# 802.11n Wireless Presentation Gateway

## Features

- Wireless Multimedia Projection
- Up to 30fps Network Screen Projection
- VGA / 720P HDMI output
- 4-to-1 Split Screen Projection
- Audio / Video Streaming
- Plug & Show
- 802.11n Wi-Fi AP & AP-Client Mode
- Remotely Operable by Mouse / Keyboard
- Web browser / SNMP management
- Windows XP / Vista / 7 / 8, Mac OS X support
- Multiple users access
- Compact size convenient for installation and placement
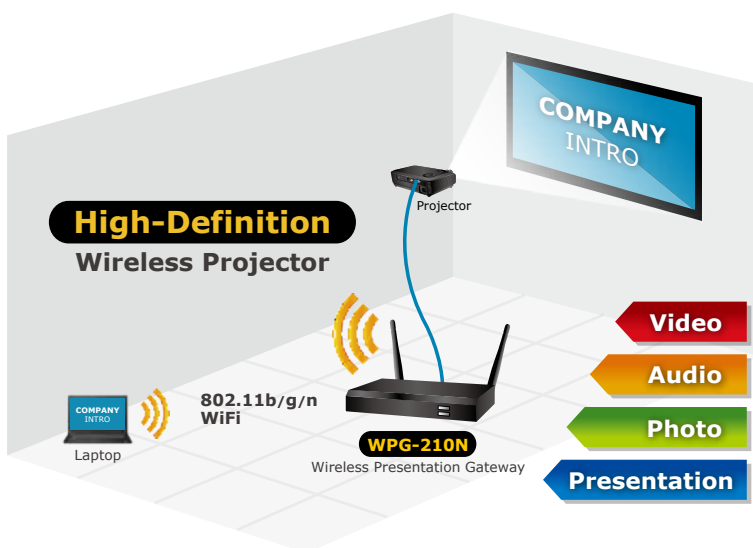
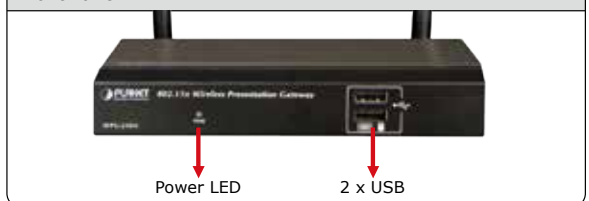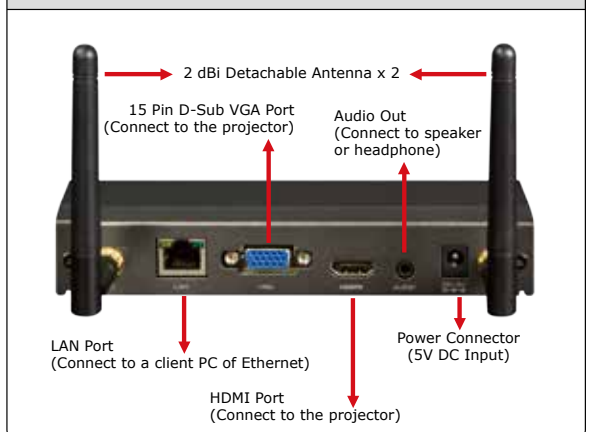### *Delivering Smooth Presentations Wirelessly*

PLANET WPG-210N is a wireless presentation gateway adopting IEEE 802.11n technology to provide 300Mbps high speed wireless transmission. It is equipped with both VGA and HDMI video output interfaces and one 10/100Mbps Ethernet port for LAN connection. With the hardware decoding capability, the WPG-210N can project high-definition video on the screen and audio through wireless or wired LAN connections. It facilitates multiple users to freely display the presentations, images and videos via wireless connection to a projector or LCD TV without using lots of cables.

**High-Definition**
**Wireless Projector**

COMPANY INTRO

Projector

Video

Audio

Photo

Presentation

COMPANY INTRO

Laptop

**802.11b/g/n WiFi**

**WPG-210N**
Wireless Presentation Gateway

**Front Panel**

Power LED          2 x USB

**Rear Panel**

2 dBi Detachable Antenna x 2

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

Audio Out
(Connect to speaker or headphone)

LAN Port
(Connect to a client PC of Ethernet)

HDMI Port
(Connect to the projector)

Power Connector
(5V DC Input)

*Smooth High Quality Multimedia Projection via Wireless Connection*

The WPG-210N supports real-time (30 frames per second) image screen speed and audio projection disregarding video format and resolution. Thus the WPG-210N can be used not only for office presentation but also for home entertainment. Home users can easily share the multimedia on the big monitor / screen with friends without the cabling hassle. Furthermore, the WPG-210N output resolution supports up to 1440 x 900 (WXGA+), which performs high quality display in presentation or full-motion video.



*Dual Video Output Interfaces*

To deliver a perfect presentation solution, the WPG-210N is equipped with two types of video output interfaces: the VGA and HDMI connectors which make it compatible with most of the popular display devices. You can connect it to any type of projector, LCD TV, or other large screen displays wirelessly right away.



*4-to-1 Split Screen Projection*

With this 4-to-1 split screen feature, the WPG-210N allows up to four PC / Laptop screens to be projected through one projector at the same time. Therefore, the participants can easily do a side-by-side comparison of the four PC / Laptops to increase meeting efficiency.
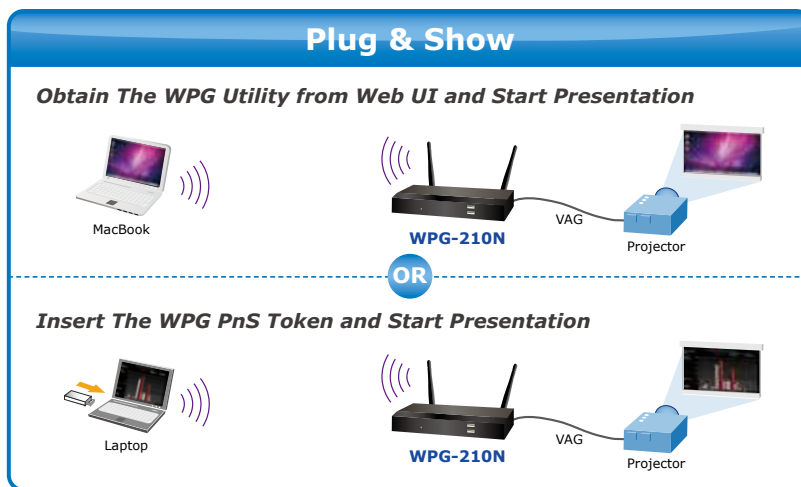
### High Speed 802.11n Wireless Connectivity

The WPG-210N features the latest IEEE 802.11n technology to provide improved wireless data rate speed up to 300Mbps and wider coverage. The incredibly wireless speed makes it ideal for handling high bandwidth video stream, VoIP and data streams at the same time stably and smoothly. It is also backward compliant with 802.11g and 802.11b standards and thus it is no need to change the existing network for maintaining connectivity.

### Easy to Use, Plug and Show

The embedded Windows-based utility enables the connected users to directly download the utility from the WPG-210N web UI or simply execute the utility from the created USB token. It offers the most convenient way for the new user to access to the presentation in seconds. Just link the PC / Laptop to the WPG-210N wirelessly or through Ethernet and the wireless projection can be performed via the connected projector easily.
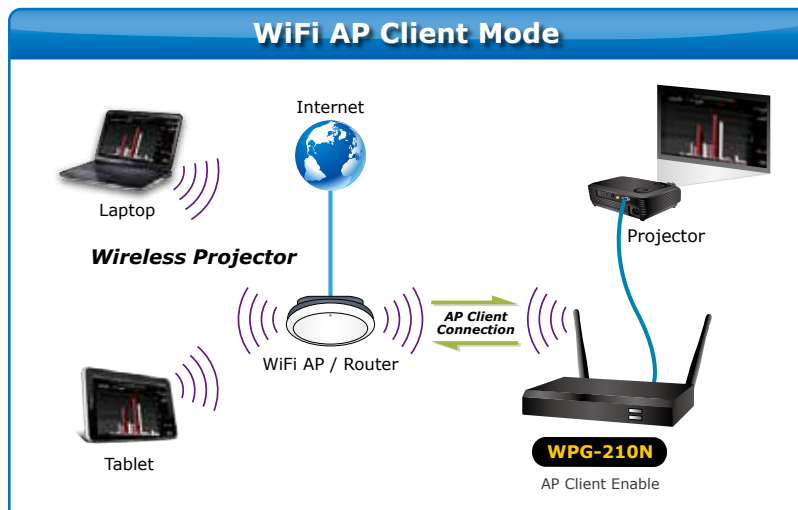


### Internet / Intranet Connectivity

The WPG-210N is also a Wireless Access Point. The 10/100Mbps LAN port and 11n wireless performance ensure the participants in the meeting are able to access the Internet and Intranet all the time, even while wireless presentations are projecting.

### Easy Integration in AP-Client Mode

Furthermore, you can activate the AP-client mode to enable the WPG-210N to join the existing Access Point through Wi-Fi. This feature provides the flexibility of wireless network deployment in enterprise environment.
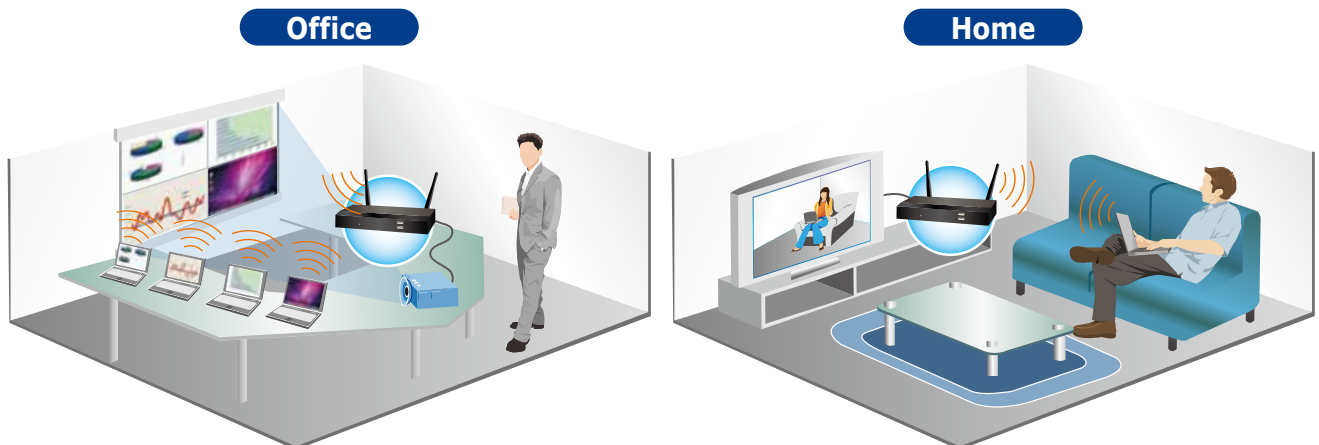
*Enabling Remote Desktop Control*

The WPG-120N supports USB interface for easy connection of USB keyboard and mouse. Users can just plug standard USB keyboard or mouse into the WPG-210N and then they are able to remotely control the PC or laptop but not have to stand still aside of PC or the WPG-210N.  Hence it makes the presentation even easier today.



# Application

*4-to-1 Split Screen Display through High Speed Wireless LAN*

Just connect the WPG-210N to the HDMI / VGA interface of the projector and users can immediately experience the convenience of presentation. Adopting the latest generation screen projection technology, the WPG-210N's screen workflow goes smoothly via 300Mbps wireless transmission. Moreover, the WPG-210N enables four users to wirelessly project their presentations in the main screen at the same time, thus bringing higher efficiency of meetings and group discussions.

# Specifications

| Model | WPG-210N | |
|---|---|---|
| **Hardware Specifications** | | |
| Interfaces | Video | VGA Port: D-Sub 15-Pin female port<br>HDMI 1.2 |
| | Audio Out | 2.5mm stereo jack |
| | LAN | 10/100Base-TX RJ-45 |
| | Wireless LAN | IEEE 802.11n 300Mbps |
| | USB Port | USB 2.0, Type-A, 5VDC / 0.5A output |
| Antenna | Gain | 2 x 2dBi RP-SMA detachable antenna |
| | Orientation | Omni-directional |
| LED Indicators | Green: Power on<br>Red: Init / firmware upgrade | |
| Material | Metal | |
| Dimensions(W x D x H) | 160 x 60.3 x 30 mm | |
| Weight | 312g | |
| Power | External power adaptor 5V DC input 2.6A<br>Multi-type swappable plug: US / EU / UK / AU | |
| Reset Button | Reset to Factory Default | |
| **Wireless Interface Specifications** | | |
| Standard | Compliant with IEEE 802.11n<br>Backward compatible with IEEE 802.11b/g | |
| Frequency Band | 2.412 ~ 2.4835GHz | |
| Wireless Data Rate | Up to 300Mbps | |
| Wireless Channel | America/ FCC: 2.412~2.462GHz (11 Channels)<br>Europe/ ETSI: 2.412~2.472GHz (13 Channels)<br>Japan/ TELEC: 2.412~2.4835GHz (14 Channels) | |
| Receive Sensitivity | IEEE 802.11b: 11M -76dBm<br>IEEE 802.11g: 54M -67dBm<br>IEEE 802.11n: 65M (HT20) -64dBm<br>                300M (HT40) -61dBm | |
| Wireless Security | IEEE Standard 64/128 bit WEP / WPA / WPA2-PSK | |
| Operation Mode | AP (Access Point)<br>AP-Client | |
| **Video Display** | | |
| PC / Laptop Resolution | SVGA (800x600) / XGA (1024x768)<br>SXGA (1280x1024) / WXGA (1280x768)<br>WSXGA (1440x900, 1600x1024) / UXGA (1600x1200)<br>WUXGA (1920x1200) / QXGA (2048x1536) / Others | |
| Output Resolution | **VGA:**<br>SVGA (800x600) / XGA (1024x768)<br>WXGA (1280x768) / WXGA (1280x800)<br>WXGA (1360x768) / WXGA+ (1440x900)<br>**HDMI:**<br>720P (1280x720) | |
| **System Management** | | |
| Protocol | TCP/IP | |
| IP Configuration | Automatic: DHCP<br>Manual: Static IP address | |
| Management | Web-based configuration | |
| Supported Windows Account Right | Administrators<br>Limited User<br>Guest | |
| Supported Operating System | Windows XP / Vista / 7 / 8<br>Mac OS X 10.5 and later | |
| Software Features | 4-to-1 split screen<br>Audio Projection<br>Remote Desktop Control<br>Virtual Extended Desktop (Windows platform)<br>Audio Latency Control<br>Conference Control<br>Gatekeeper<br>Advanced Screen Capture (Windows platform) | |

| Language Support | English<br>Traditional Chinese<br>Simplified Chinese<br>Japanese<br>Korean |
|---|---|

**System Management**

| IEEE Standards | IEEE 802.11n (2T2R, up to 300Mbps)<br>IEEE 802.11g<br>IEEE 802.11b<br>IEEE 802.3 10Base-T<br>IEEE 802.3u 100Base-TX |
|---|---|

**Environment**

| Temperature | Operating: 0 ~ 40 degrees C<br>Storage: -10 ~ 60 degrees C |
|---|---|
| Humidity | Operating: 10 ~ 90% (non-condensing)<br>Storage:   10 ~ 80% (non-condensing) |

## Ordering Information

| WPG-210N | 802.11n Wireless Presentation Gateway |
|---|---|

## Related Products

| WPG-130N | Portable Wireless Presentation Gateway |
|---|---|
| WDL-U700 | 300Mbps Dual Band 802.11n Wireless USB Adapter |
| WNL-U556M | 300Mbps 802.11n Wireless Micro-size USB Adapter |
| WNL-U554A | 802.11n Wireless Adapter |

* For best performance and wireless connection, sincerely advise to match the above related products.

**C-WPG-210N**