PLANET Networking & Communication

Pioneer of IP Innovation

Wireless Presentation Gateway

WPG-210N

802.11n | HDMI | Plug & Show | WPA2-PSK | Mac OS X Supported

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Presentation Outline

- Product Overview
- Product Application
- Product Benefits
- Product Features
  - ✓ Management UI
  - ✓ WPG Utility
- Comparison
- Appendix

Product Overview

- **Multi-function in 1**

Wireless Presentation

Wireless Access Point

Multimedia Streaming Player

Wi-Fi Repeater

Product Overview

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

Product Overview

Front Panel

- ✓ **Dimensions: 160 x 60 x 30 mm (W x D x H)**
- ✓ **Weight: 312g**

Power LED

WPG-210N

2 x USB 2.0 Ports

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

Product Overview

Device Connectors

2 dBi Detachable Antenna x 2

HDMI Port
(Connector to the Projector or LCD TV)

LAN Port
(Connect to a client PC or Ethernet)

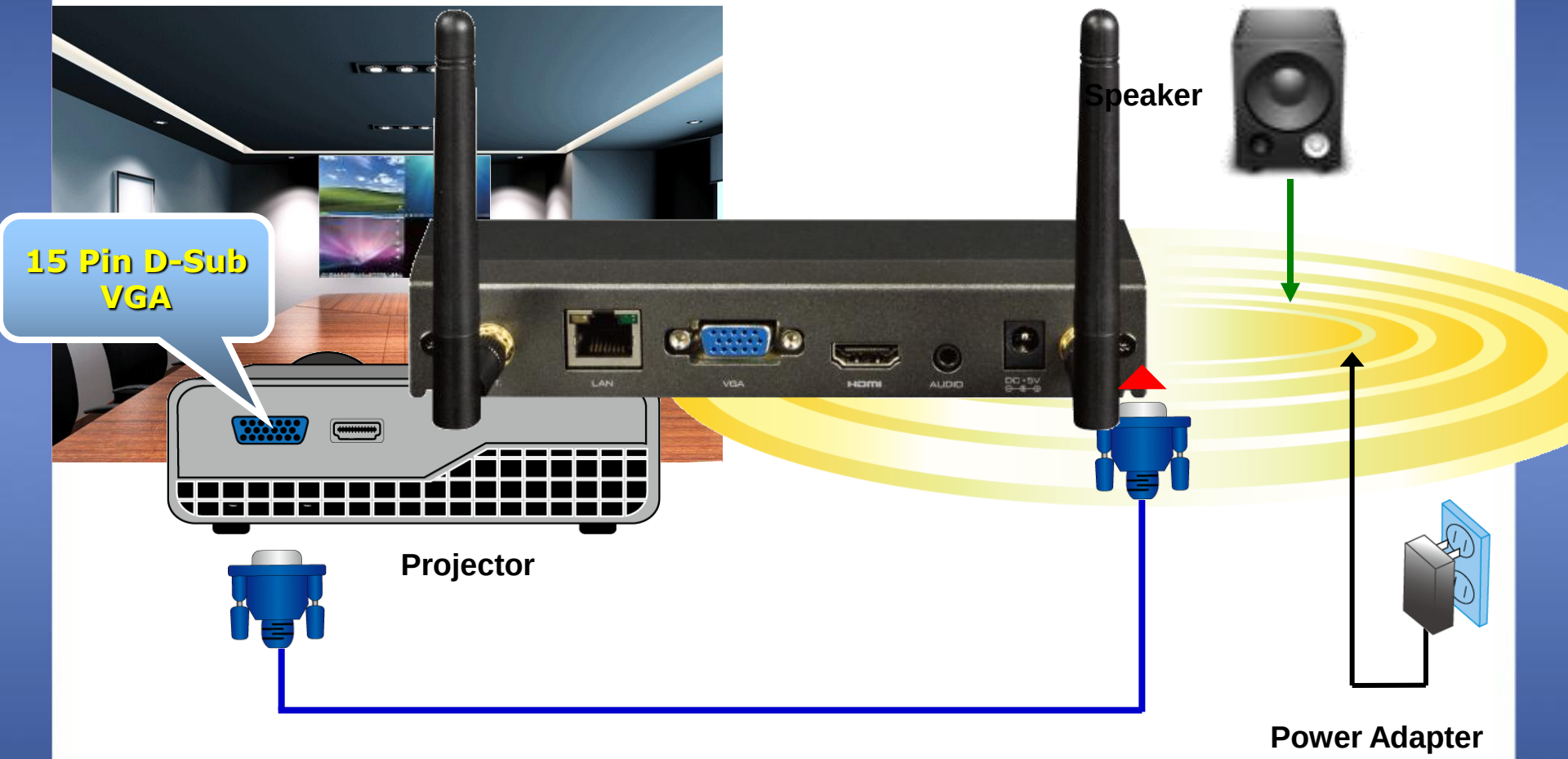
15 Pin D-Sub VGA Port
(Connect to the projector)

Audio Out
(Connect to speaker or headphone)

Power Connector
(5V DC Input)

Product Overview

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



Product Overview

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

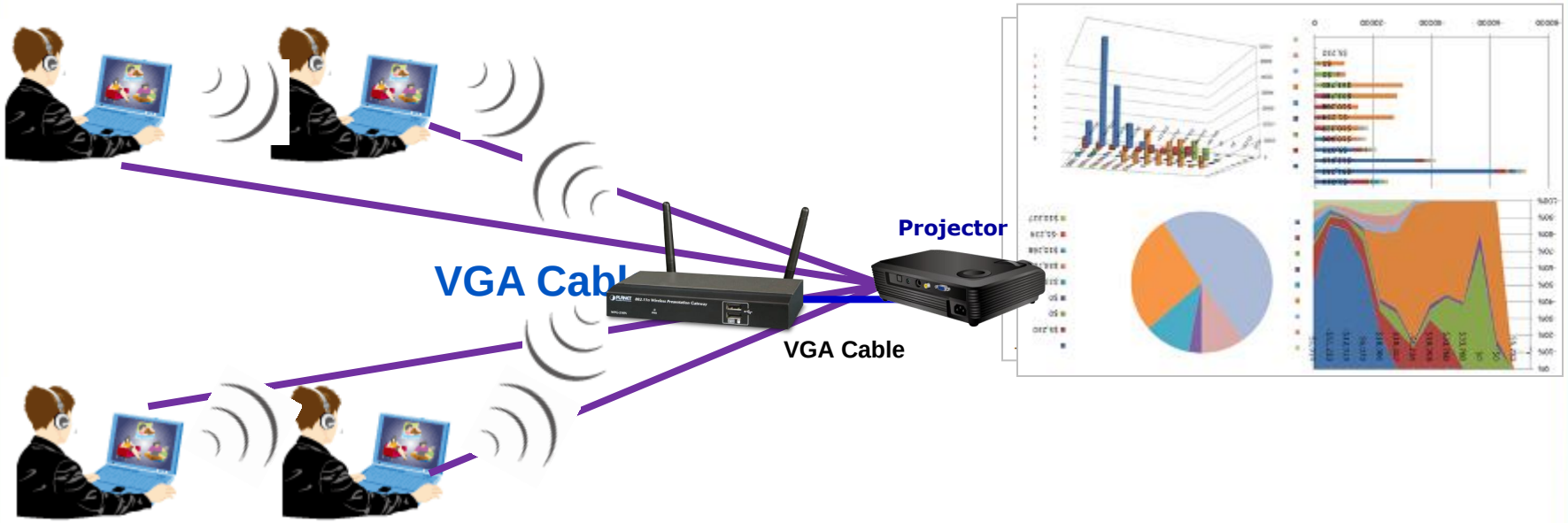
Product Benefits

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

Product Benefits

Why should we use the WPG-210N?

- ✓ **With WPG-210N** No bulky wired cable / 4-to-1 Split Screen Projection simultaneously
  - ✓ **Waste time in re-wiring**
  - ✓ **Waste time in VGA setting**
  - ✓ **Waste cost in VGA cable if connector abrasion & bad look & feel Video quality**



Product Features

- Up to 30FPS Network Screen Projection Speed
- 4-to-1 Split Screen Projection
- VGA / 720p 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*

Wireless Projection

1

Product Features

Remote Desktop Control

Product Features – Plug and Show

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

***Download** and **Install** WPG Client Utility from WPG-210N*

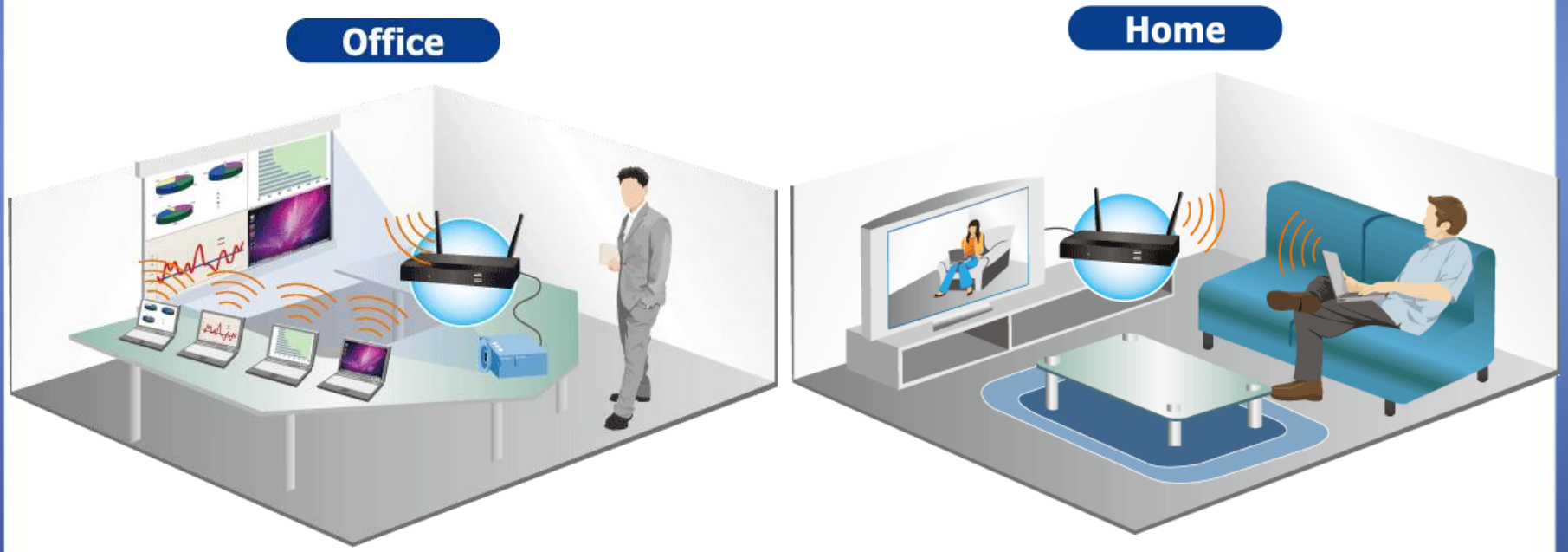
OR

*Insert the **WPG PnS Token** and Start Presentation*

***Run** WPG Client Utility from USB Dongle*

Product Features

- **Windows XP / Vista / 7, Mac OS X support**
- **Multiple Users Access**
- **Compact Size, easy placement**



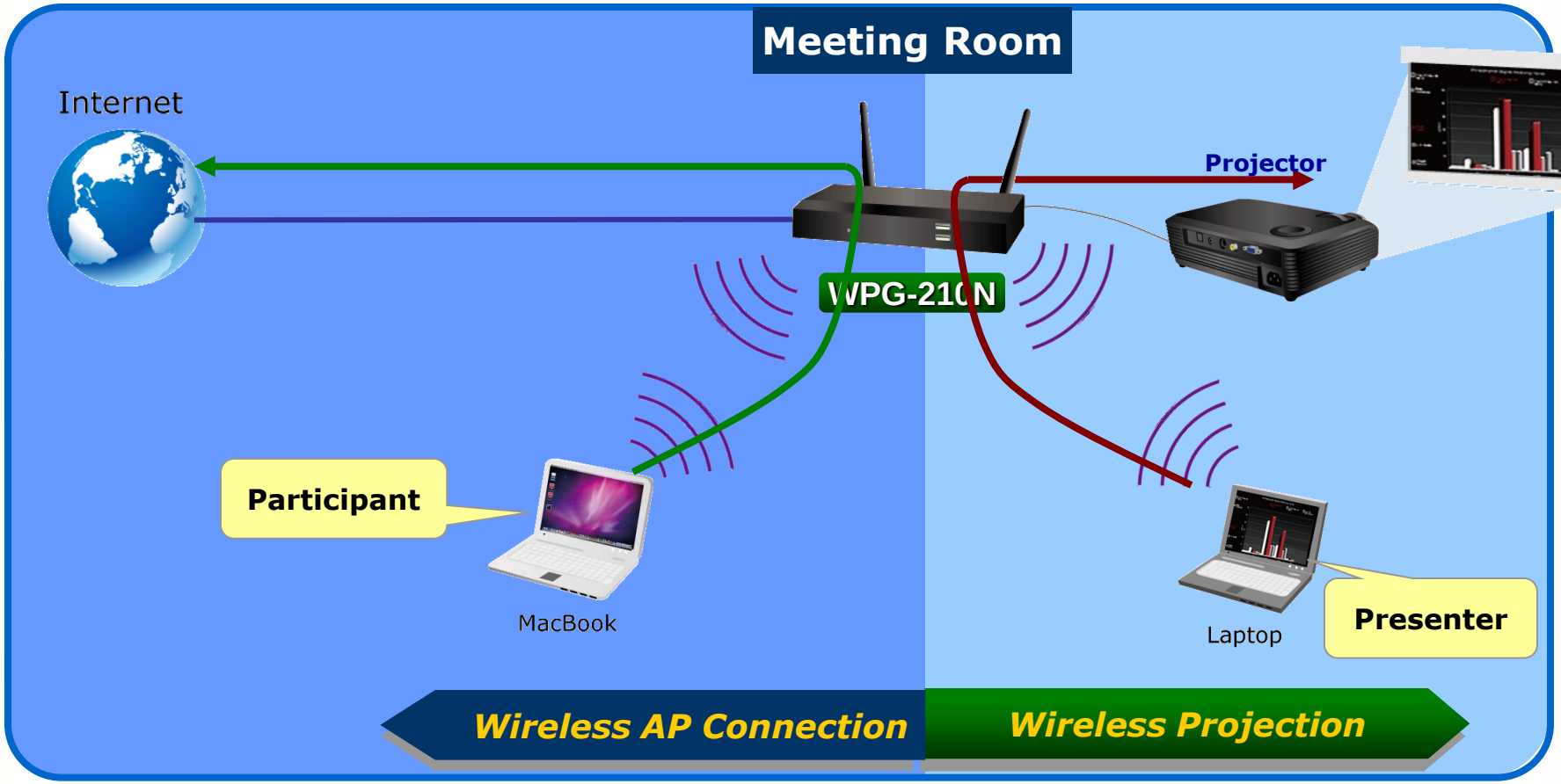
Product Features

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

Operation System	Windows	Mac	iOS	ANDROID
Screen Projection (Game, Video and etc.)	✓	✓		
Document (DOC, PDF)	✓	✓	✓	✓
Power Point	✓	✓	✓	✓
Photo View	✓	✓	✓	✓

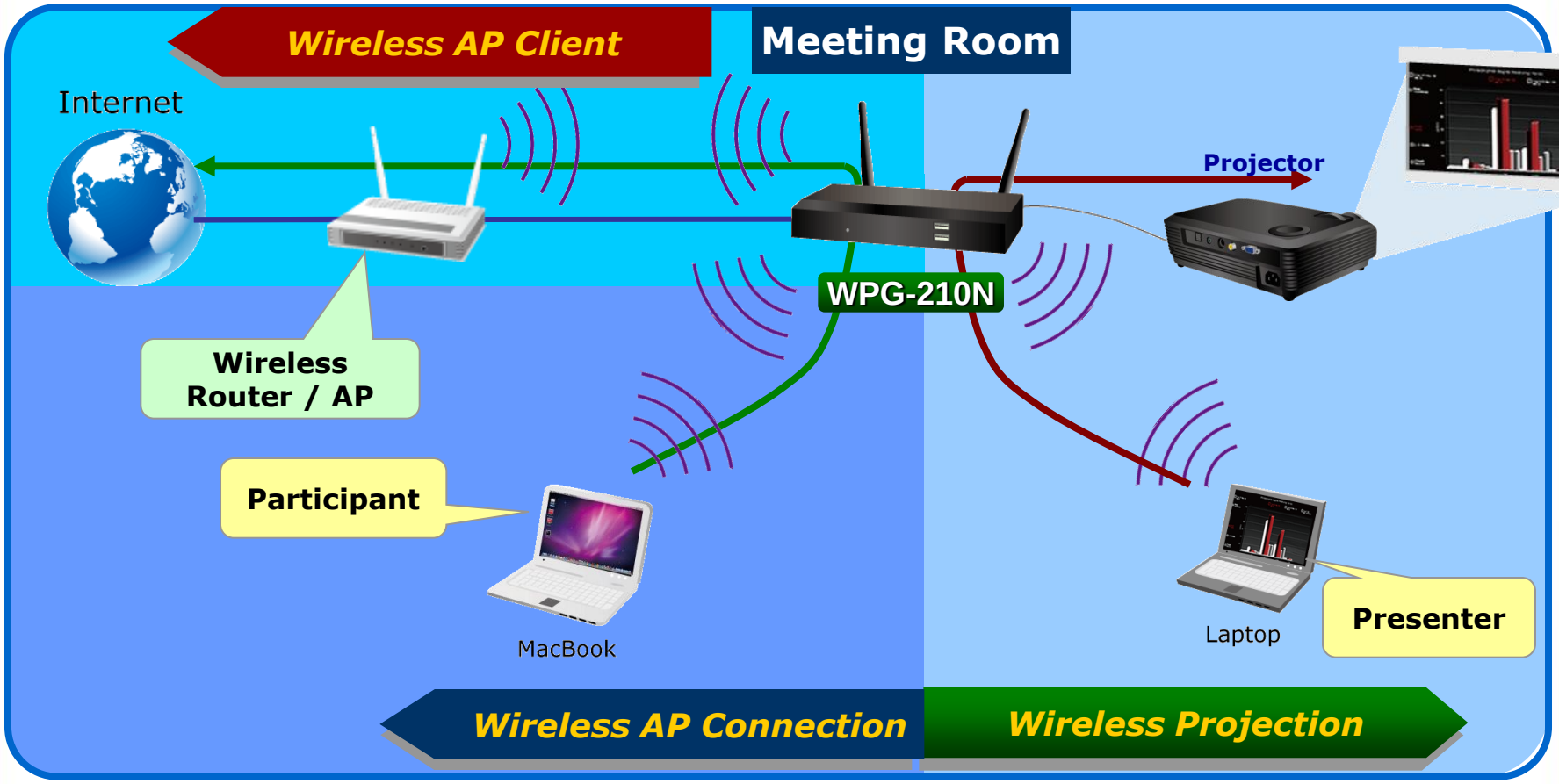
Product Features

- **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 WPG-210N**

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

Basic connection information for users to follow the information to make presentation.

Management UI

- **The Homepage of WPG-210N**

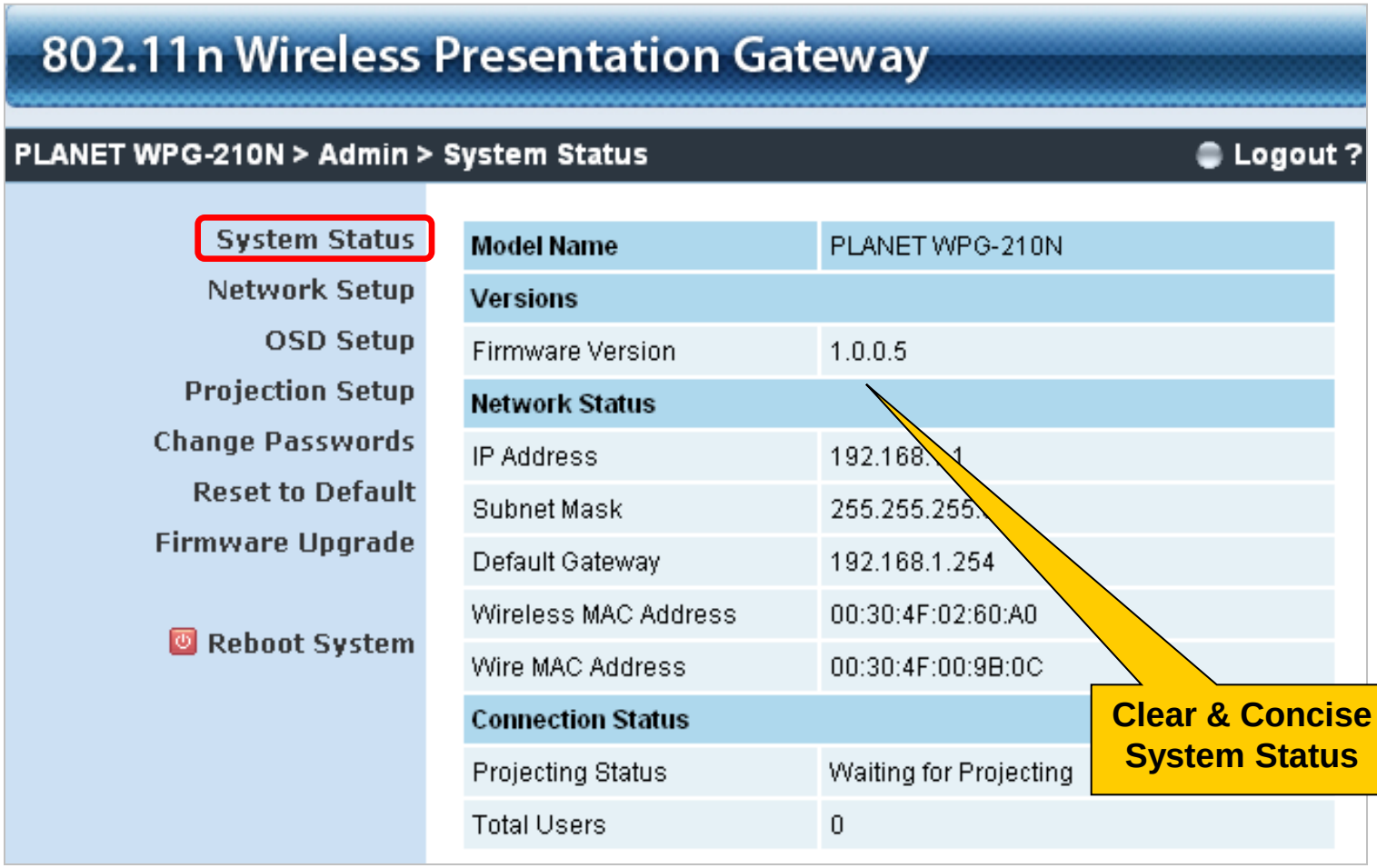
Download WPG utility from web UI

Control the presentation in the meeting

Enter into the configuration page of WPG-210N

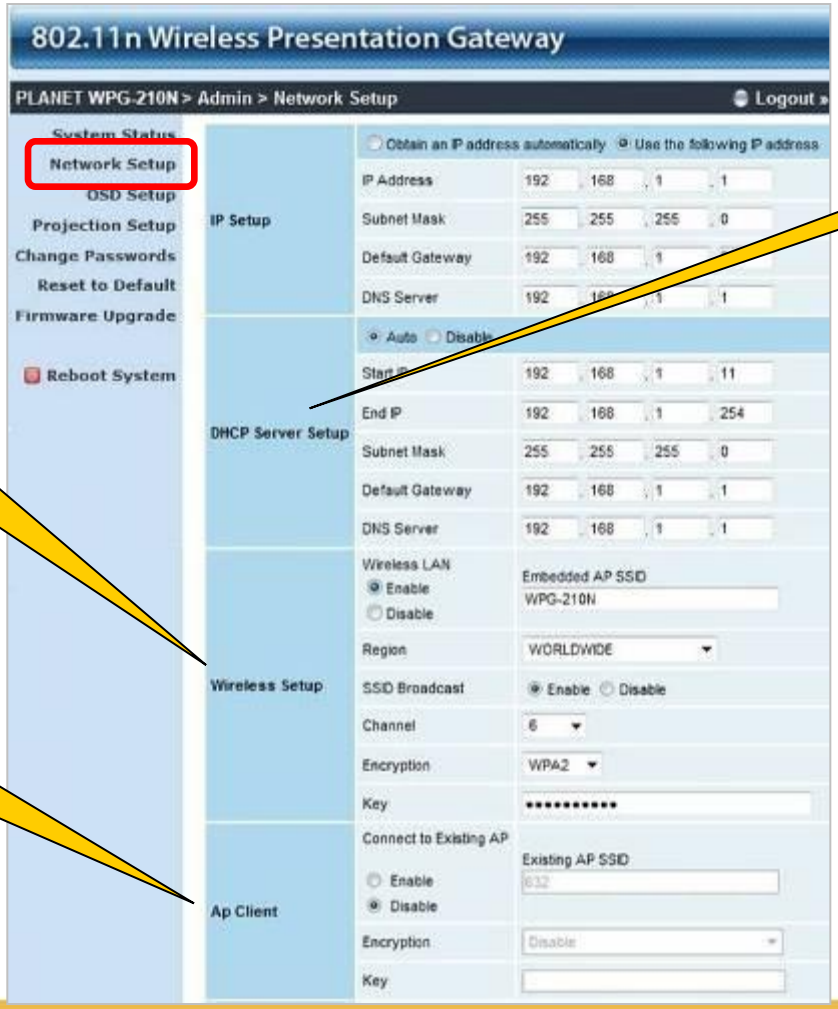
Management UI

Web UI - Main Page



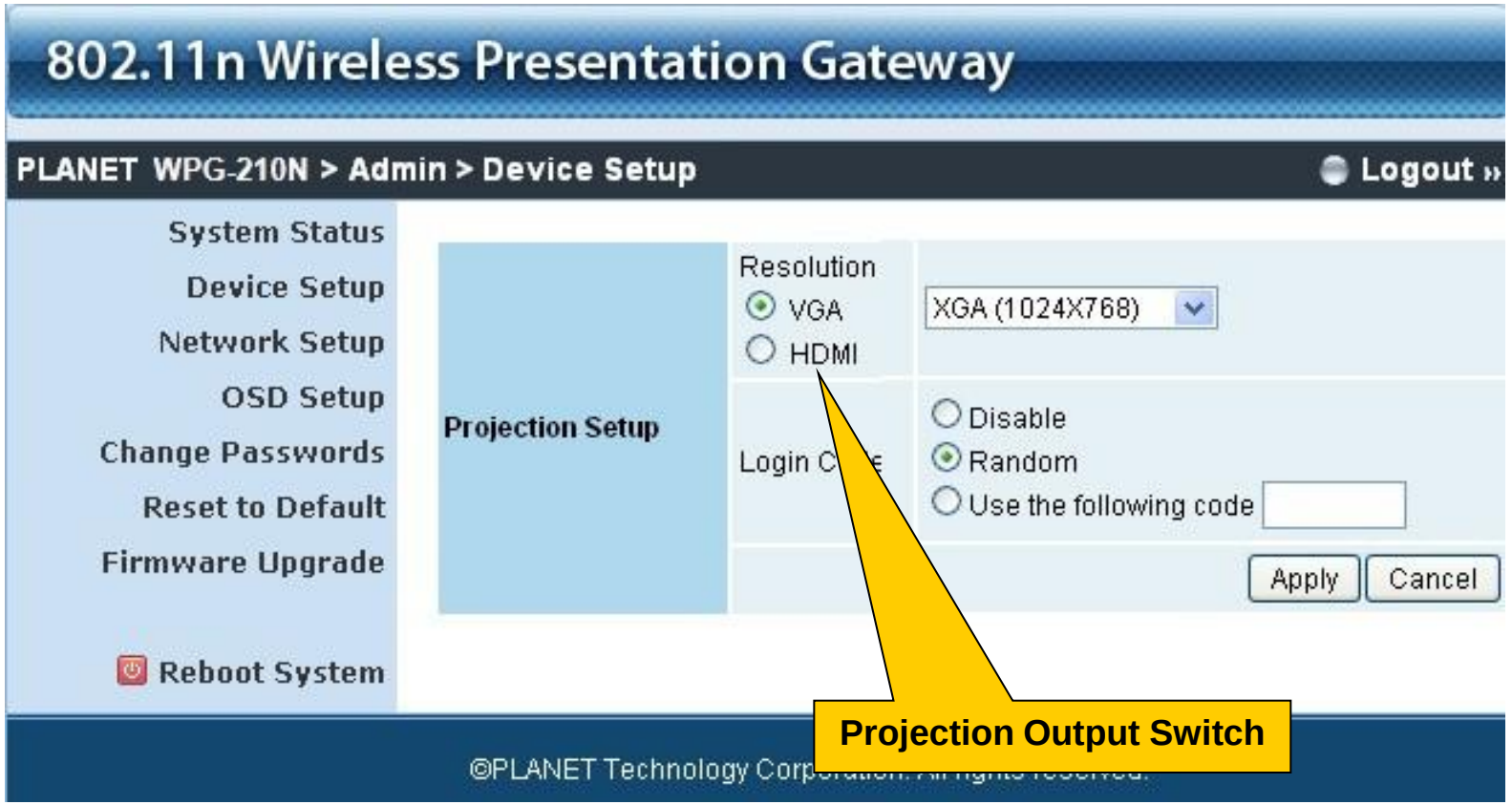
Management UI

Web UI - Network Environment Setup



Management UI

Web UI – Projection Setup



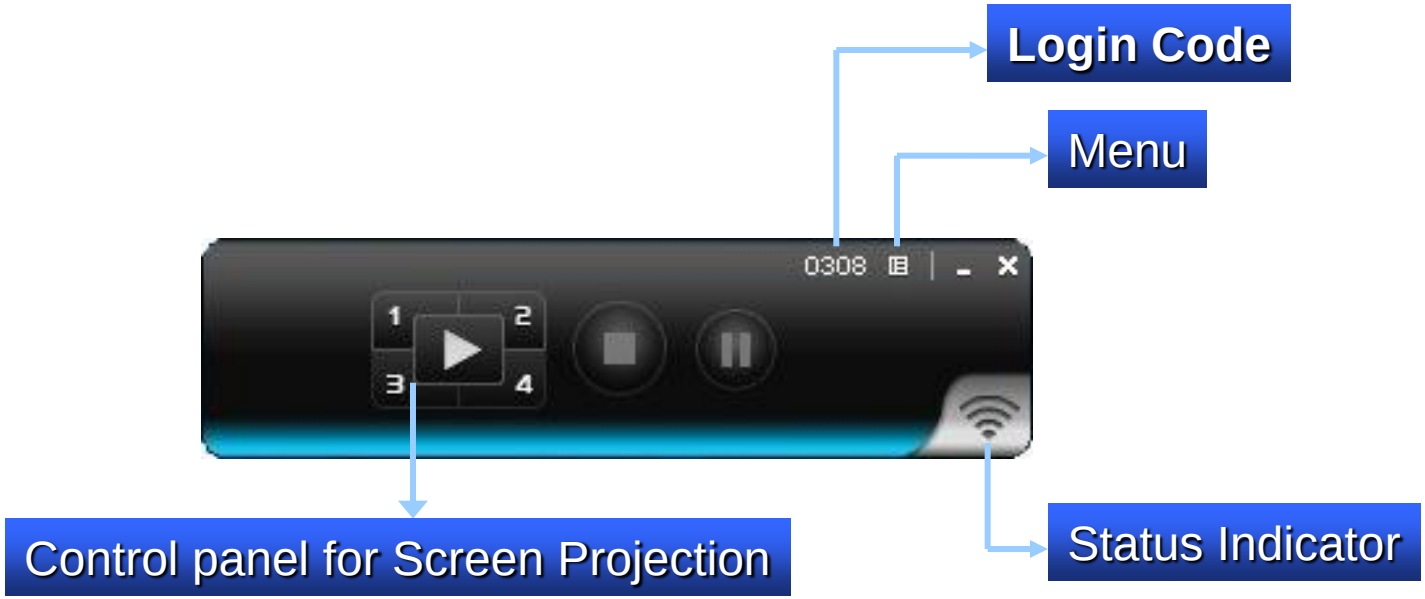
Product Features

WPG Utility

- ✓ **After the participants of conference login to WPG-210N via WPG, the speaker can control whose screen to be projected through web UI.**

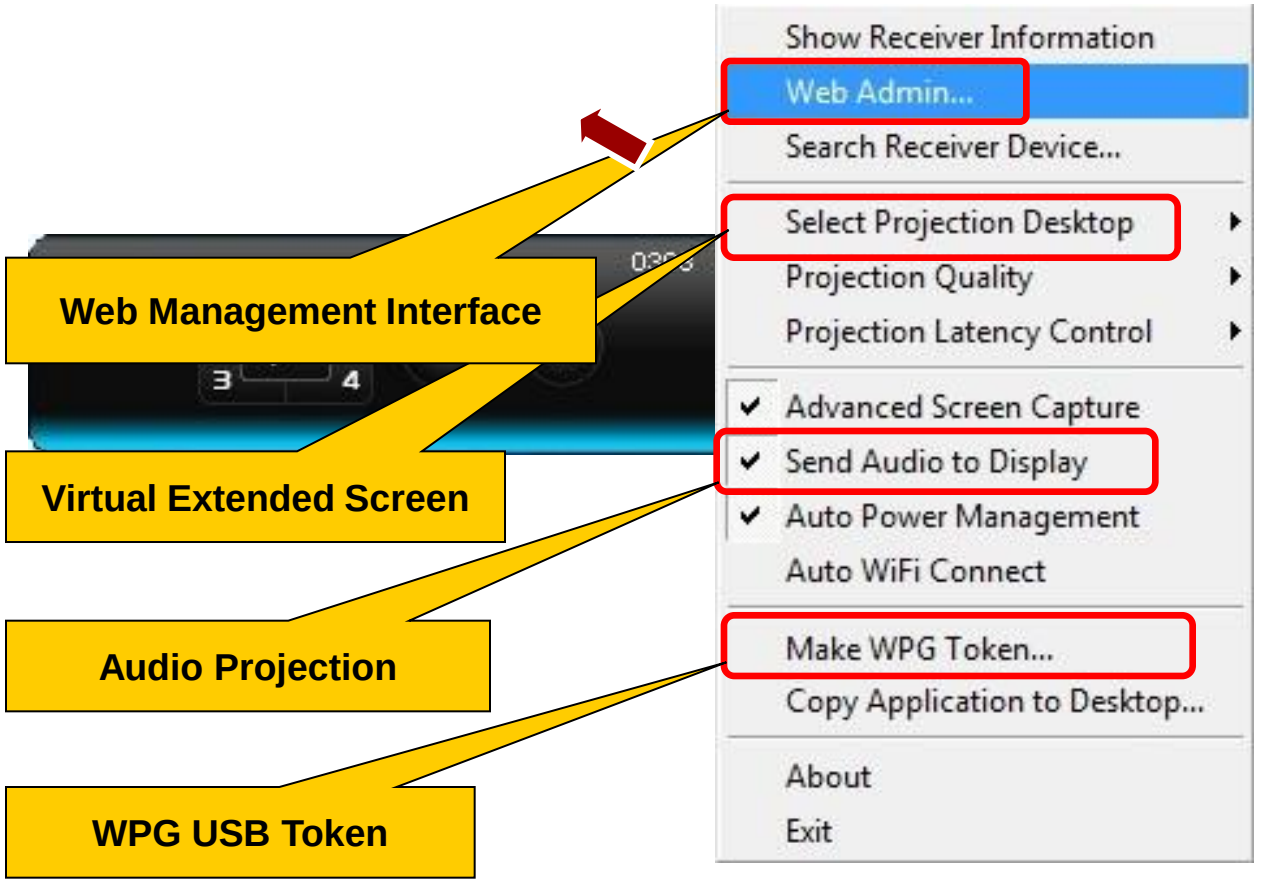
Product Features - WPG Utility

WPG Utility – Main Control Panel



WPG Utility

WPG Utility – Menu



WPG Utility

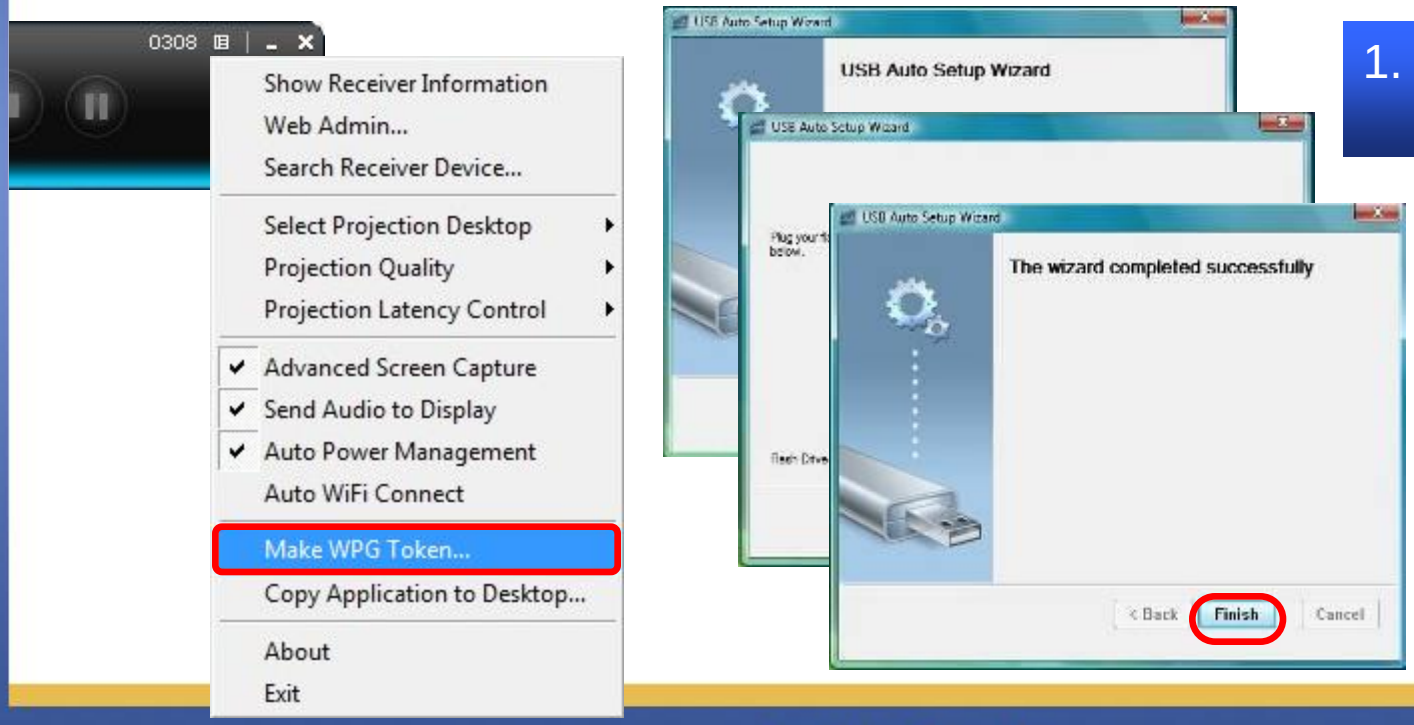
WPG Utility – Virtual Extended Screen

- ✓ 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 – WPG USB Token

- ✓ **For the guests to the meeting room, it is totally unnecessary to install any software on their laptops.**
- ✓ **Just plug the WPG USB Token, then everyone can start the presentation via WPG-210N immediately.**

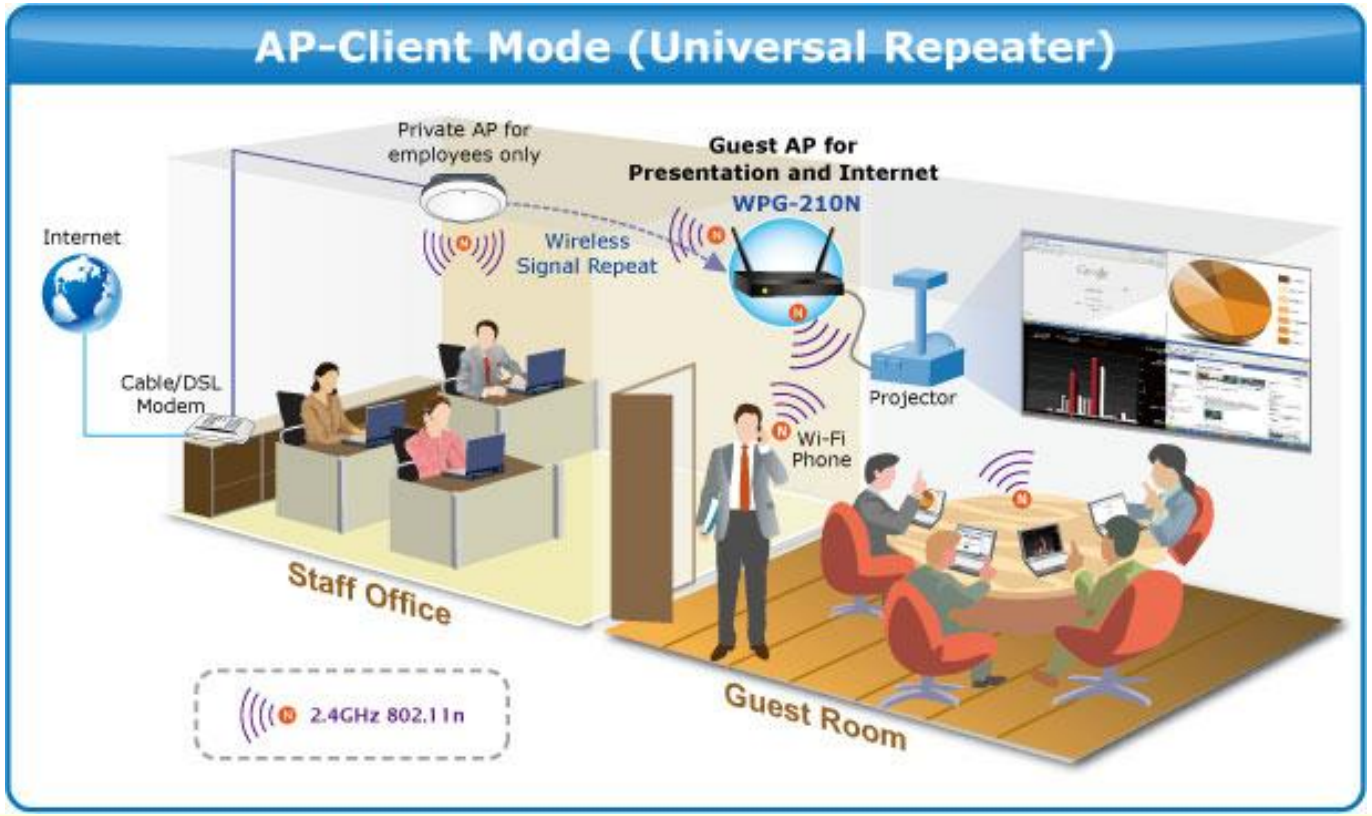


1. Select “Make WPG Token”
2. Plug your flash drive
3. Finish

Application

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

- Just connecting the HDMI / VGA connectors of the **WPG-210N** and the **projector**, you can immediately start using the convenient presentation application.



Comparison - Internal

Features \ Model	WPG-210N	WPG-200N
Wireless Standard	802.11b/g/n	802.11b/g/n
Wireless Speed	**300Mbps max.**	150Mbps max.
Output Interface	HDMI / VGA	HDMI / VGA
Ethernet Port	1 x RJ-45 10/100Mbps	1 x RJ-45 10/100Mbps
USB Host Port	**2 x USB 2.0**	-
Reset Button	■	-
Output Resolution	VGA: up to WXGA+(1440x900) HDMI: 720p (1280x720)	VGA: up to WXGA+(1280x800) HDMI: 720p (1280x720)
Video Frame Rate	~30 fps	~30 fps
Wireless Mode	AP AP-Client	AP AP-Client
Wireless Security	WEP WPA / WPA2	WEP WPA / WPA2
4-to-1 Split Screen Projection	■	■
Virtual Extended Screen	■	■
Remote Desktop Control	■	-

Comparison - External

Model / Features	PLANET WPG-210N	D-Llink DPG-2100	ViewSonic WPG-150
Dimension	**150 x 75 x 22 mm / 257g**	-	152 x 114 x 36 mm / 218 g
Wireless Standard	**802.11b/g/n**	802.11b/g	802.11b/g
Wireless Speed	**300Mbps max.**	54Mbps	54Mbps
Output Interface	**HDMI / VGA**	DVI-D / VGA	DVI / VGA
Ethernet Port	**1**	1	1
USB Host Port	**2 x USB 2.0**	--	--
Output Resolution	**VGA: up to WXGA+(1440x900) HDMI: 720p (1280x720)**	Up to XGA (1024 x 768)	Up to XGA (1024 x 768)
Wireless Mode	**AP AP-Client**	AP	AP
Wireless Security	**WEP WPA-PSK / WPA2-PSK (AES)**	-	WPA-PSK (TKIP)
4-to-1 Split Screen Projection	■	--	--
Virtual Extended Screen	■	--	--
Remote Desktop Control	■	--	--

Appendix - Sales Target

Target Markets

- ✓ **Education, Hospital and Office**
- ✓ **SOHO Users**
- ✓ **Small And Medium Enterprises Solution**
- ✓ **Projector Vendor**
- ✓ **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-U700		300Mbps 802.11n Dual Band Wireless USB Adapter
WNL-U556M		300Mbps 802.11n Micro Wireless USB Adapter
WNL-U554A		150Mbps 802.11n Wireless USB Adapter External 2dBi Antenna
WNL-U554M		150Mbps 802.11n Micro Wireless USB Adapter
WNL-9501		150Mbps 802.11n Wireless PCI Express Adapter

Appendix
WPG-210N vs. WPG-200N

802.11n
300Mbps max.

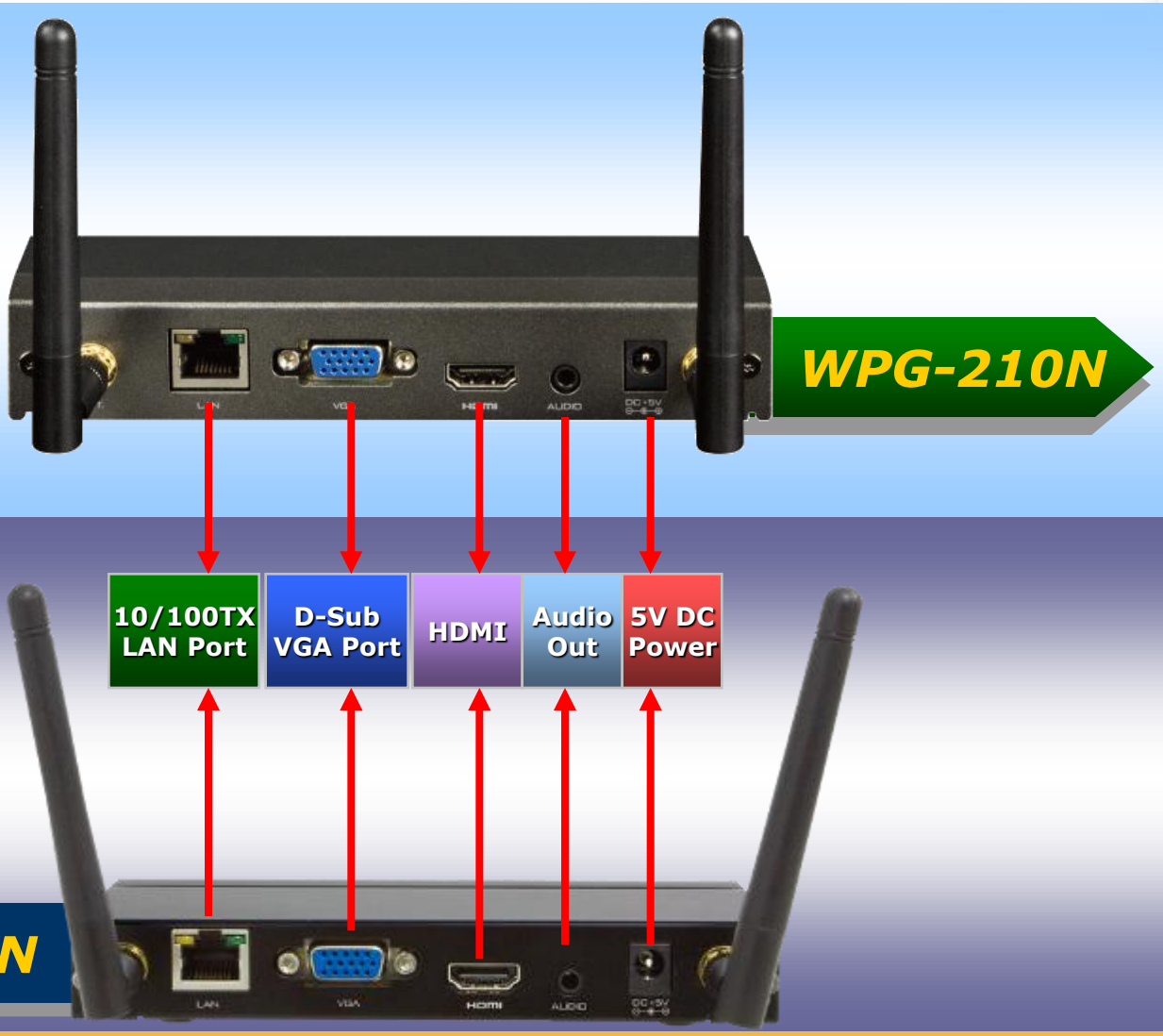
2 x USB 2.0

WPG-210N

802.11n
150Mbps max.

WPG-200N

Appendix
WPG-210N vs. WPG-200N



Activating IP Power