



Wireless Presentation Gateway

WPG-210N



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

◆ **W**ireless **P**resentation **G**ateway (WPG)

- ✓ Connect **Laptop** / **Smartphone** / **Tablet** to Projector or LCD TV
Wirelessly



Wireless Projection



Projector



Product Overview

◆ Front Panel

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



Power LED

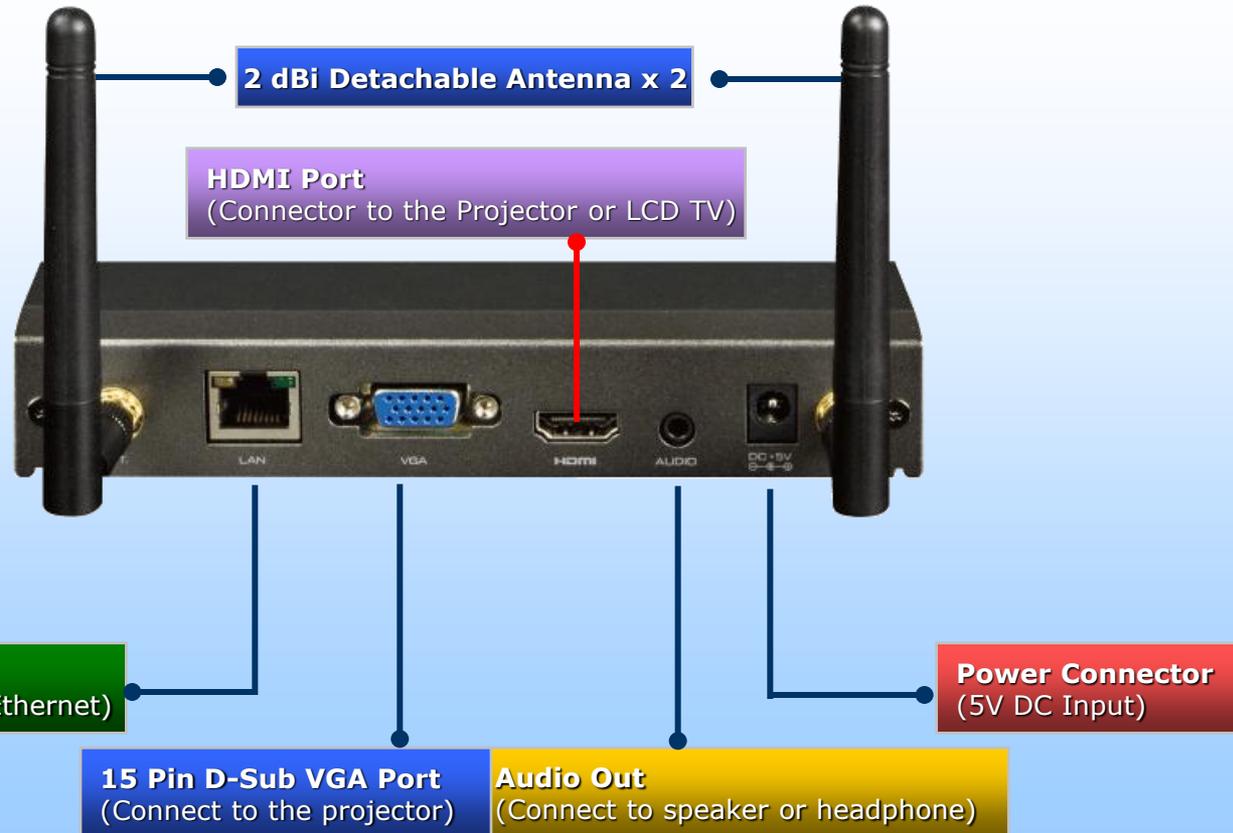
WPG-210N

2 x USB 2.0 Ports

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

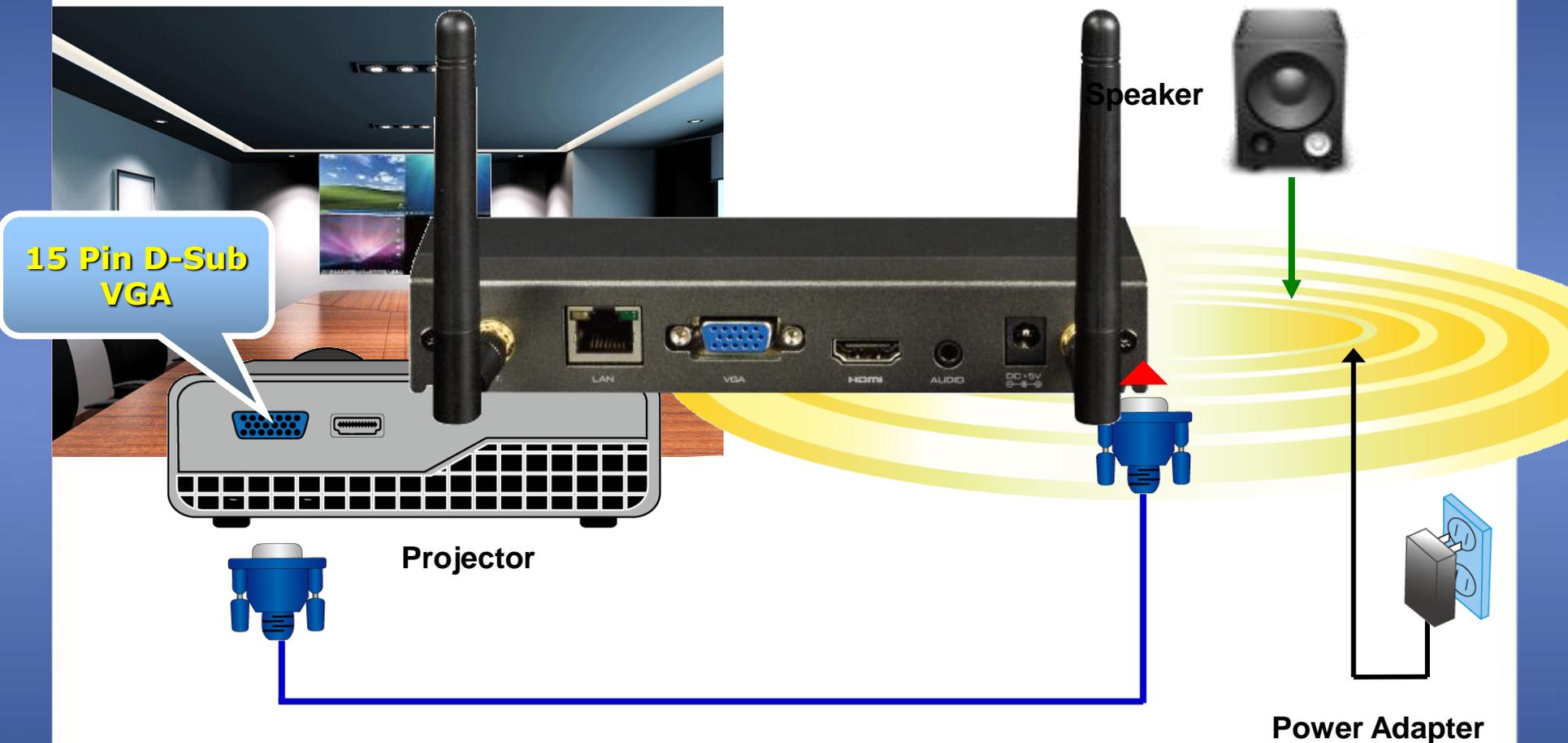
Product Overview

◆ Device Connectors



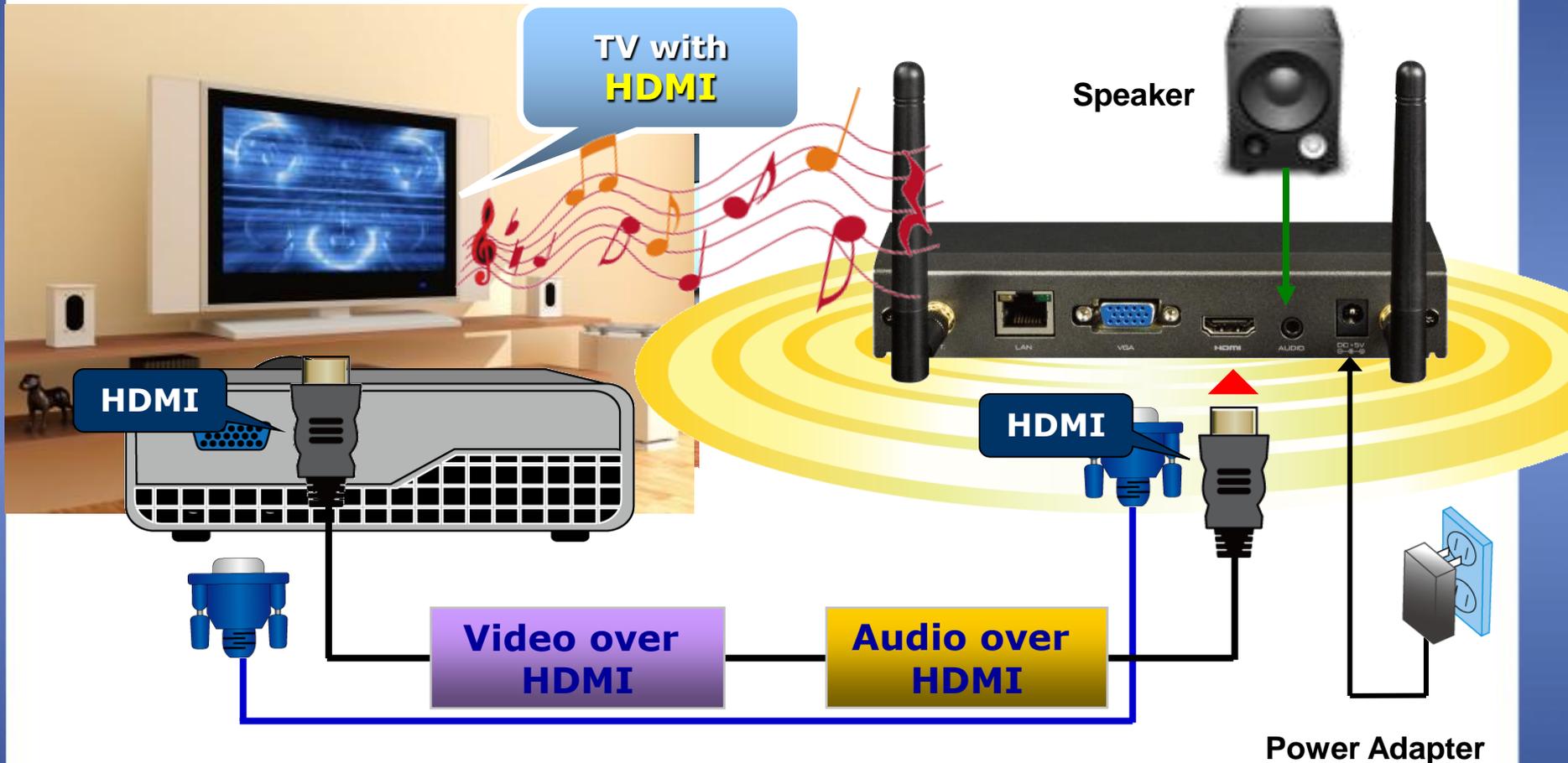
Product Overview

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



Product Overview

◆ Device Installation – LCD TV with HDMI



Product Benefits

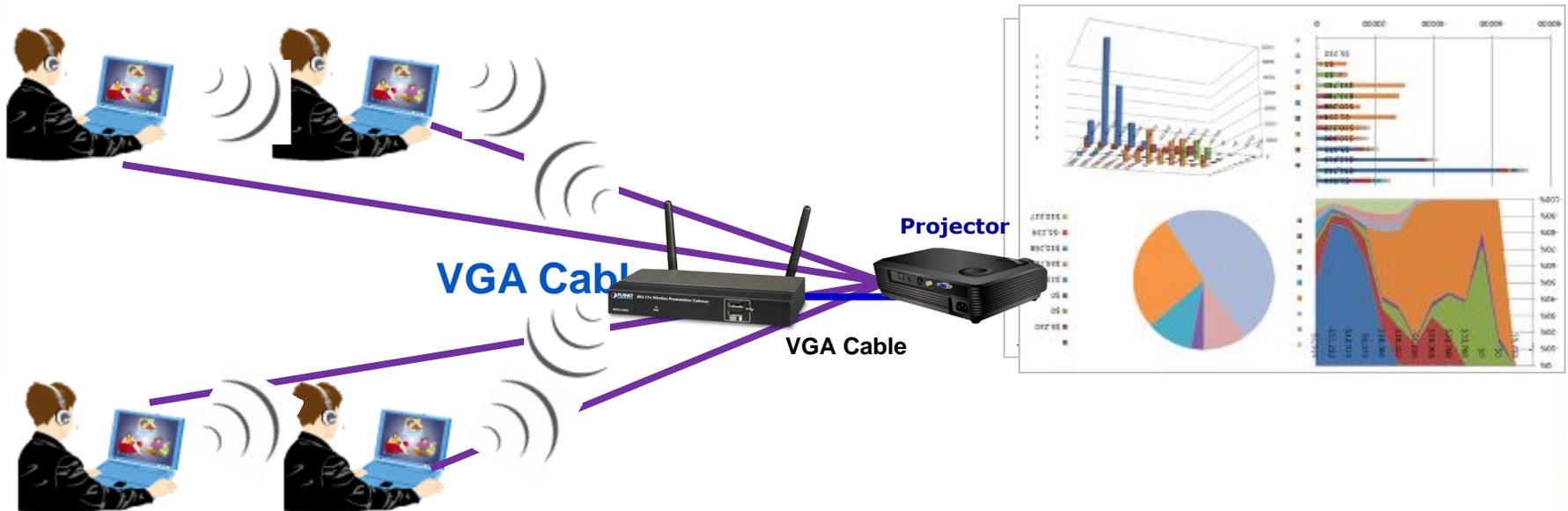
- ◆ No more bulky cables
- ◆ Saving much time during presentation
- ◆ Plug & Show USB Token
- ◆ 4-to-1 Split Screen Projection



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



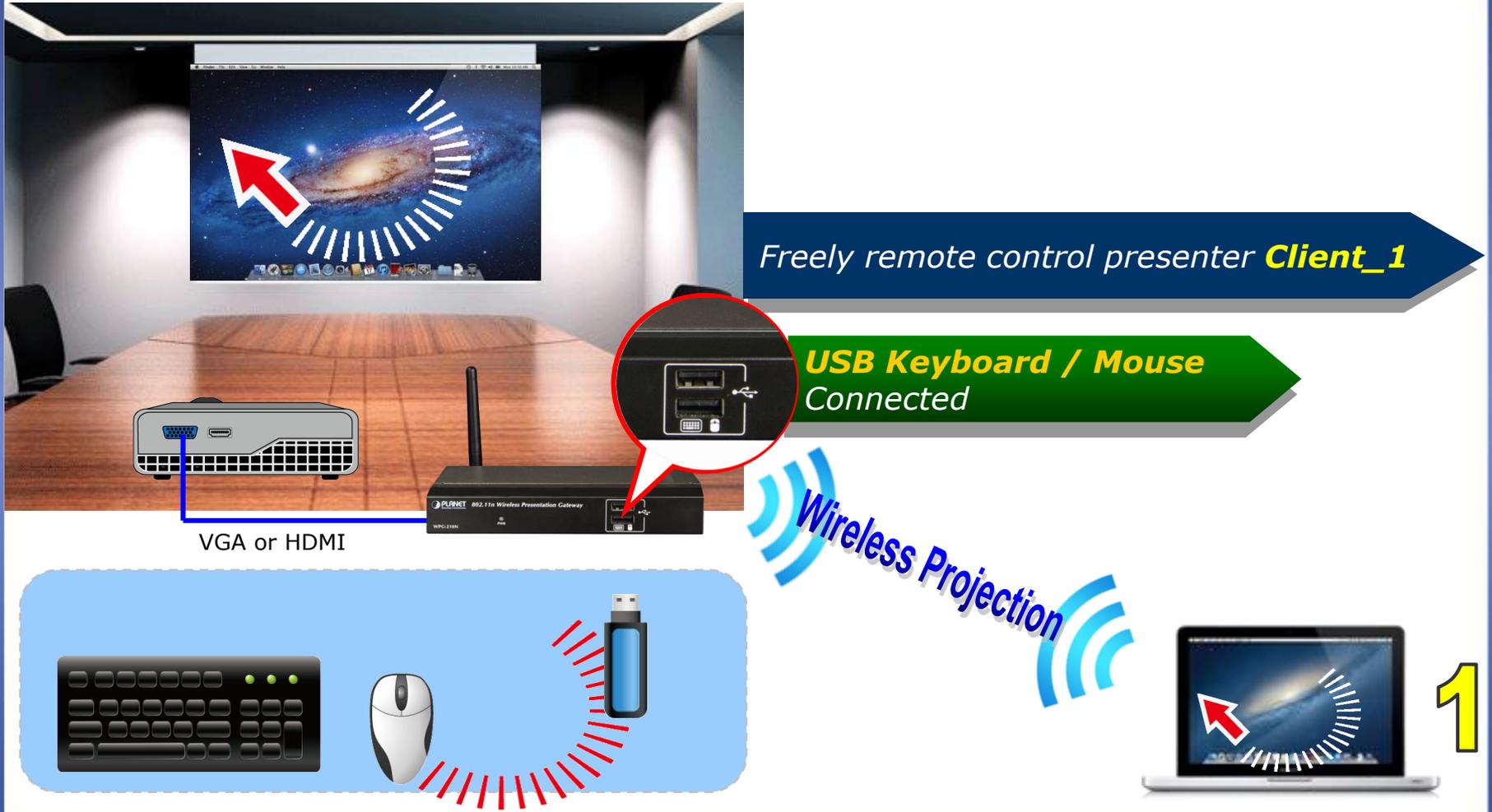
Product Features

- ◆ 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



Product Features

◆ Remote Desktop Control



VGA or HDMI

4-channel Wireless KVM

Free remote control to present

Wireless Projection

Wireless Projection



4



3



2



1

Product Features – Plug and Show

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



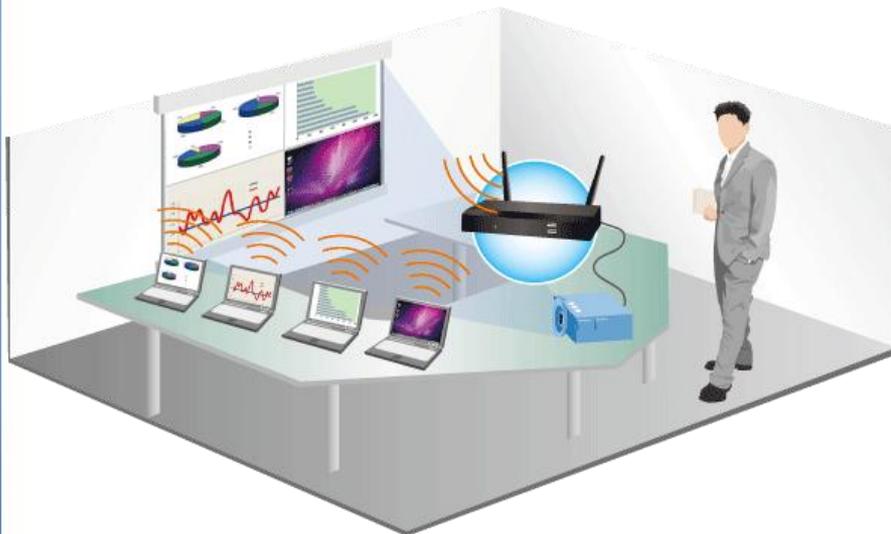
Insert the **WPG PnS Token** and Start Presentation



Product Features

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

Office

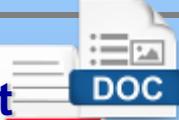


Home



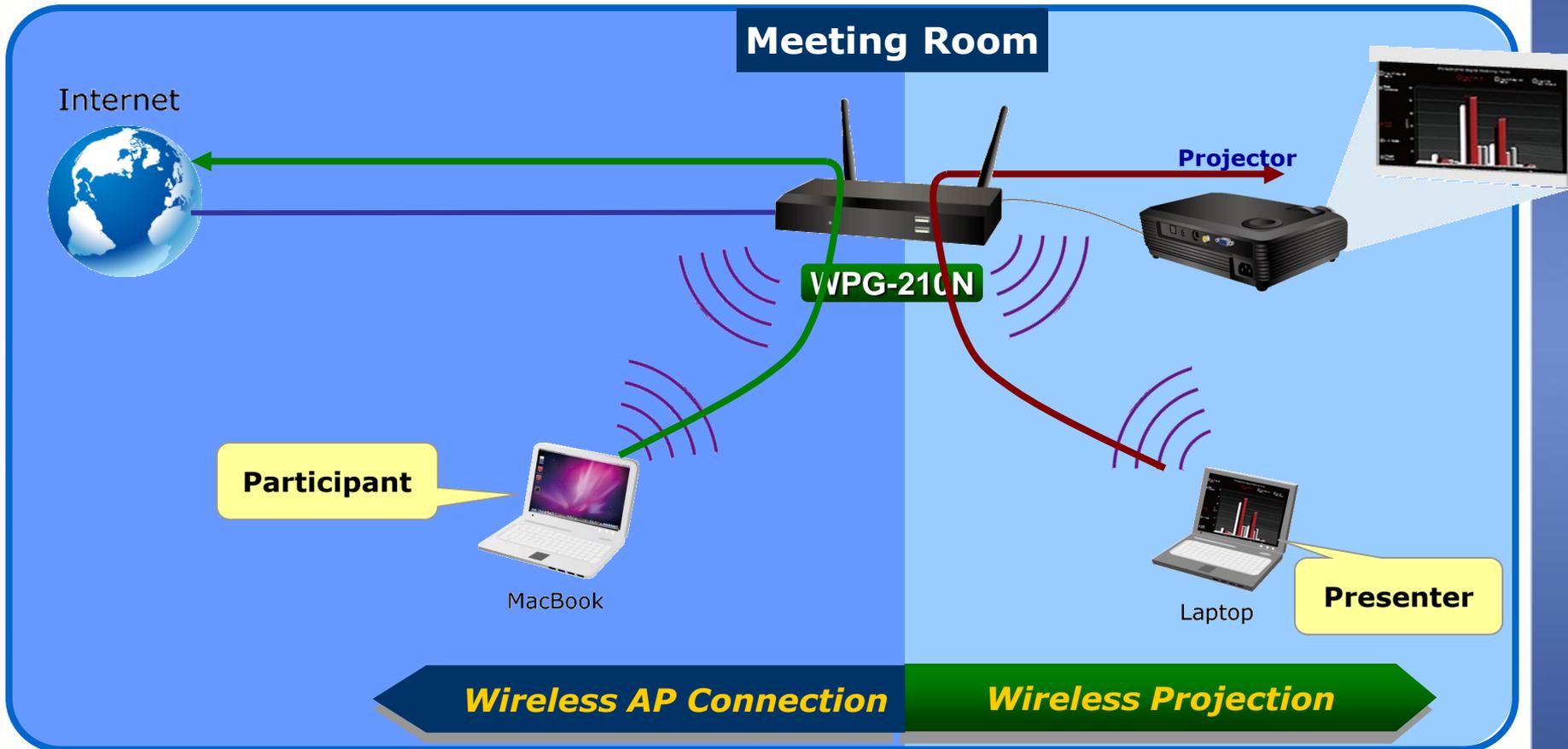
Product Features

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

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

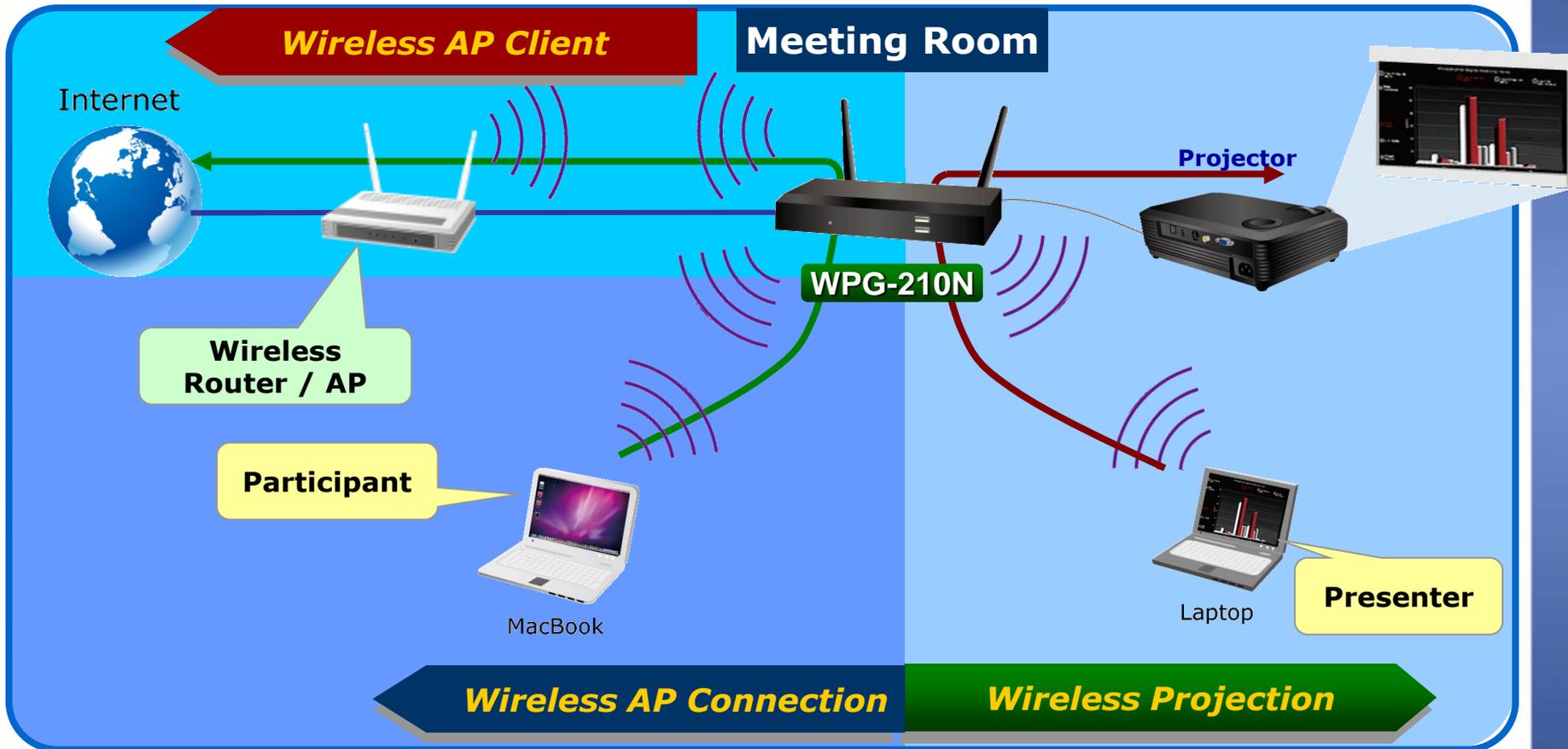
Product Features

◆ 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.

LOGIN CODE : 1234

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

802.11n Wireless Presentation Gateway

 **PLANET**
Networking & Communication

-  Connect your PC or Mac to the WiFi SSID shown below.
-  Launch WPG application or download from the WPG-210N through a web browser.
-  Type in the code shown on the projector screen, and start your show!

Server IP : **192.168.1.1**
Resolution : 1024 x 768
Version : 1.0.0.0

SSID : **WPG-210N**
Channel : 6
Security : OFF

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

802.11n Wireless Presentation Gateway

PLANET WPG-210N English

Download
Conference Control
Admin

4 to 1 Screen

WPG-210N

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Management UI

◆ Web UI - Main Page

802.11n Wireless Presentation Gateway

PLANET WPG-210N > Admin > System Status Logout ?

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|-----------------|-----------------|--|------------------|---------|-----------------------|--|------------|-------------|-------------|---------------|-----------------|---------------|----------------------|-------------------|------------------|-------------------|--------------------------|--|-------------------|------------------------|-------------|---|
| <ul style="list-style-type: none"> <li style="border: 2px solid red; padding: 2px; margin-bottom: 5px;">System Status Network Setup OSD Setup Projection Setup Change Passwords Reset to Default Firmware Upgrade <li style="margin-top: 20px;"> Reboot System | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #e1f5fe;">Model Name</td> <td>PLANET WPG-210N</td> </tr> <tr> <td colspan="2" style="background-color: #e1f5fe;">Versions</td> </tr> <tr> <td>Firmware Version</td> <td>1.0.0.5</td> </tr> <tr> <td colspan="2" style="background-color: #e1f5fe;">Network Status</td> </tr> <tr> <td>IP Address</td> <td>192.168.1.1</td> </tr> <tr> <td>Subnet Mask</td> <td>255.255.255.0</td> </tr> <tr> <td>Default Gateway</td> <td>192.168.1.254</td> </tr> <tr> <td>Wireless MAC Address</td> <td>00:30:4F:02:60:A0</td> </tr> <tr> <td>Wire MAC Address</td> <td>00:30:4F:00:9B:0C</td> </tr> <tr> <td colspan="2" style="background-color: #e1f5fe;">Connection Status</td> </tr> <tr> <td>Projecting Status</td> <td>Waiting for Projecting</td> </tr> <tr> <td>Total Users</td> <td>0</td> </tr> </table> | Model Name | PLANET WPG-210N | Versions | | Firmware Version | 1.0.0.5 | Network Status | | IP Address | 192.168.1.1 | Subnet Mask | 255.255.255.0 | Default Gateway | 192.168.1.254 | Wireless MAC Address | 00:30:4F:02:60:A0 | Wire MAC Address | 00:30:4F:00:9B:0C | Connection Status | | Projecting Status | Waiting for Projecting | Total Users | 0 |
| Model Name | PLANET WPG-210N | | | | | | | | | | | | | | | | | | | | | | | | |
| Versions | | | | | | | | | | | | | | | | | | | | | | | | | |
| Firmware Version | 1.0.0.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| Network Status | | | | | | | | | | | | | | | | | | | | | | | | | |
| IP Address | 192.168.1.1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Subnet Mask | 255.255.255.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Default Gateway | 192.168.1.254 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wireless MAC Address | 00:30:4F:02:60:A0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wire MAC Address | 00:30:4F:00:9B:0C | | | | | | | | | | | | | | | | | | | | | | | | |
| Connection Status | | | | | | | | | | | | | | | | | | | | | | | | | |
| Projecting Status | Waiting for Projecting | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Users | 0 | | | | | | | | | | | | | | | | | | | | | | | | |

Clear & Concise System Status

Management UI

◆ Web UI - Network Environment Setup

802.11n Wireless Presentation Gateway

PLANET WPG-210N > Admin > Network Setup

System Status
Network Setup
OSD Setup
Projection Setup
Change Passwords
Reset to Default
Firmware Upgrade
Reboot System

IP Setup

Obtain an IP address automatically / Use the following IP address

| | | | | |
|-----------------|-----|-----|-----|---|
| IP Address | 192 | 168 | 1 | 1 |
| Subnet Mask | 255 | 255 | 255 | 0 |
| Default Gateway | 192 | 168 | 1 | 1 |
| DNS Server | 192 | 168 | 1 | 1 |

DHCP Server Setup

Auto / Disable

| | | | | |
|-----------------|-----|-----|-----|-----|
| Start IP | 192 | 168 | 1 | 11 |
| End IP | 192 | 168 | 1 | 254 |
| Subnet Mask | 255 | 255 | 255 | 0 |
| Default Gateway | 192 | 168 | 1 | 1 |
| DNS Server | 192 | 168 | 1 | 1 |

Wireless Setup

Wireless LAN: Enable / Disable

Embedded AP SSID: WPG-210N

Region: WORLDWIDE

SSID Broadcast: Enable / Disable

Channel: 6

Encryption: WPA2

Key: *****

Connect to Existing AP

Existing AP SSID: 632

Encryption: Disable

Key:

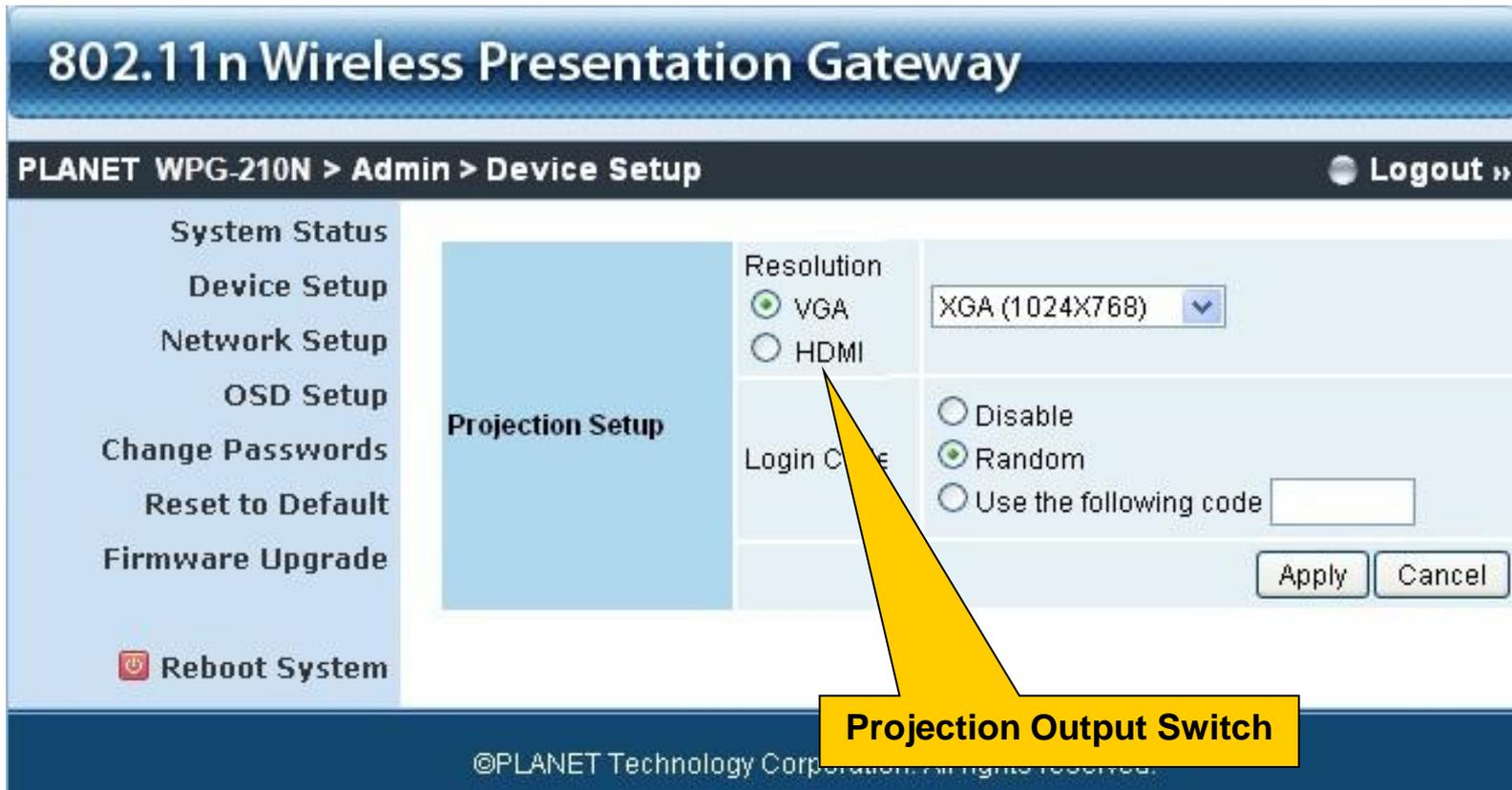
DHCP Server

Wireless Setup

AP Client Mode
(Universal Repeater)

Management UI

◆ Web UI – Projection Setup



802.11n Wireless Presentation Gateway

PLANET WPG-210N > Admin > Device Setup Logout »

- System Status
- Device Setup
- Network Setup
- OSD Setup
- Change Passwords
- Reset to Default
- Firmware Upgrade
-  Reboot System

Projection Setup

Resolution
 VGA HDMI
XGA (1024X768) ▼

Login Code
 Disable
 Random
 Use the following code

Apply Cancel

Projection Output Switch

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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.

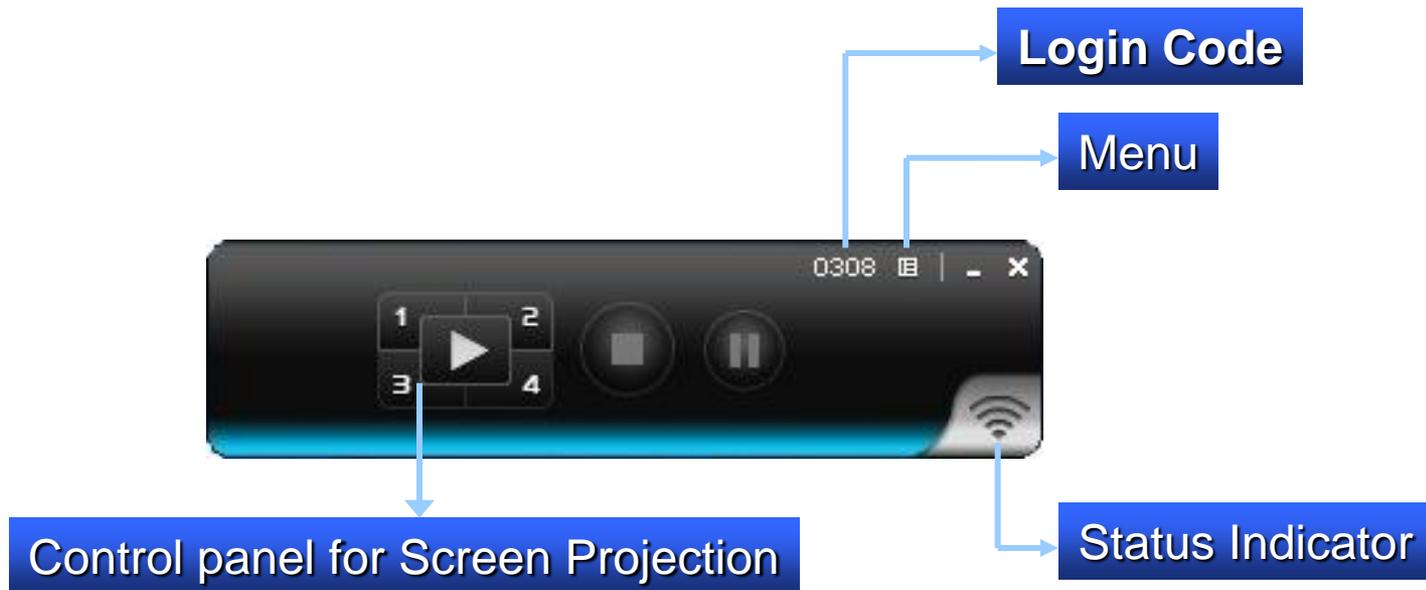


The screenshot shows the web interface for the 802.11n Wireless Presentation Gateway (WPG-200N). The page title is "802.11n Wireless Presentation Gateway" and the breadcrumb is "PLANET WPG-200N > Conference Control". The main content area displays a table of participants with columns for Name, Play Control, and IP Address. The Play Control column contains icons for screen sharing and numbered buttons (1-4) for selecting a participant's screen. A yellow callout box highlights the "Choose someone to make 4-to-1 Split Screen Projection" feature, with red lines pointing to the screen sharing icons and the numbered buttons in the table.

| Name | Play Control | IP Address |
|------|---|---------------|
| jay |  1 2 3 4  | 192.168.1.12 |
| FAE |  1 2 3 4  | 192.168.1.11 |
| JJ |  1 2 3 4  | 192.168.1.122 |
| FF |  1 2 3 4  | 192.168.1.111 |

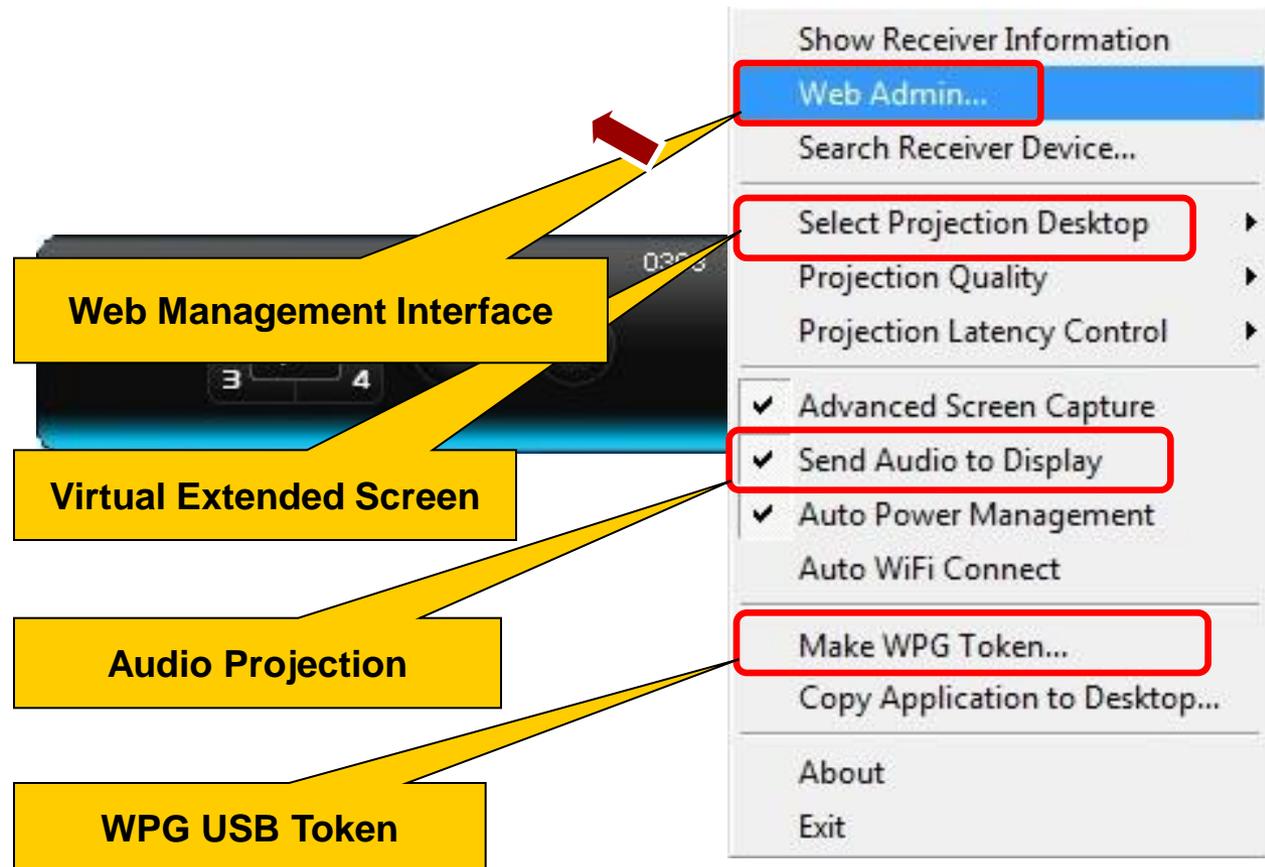
Product Features - WPG Utility

◆ WPG Utility – Main Control Panel



WPG Utility

◆ WPG Utility – Menu



WPG Utility

◆ WPG Utility – Virtual Extended Screen

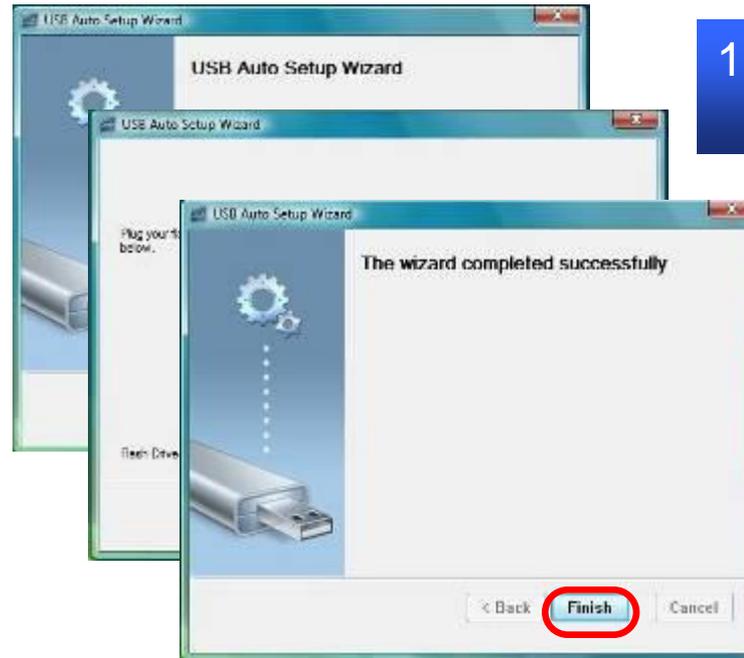
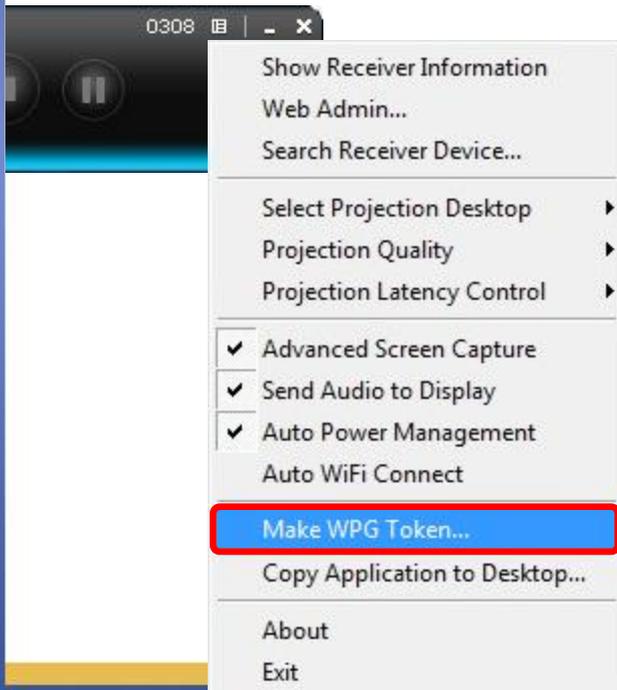
- ✓ Via the Virtual Extended Screen function, you can have the other **second virtual screen** to be projected.
- ✓ The main screen will be invisible for other people.



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"

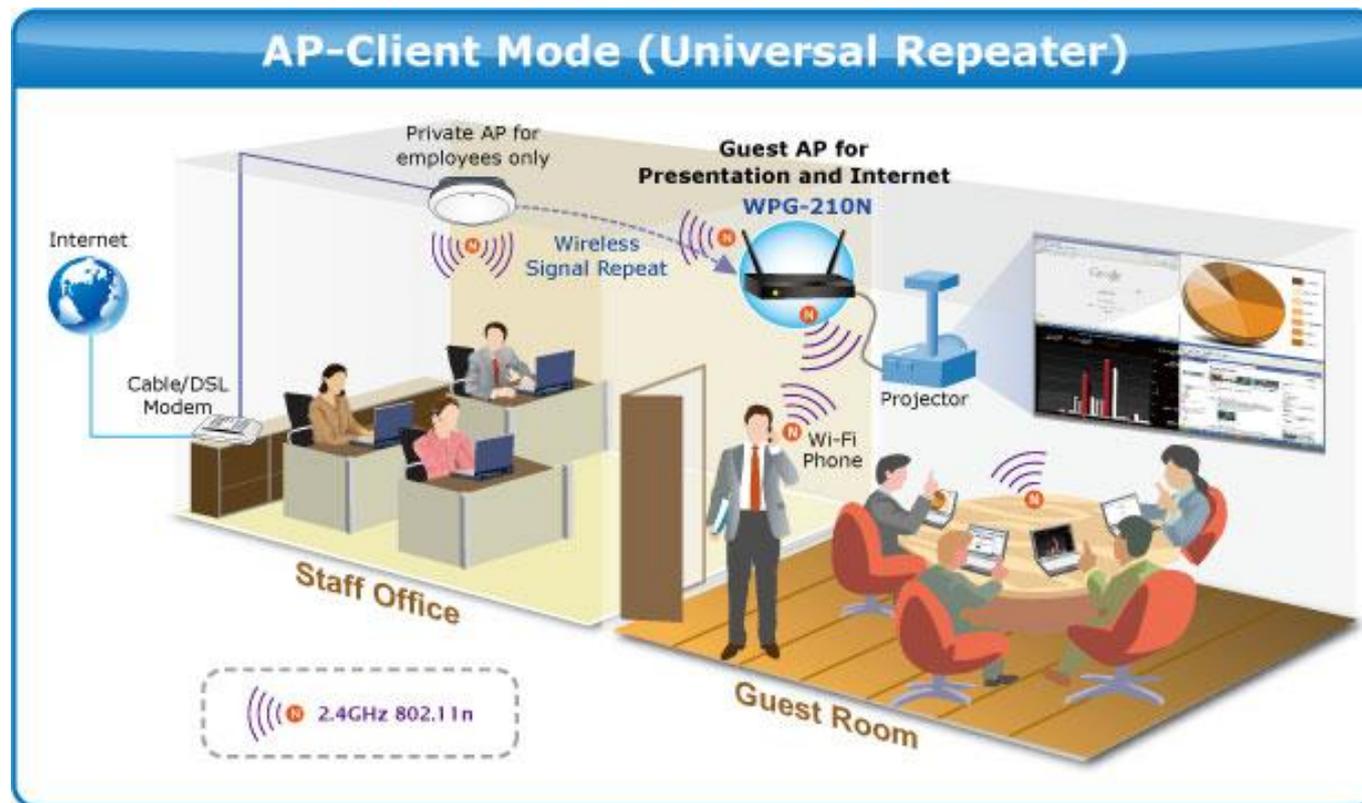
2. Plug your flash drive

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

| Model | WPG-210N | WPG-200N |
|--------------------------------|--|---|
| Features |  |  |
| 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 | PLANET WPG-210N | D-Link DPG-2100 | ViewSonic WPG-150 |
|---------------------------------------|---|--|---|
| Features |  |  |  |
| 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

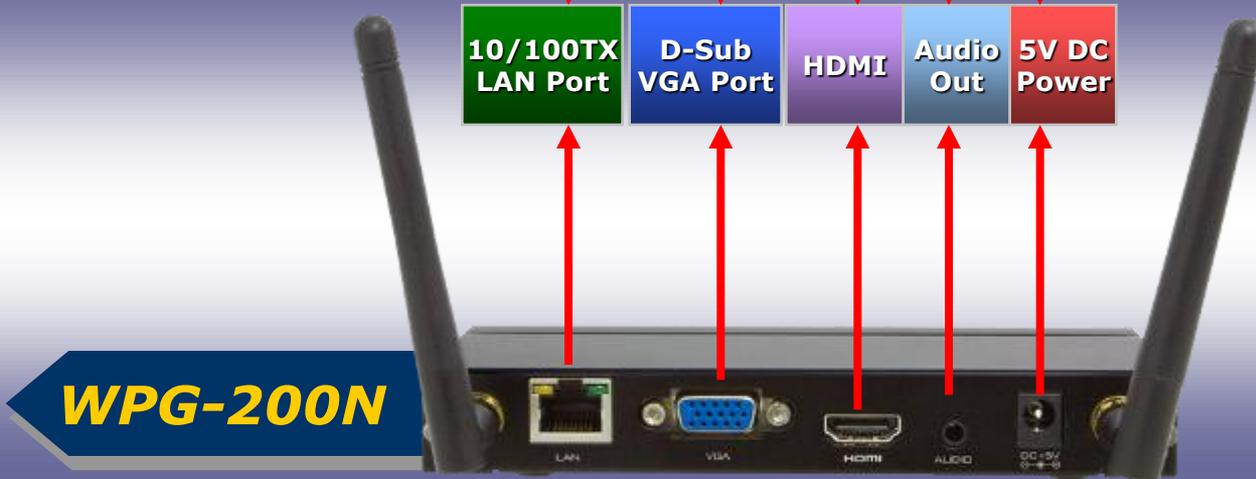
802.11n
150Mbps max.



WPG-200N

Appendix

WPG-210N vs. WPG-200N





ACTIVATING IP POWER