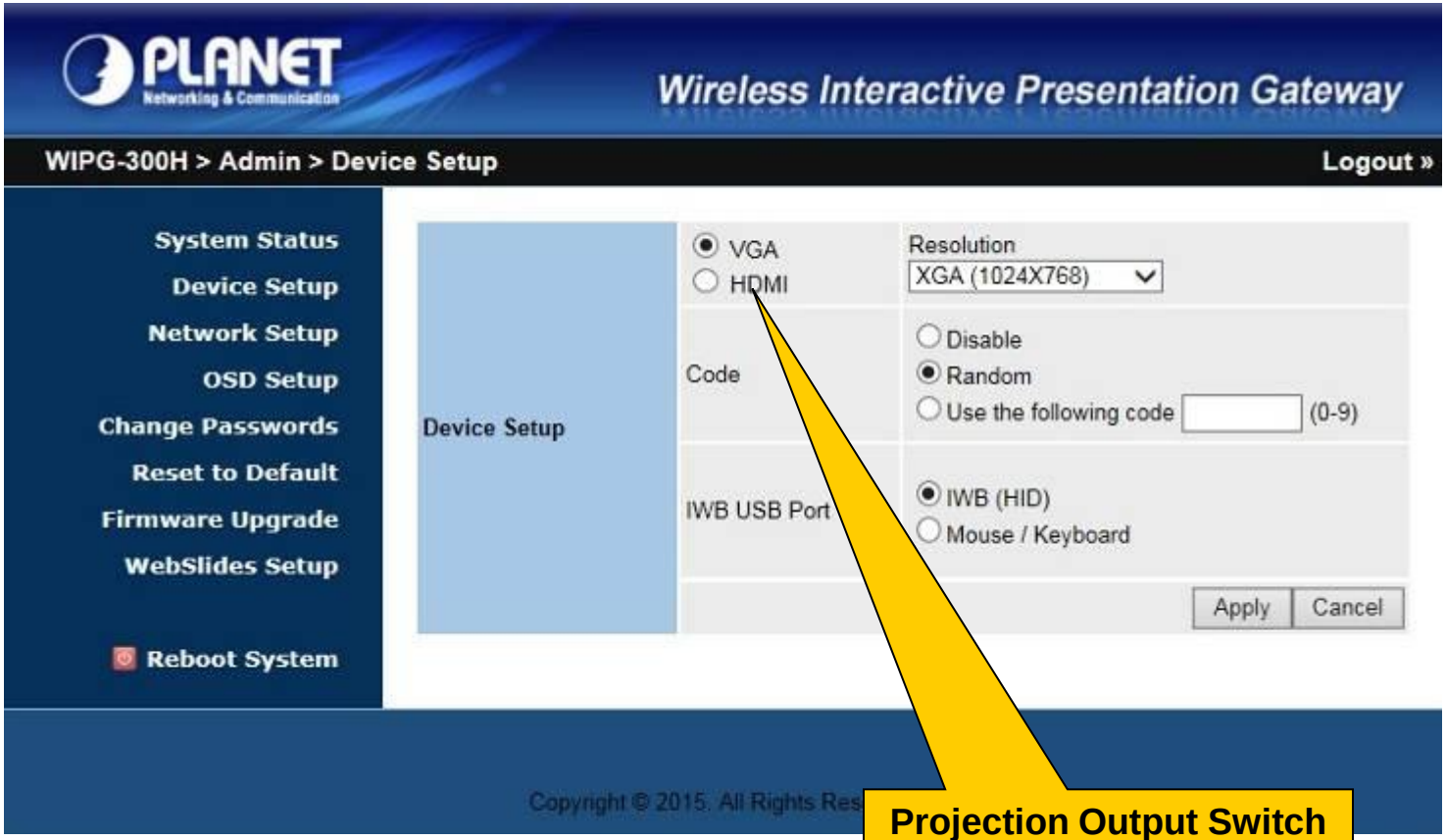

DHCP Server

Wireless Setup

AP Client Mode
(Universal Repeater)

# Management UI

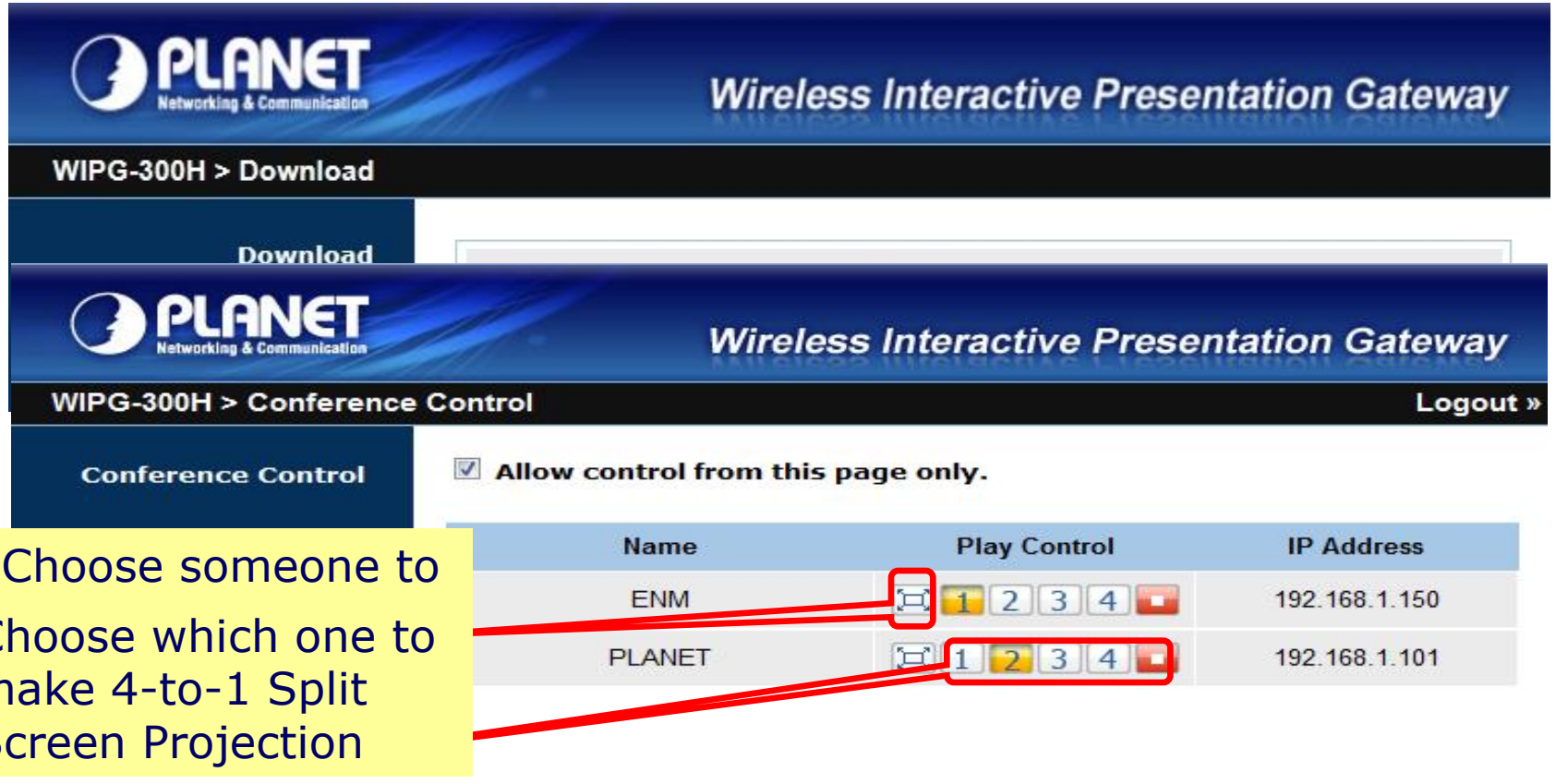
## Web UI – Projection Setup



# Product Features

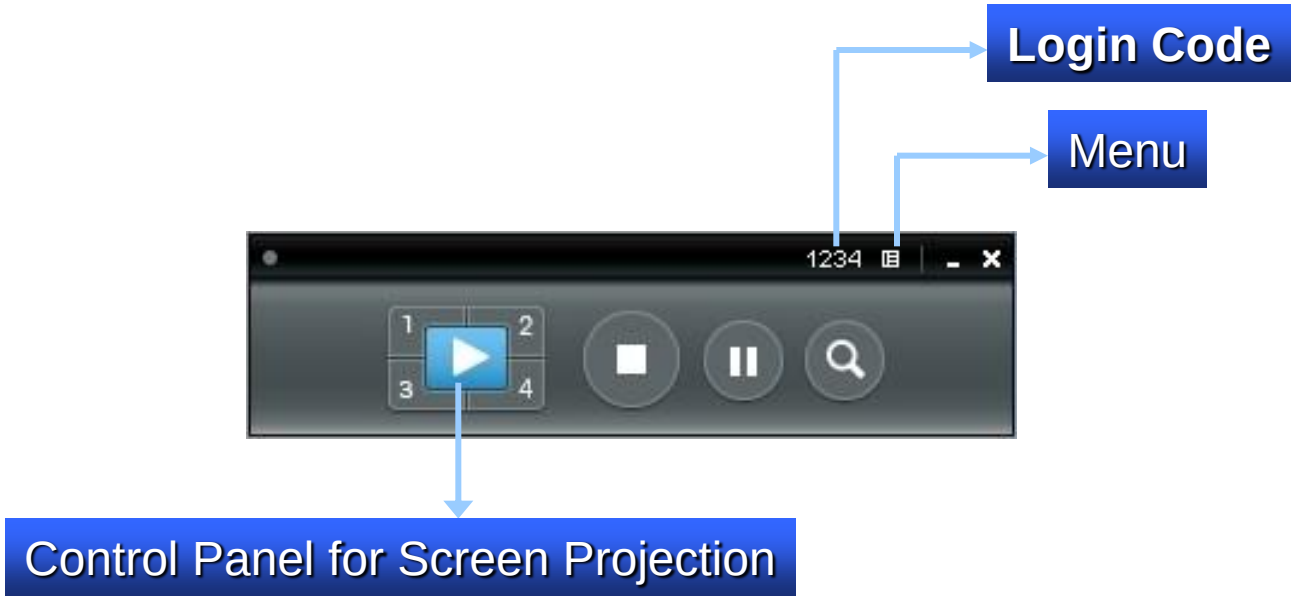
## WIPG Utility

- ✓ **After the participants of the conference have logged in to WIPG-300H via WIPG, the speaker can control whose screen to be projected through web UI.**



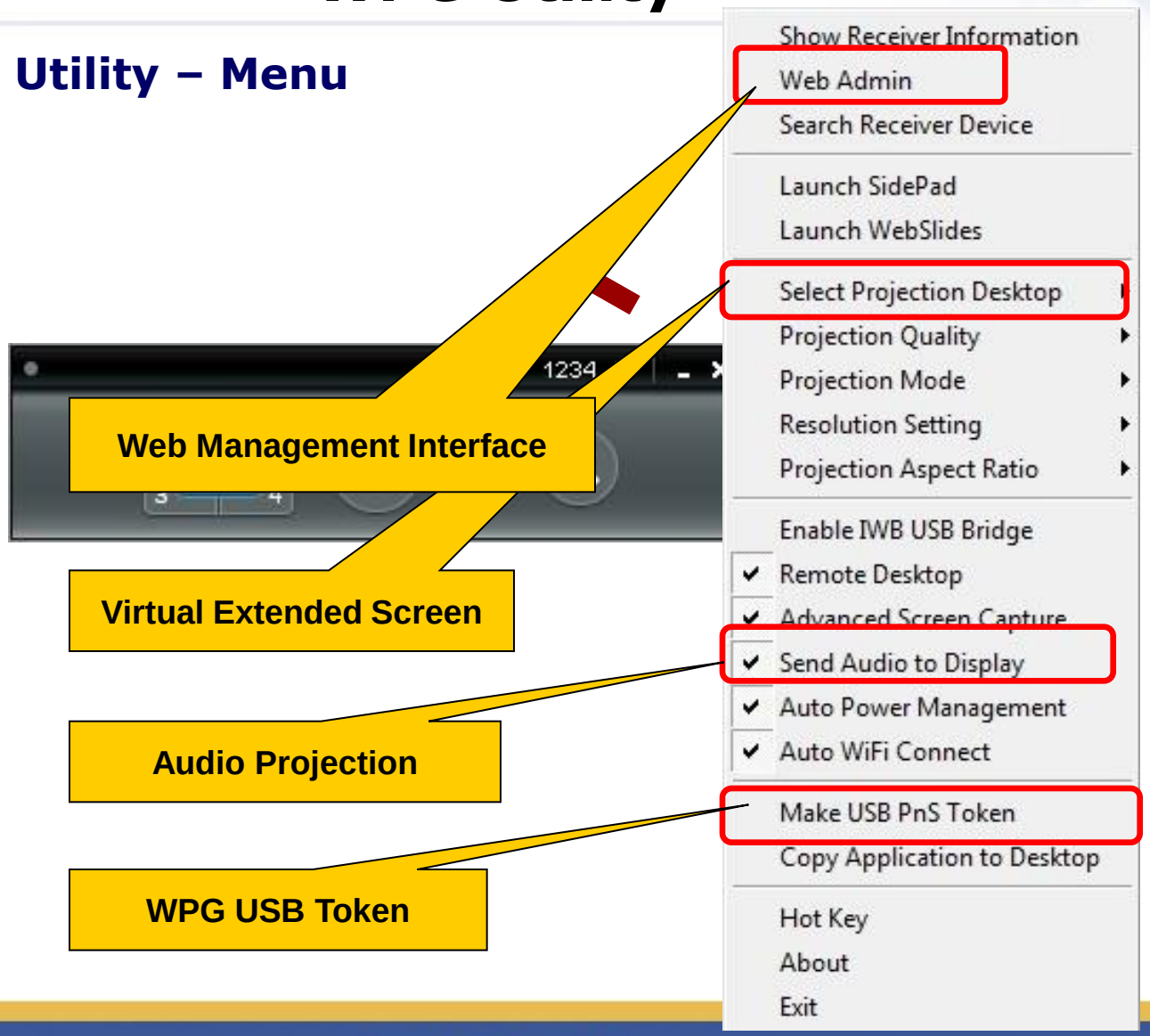
# Product Features - WIPG Utility

## WIPG Utility – Main Control Panel



# WPG Utility

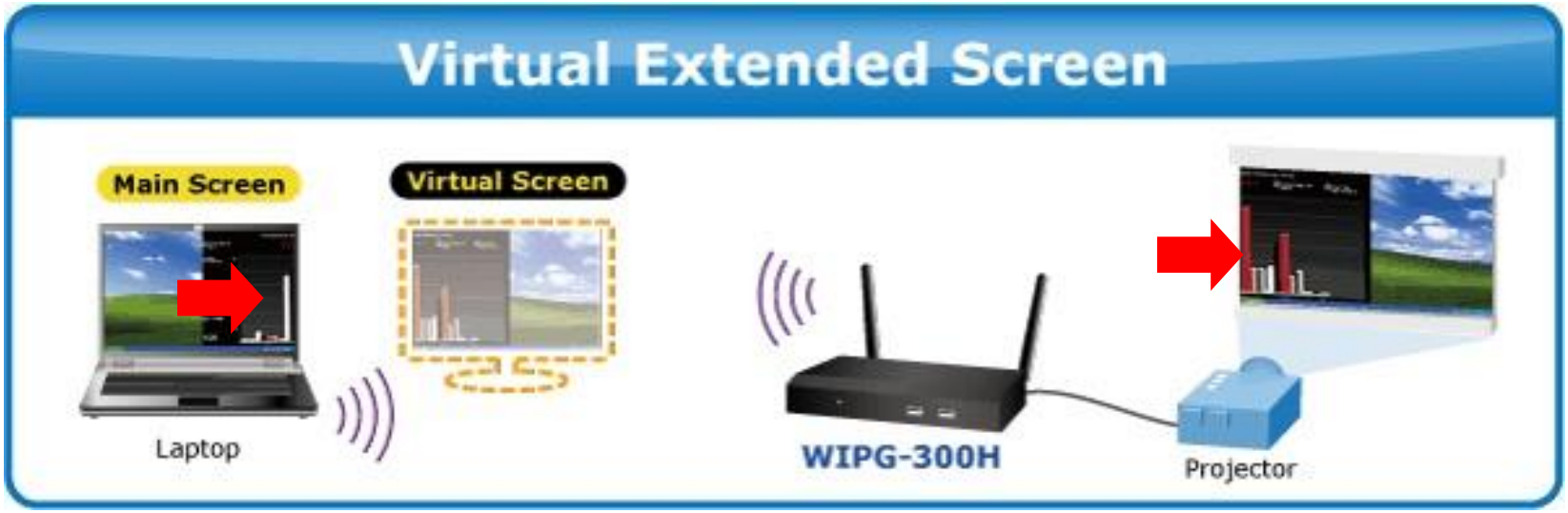
## WPG Utility – Menu



# WIPG Utility

## WIPG Utility – Virtual Extended Screen

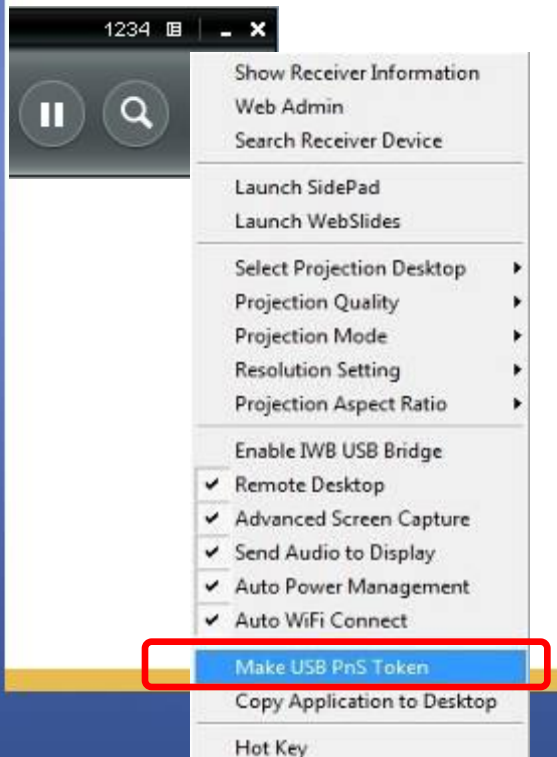
- ✓ Via the Virtual Extended Screen function, you can have the other second virtual screen to be projected.
- ✓ The main screen will be invisible for other people.

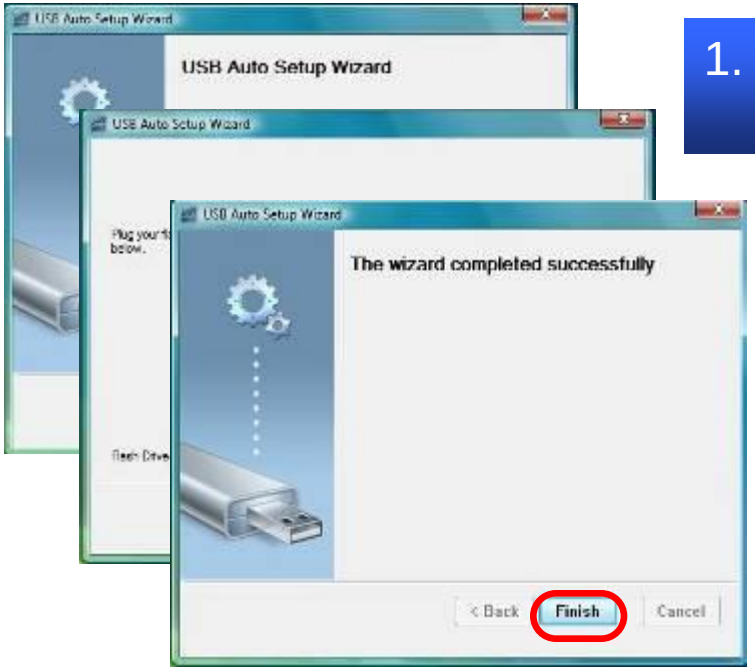


# WPG Utility

## Plug & Show – WIPG USB Token

- ✓ **For the guests to the meeting room, it is totally unnecessary to install any software on their laptops.**
- ✓ **Just plug the WIPG USB Token, then everyone can start the presentation via the WIPG-300H immediately.**




1. Select “Make USB Token”

2. Plug your flash drive

3. Finish

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# Applications

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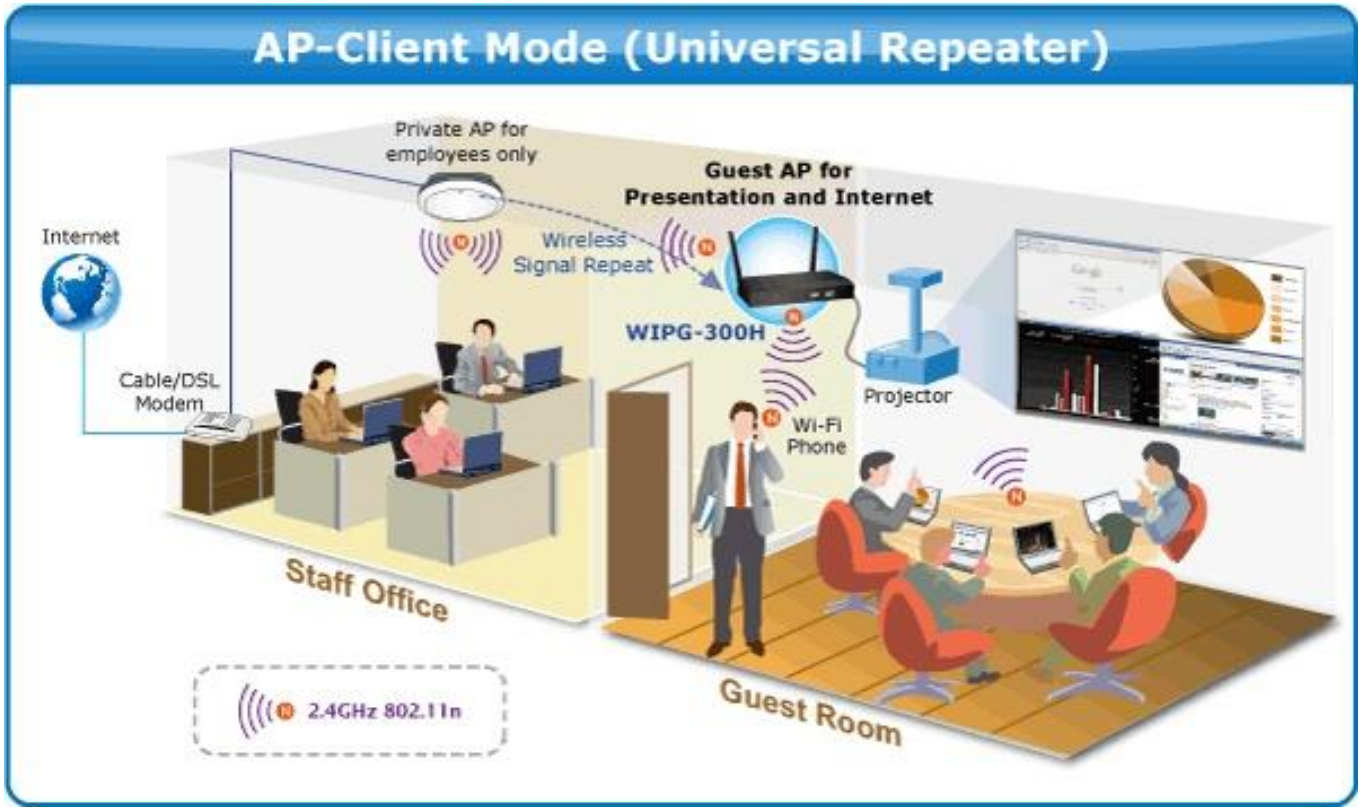
# Applications

## 4-to-1 Split Screen and Faster Speed by Wireless LAN

- Just connect the HDMI / VGA connectors of the **WIPG-300H** and the **projector** and you can immediately start using the convenient presentation application.



# Comparison - Internal

| Model / Features | WIPG-300H | WPG-210N |
|---|---|---|
| | | |
| **Wireless Standard** | 802.11b/g/n | 802.11b/g/n |
| **Wireless Speed** | 300Mbps max. | 300Mbps max. |
| **Output Interface** | HDMI / VGA | HDMI / VGA |
| **Ethernet Port** | 1 x RJ45 10/100Mbps | 1 x RJ45 10/100Mbps |
| **USB Host Port** | **3 x USB 2.0** | 2 x USB 2.0 |
| **IWB (Interactive White Board) Equipment Support** | ■ | - |
| **Reset Button** | ■ | ■ |
| **Output Resolution** | **VGA: up to UXGA(1600x1200)**<br>**HDMI: 1080p (1920x1080)** | VGA: up to WXGA+(1440x900)<br>HDMI: 720p (1280x720) |
| **Video Frame Rate*** | ~ 30fps | ~ 30fps |
| **Wireless Mode** | AP / AP-Client | AP / AP-Client |
| **Wireless Security** | WEP / WPA / WPA2 | WEP / WPA / WPA2 |

* Remark: The actual performance may vary on the wireless environment, application and the performance of the connecting devices.

# Comparison - Internal

| Model / Features | WIPG-300H | WPG-210N |
|---|---|---|
| | | |
| 4-to-1 Split Screen Projection | ■ | ■ |
| Virtual Extended Screen | ■ | ■ |
| Remote Desktop Control | ■ | ■ |
| WiFi-Doc | ■ | ■ |
| MirrorOP Presenter | ■ | - |
| WebSlides | ■ | - |
| SidePad | ■ | - |
| On Screen User List | ■ | - |
| UoIP (USB over IP) for Touch Screen / IWB | ■ | - |

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# Appendix

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# Sales Target

## Target Markets

- ✓ **Education, Hospitals and Offices**
- ✓ **SOHO Users**
- ✓ **Small and Medium Enterprises**
- ✓ **Projector Vendors**
- ✓ **Meeting Solution for any occasions**

## Target Customers

- ✓ **Who buys PLANET Wireless Presentation Gateway**
  - **WPG-130N and WPG-210N Buyers**
  - **Wireless USB Adapter, Access Point, and Router Buyers**

# Appendix

## Related Products – Wireless Adapter

| | | |
|---|---|---|
| WDL-U600AC | | 433Mbps Dual Band 802.11ac Wireless USB Adapter |
| WNL-U556M | | 300Mbps 802.11n Micro Wireless USB Adapter |
| WNL-U554A | | 150Mbps 802.11n Wireless USB Adapter External 2dBi Antenna |
| WDAP-C7200AC | | 1200Mbps 802.11ac Dual Band Ceiling Mount Wireless Access Point |
| WTV-3000 | | Wireless Display TV Adapter |

# Activating IP Power