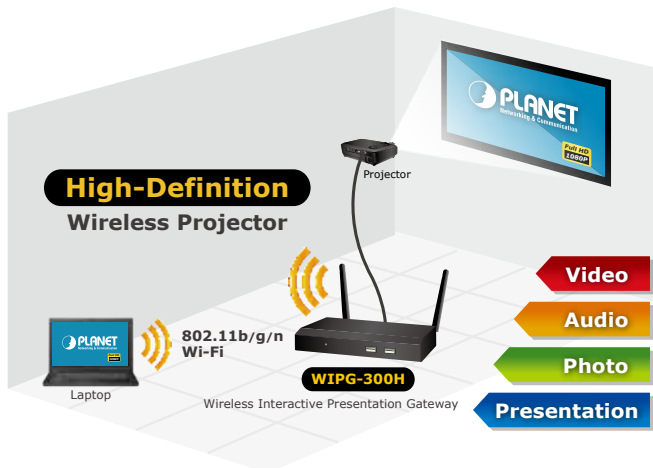# 802.11n Wireless Interactive Presentation Gateway

Wireless Interactive Presentation Gateway

PLANET WIPG-300H adopting IEEE 802.11n wireless technology brings smooth display through the 300Mbps high-speed wireless connection or the wired 100Mbps Fast Ethernet connection to project the screen of desktop PC, Mac or smartphone to make professional and interactive presentation.

- Wirelessly project Multimedia with laptops, Macs and mobile devices

- Remote/ Reverse control and VGA / 1080p HDMI output

- 4-to-1 Split Screen projection

- Audio / Video Streaming

- Plug & Show

- 802.11n Wi-Fi AP and AP-Client mode

- Mouse / Keyboard remote operation

- USB over IP for touch screen and IWB

- Web browser management

- Windows XP / Vista / 7 / 8, Mac OS X, iOS and Android support

- Multiple users access in standby and conference modes

- WebSlides feature makes simultaneous users easy to save slides

- Compact size convenient for installation and placement

Intelligent 1080p Full HD Wireless Projection

The WIPG-300H can optimize resolution based on the automatically transmitting device. It supports display with multiple resolutions and audio projection disregarding video format and resolution. Its HDMI output resolution can be increased to **1080p** (1920 x 1080 pixels), making it a high-definition display perfect for presentation and video. Thus, the office presenter or the home users can easily share the multimedia on the big monitor / screen with others without the hassle of cabling.

Wireless Interactive Touch

Furthermore, the WIPG-300H adopts an interactive feature with IWB (Intelligent White Board) and Mobile apps which enable users to reverse control or synchronize screen display for different platforms. This helps the WIPG-300H achieve a real, full wireless presentation environment.

Mobile Applications

The WIPG-300H supports not only the Windows and Mac platforms, but also the presentation and screen mirroring through the iPad, iPhone, or the android mobile device. Apps for mobile devices working on the WIPG-300H are freely available at Google Play and Apple App Store.

Flexible Projection via Dual Video Output Interfaces

To deliver a perfect presentation solution, the WIPG-300H offers choice of the two types of video output interfaces: the VGA or HDMI connector, which is compatible with most of the popular display devices. With the hardware decoding capability, the WIPG-300H can project high-definition sound film through wireless or wired LAN connections. It facilitates multiple users to freely display the presentations, images and videos via connecting to a projector or LCD TV without complex installation.
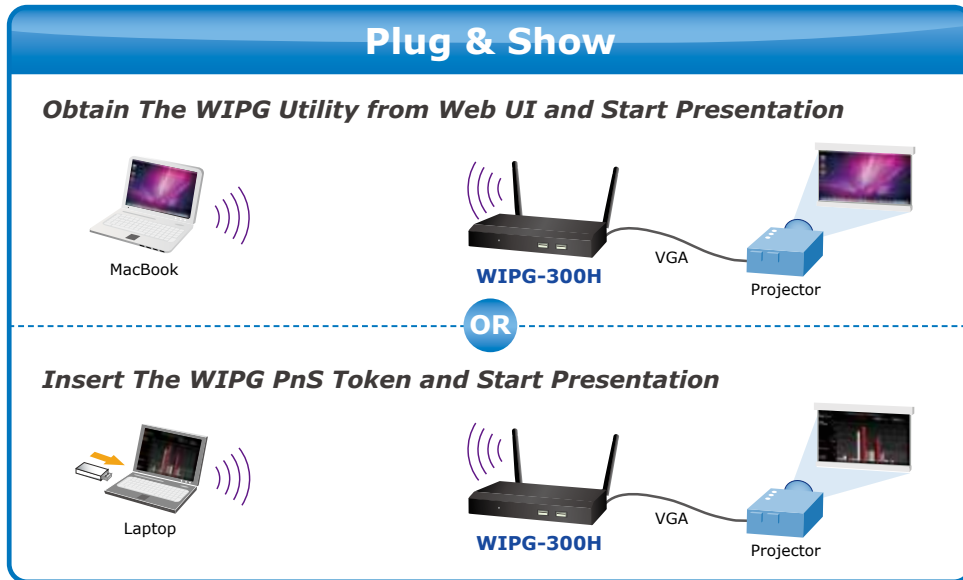
4-to-1 Split Screen Projection

With this 4-to-1 split screen feature, the WIPG-300H allows up to four PC / Laptop screens to be projected through one projector at the same time. Therefore, the participants can easily do side-by-side comparison from four PCs / laptops to make the presentation more efficient.
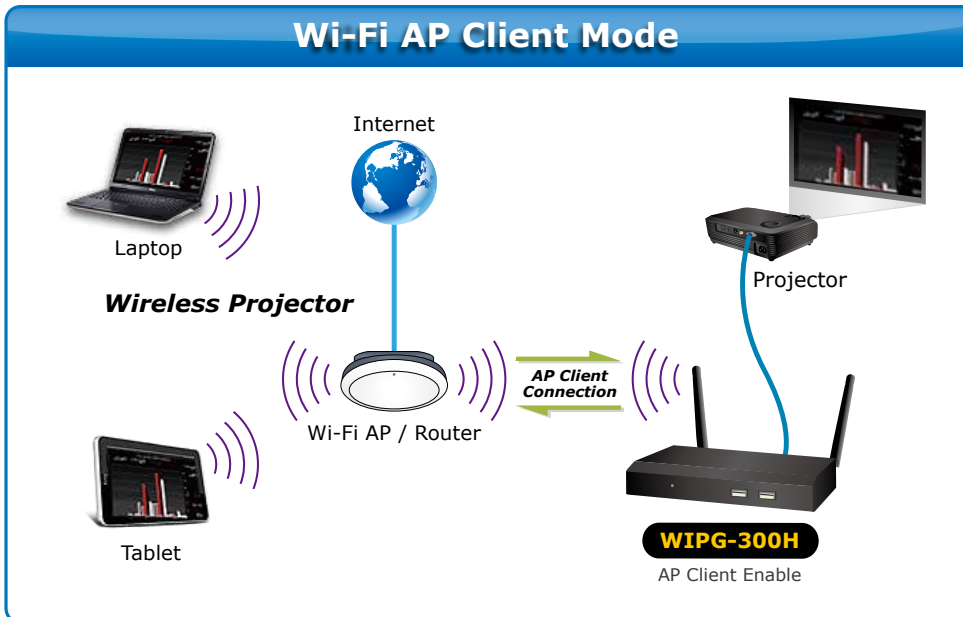
Easy to Use, Plug & Show

The embedded Windows-based utility enables the connected users directly download the utility from the WIPG-300H web UI or simply execute the utility from the created USB token. It offers the most convenient way for the new user to access the presentation in seconds. Just link the PC / Laptop to the WIPG-300H through wireless or Ethernet, the wireless projection can be performed via the connected projector easily.

Plug & Show

Obtain The WIPG Utility from Web UI and Start Presentation

MacBook   WIPG-300H   VGA   Projector

OR

Insert The WIPG PnS Token and Start Presentation

Laptop   WIPG-300H   VGA   Projector

Internet / Intranet Connectivity through AP Client Mode

The WIPG-300H is also a Wireless Access Point. Its 10/100Mbps LAN port and 11n wireless performance ensure the participants in the meeting that they are able to access the Internet and Intranet all the time, even while wireless presentations are projecting. You just need to activate the AP-Client mode function to let the WIPG-300H join the existing Access Point through Wi-Fi. This feature provides the flexibility of wireless network deployment in enterprise environment.

Wi-Fi AP Client Mode

Internet

Laptop

Wireless Projector

Projector

Wi-Fi AP / Router   AP Client Connection

Tablet

WIPG-300H
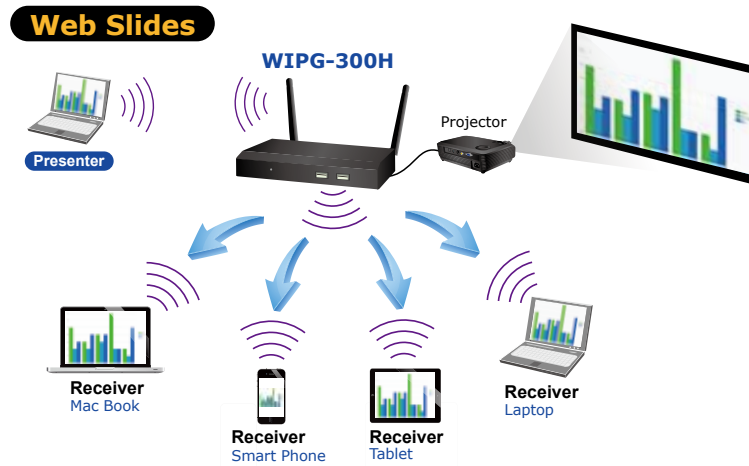AP Client Enable

3

Remote Desktop

Plug standard USB keyboard or mouse into the USB port on the front panel of the WIPG-300H to enable you to control your PC remotely. You don't have to stand still beside the PC or the WIPG-300H, thus delivering your presentation easily and freely.

Applications

Interactive Presentation with UoIP and Mobile Apps

The WIPG-300H features UoIP (**USB over IP**) technology which can connect touch screen by using USB cable to wirelessly control the touch screen. The WIPG-300H provides iOS and Android Interactive applications such as **Web Slides** that can allow audience to use web browser to view the speaker's slides, or the **Sidepad** function to control the projection screen on PC or Mac via mobile devices.

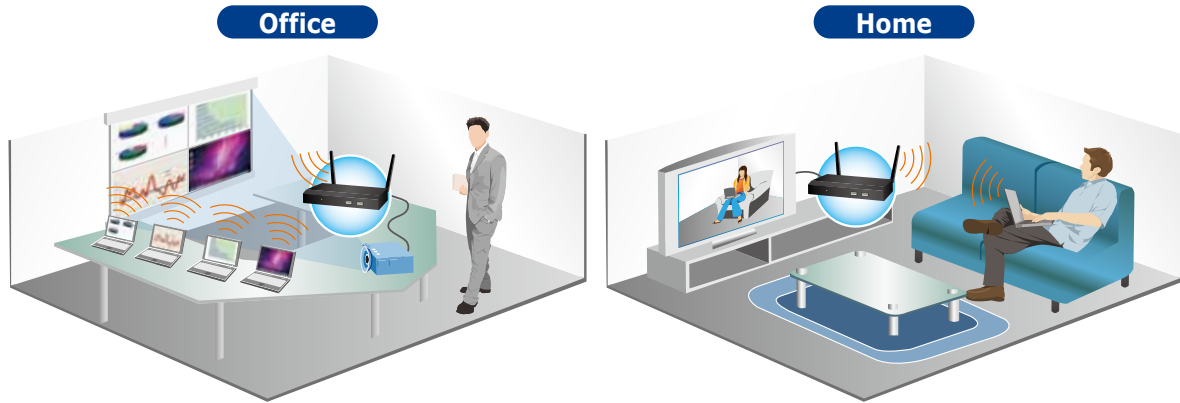Open your web browser and view presentation slides on your devices

Remotely control your laptop with your mobile device when projecting

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

Just connect the WIPG-300H 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 WIPG-300H's screen workflow goes smoothly via 300Mbps wireless transmission. Moreover, the WIPG-300H 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

Product	WIPG-300H	
Hardware Specifications		
Interfaces	Video	VGA Port: D-sub 15-pin female port HDMI 1.4b
	Audio Out	3.5mm stereo jack
	LAN	10/100BASE-TX RJ45
	Wireless LAN	IEEE 802.11n 300Mbps
	USB Port	3 x USB 2.0, Type-A, 5V DC, 0.5A output
Antenna	Gain	2 x 2dBi RP-SMA detachable antenna
	Orientation	Omni-directional
LED Indicators	Green: Power on Red: System POST (Power on self-test) / firmware upgrade	
Material	Metal	
Dimensions (W x D x H)	150 x 59 x 25 mm	
Weight	243g	
Power	External Power adaptor 5V DC input, 2.6A Multi-type swappable plug: US / EU / UK / AU	
Reset Button	> 10 sec while booting: Reset to Factory Default	
Wireless Interface Specifications		
Standard	Compliant with IEEE 802.11n Backward compatible with IEEE 802.11b/g	
Frequency Band	2.412 ~ 2.462GHz	
Wireless Data Rate	Up to 300Mbps	
Wireless Channel	2.412~2.462GHz (11 Channels)	
Receive Sensitivity	802.11b: less than -80 dBm (11Mbps) 802.11g: less than -70 dBm (54Mbps) 802.11n: less than -61 dBm at HT40 MCS7 802.11n: less than -64 dBm at HT20 MCS7	
Wireless Security	IEEE Standard 64/128 bit WEP / WPA / WPA2-PSK	
Operation Mode	▪ AP (Access Point) ▪ AP Client	
Video Display		
Supported Output Resolution	**VGA:** SVGA (800x600) / XGA (1024x768) WXGA (1280x768) / WXGA (1280x800) WXGA (1360x768) / WXGA+ (1440x900) UXGA (1600x1200) **HDMI:** 720p (1280x720) / 1080i (1920x1080) / 1080p (1920x1080)	

System Management	
Protocol	TCP/IP
IP Configuration	Automatic: DHCP Manual: Static IP address
Management	Web-based configuration , SNMP
Supported Windows Account Right	Administrators Limited User Guest
Supported Operation System	Windows XP / Vista / 7 / 8 Mac OS X 10.7 and above Android 2.4 and above iOS 4.3 and above
Software Features	4-to-1 split screen Audio Projection Remote Desktop Control Virtual Extended Desktop (Windows platform) Audio Latency Control Conference Control Gatekeeper Advanced Screen Capture (Windows platform) Webslides(max. 90 concurrent users supported; 35 concurrent users recommended) SidePad MirrorOP Presenter
Language Support	English Traditional Chinese Simplified Chinese Japanese Korean French
Standard Conformance	
IEEE Standards	IEEE 802.11n (2T2R, up to 300Mbps) IEEE 802.11g IEEE 802.11b IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX
Environment	
Temperature	Operating: 0 ~ 40 degrees C Storage: -10 ~ 60 degrees C
Humidity	Operating: 10 ~ 90% (non-condensing) Storage: 10 ~ 80% (non-condensing)

Ordering Information

WIPG-300H	802.11n Wireless Interactive Presentation Gateway

Related Wireless Products

WTV-3000	Wireless Display TV Adapter
WDL-U600AC	433Mbps 802.11ac Dual Band Wireless USB Adapter
WNL-U556M	300Mbps 802.11n Wireless Micro-size USB Adapter
WNL-U554A	150Mbps 802.11n Wireless Adapter

WIPG-300H