



Wireless Media Solution

Grastron's wireless media series, dedicated to providing the simplest BYOD presentation, collaboration and video conferencing experience in working and learning spaces.

Compared with traditional pro A/V connection in working and learning spaces, wireless presentation system not only eliminates the messy cables to keep the table clean, it also encourages collaboration between attendees and make the meeting/learning more productive, and due to the easy-to-use, easy-to-deploy, easy-to-management attributes, wireless presentation system has been widely used in enterprise, education schools in recent years, more and more brands are investing in this solution both from pro AV and IT industry.

With the influence of pandemic, contactless and hybrid working/learning may become the new normal of our daily life, Bring Your Own Device and Bring Your Own Meeting are the most accepted way for today's working and learning environment, a wireless solution that's ease of use and combines the capabilities of BYOD presentation, collaboration and soft-conferencing will win the market.

Grastron is the pioneer manufacturer in this field in China, unlike other manufacturers with broad product lines, we have been dedicated to wireless media solution since 2015 and continuously investing our R&D resource on it to keep pace with the latest technology , we have been also working closely with our OEM/ODM partners, fixed hundreds of bugs and features, to make it the most featured and reliable wireless media solution in the market. With our latest products, people can share content, collaborate with both in-room and remote attendees wirelessly, whatever devices they use, wherever they sit, no messy cables, no hassle of A/V knowledge, people just need focus on the conference, our products will back up everything smoothly.

All your expecting with the most advanced wireless media solution can be found here!



BYOD content sharing

We provide the richest options to users in this market, either by wired HDMI input or wireless casting, people can choose native OS mirroring protocols like Airplay, Miracast, Chromecast, or through our HDMI/USB-C dongles (no patent issue), and Apps are also available for different platforms.



Digital annotation and whiteboard

We provide native annotation and whiteboard function, so people can highlight points or brainstorm during meeting, besides this, people can also save these drafts locally or take them to their mobile devices by scan the QR code on the screen.



Split windows view

We provide up to 4 split windows to view in a single display, and the layout can be customized and automatically switched according to the sources quantity.



Broadcasting and live streaming

Especially in a education environment, when people sit quite far away from the display, it will be easier for them to keep pace with teaching, if they can view the content on their own devices, even they can snap the content and save to their devices for review.



Flexible video conference integration

With our latest product, it allows people to use their preferred UC platforms on their own devices, to collaborate with both in-room and remote participants, it wirelessly connects the roomUSB peripherals like camera, microphone, soundbar and also the display to the meeting's laptop, meantime content on the display can be also shared to remote participants so everyone can be fully engaged.



Moderator control

It is essential for learning environment or formal conference, to control the content displayed on the screen and process of meeting, when moderator mode is activated with our product, people can preview the content before dropping it to the screen, and also available to pause the wireless casting function to avoid any interruption.



Security

We deploy the best-in-class encryption standards like AES and RSA, to make sure the meeting data transferred through the network will not be attacked by any unauthorized visitors.



Central management

We provide central management platform with standard web browser, to help IT/integrator to monitor, configure and control all the devices deployed easily anywhere they are.

THE FIVE REASONS

Choose Grastron's Wireless Media Solution

1

Top features option

We have provided a series of products with different locations for our customers to choose and customize, all the leading features in the market you can find from us.

2

Most stable quality

Our wireless media products has been evolved with 4 generations since 2015, it has been tested working with hundreds of different A/V and USB devices, enormous amount of bugs have been fixed through these years, we're fully confident the devices delivered to your hands are with the best compatibility.

3

Professional OEM/ODM service

Besides providing regular product customization and manufacturing service, we can also help ground any concept/idea into real product by our strong R&D capability, meantime, with our rich experience in wireless media industry, we can help our customer avoid unnecessary trouble from patent issue.

4

Different markets suited

Besides tailoring for conference room and education scenarios, we're also developing it to fit more applications like digital signage, so our customer can unlock more market possibilities.

5

Continuous focus and investment

Besides pursuing the latest technology and applying them to our products, we always investigate and meditate on what's missed from the existed solution, and what's the real need from end users, our goal is to be the most trusted and reliable wireless media solution provider and manufacturer.



Parameter comparison table

Items	Sub-items	WPH-10	WP-11	WP-12	WP-14	WU-10
Wired connection	HDMI 2.0 in	√	-	-	-	-
	HDMI 2.0 out	√	√	√	√	√
	USB-A 2.0	2	1	1	1	1
	USB-A 3.0	-	1	1	1	1
	USB-C	-	1	1	1	1
	LAN (100 M)	1	1	1	1	1
	LAN (1000 M)	-	-	1	1	1
	PoE	√	-	√	√	√
	Audio out	1	1	1	1	1
	RS232	-	-	1	1	1
	Antenna	2	2	2	2	2
Wireless casting	Airplay	√	√	√	√	√
	Miracast	√	√	√	√	√
	Chromecast	-	√	√	√	√
	App for different OS	-	√	√	√	√
	USB disk	√	√	√	√	√
	HDMI Dongle	√	√	√	√	√
	Type-C dongle	√	√	√	√	√
	1080P in	√	√	√	√	√
	video frame rate	20-60 fps	20-60 fps	20-60 fps	20-60 fps	20-60 fps
	Latency	<130ms	<100ms	<100ms	<100ms	<100ms
Collaboration	Wireless touch back	√	√	√	√	√
	Wireless conferencing	-	-	-	-	-
	Whiteboard & Annotation	√	√	√	√	√
	Split-screen	-	-	2	4	4
	Remote view	√	√	√	√	√
Control	OSD control	√	√	√	√	√
	Web UI control	-	√	√	√	√
	Moderator mode	-	√	√	√	√
	3rd party control	√	√	√	√	√
Secruity	Dynamic wifi password	√	√	√	√	√
	Dual network	-	-	√	√	√
	Data encryption	AES & RSA	AES & RSA	AES & RSA	AES & RSA	AES & RSA
Management platform	Batch configuration	√	√	√	√	√
	Batch upgrade	√	√	√	√	√
	User management	√	√	√	√	√

Model Reference: WU-10

WU-10 is our new wireless conference product that's designed to meet today's hybrid workforce's requirement with not only local presentation but also collaborate with remote participants, it enables people to connect the room camera, mic, speaker and display with their own laptops wirelessly, so people can make full use of room A/V system to collaborate with both in-room and remote meeting participants, without cable limitation and hassle.



Wireless



Easy



BYOD



BYOM



Split-screen

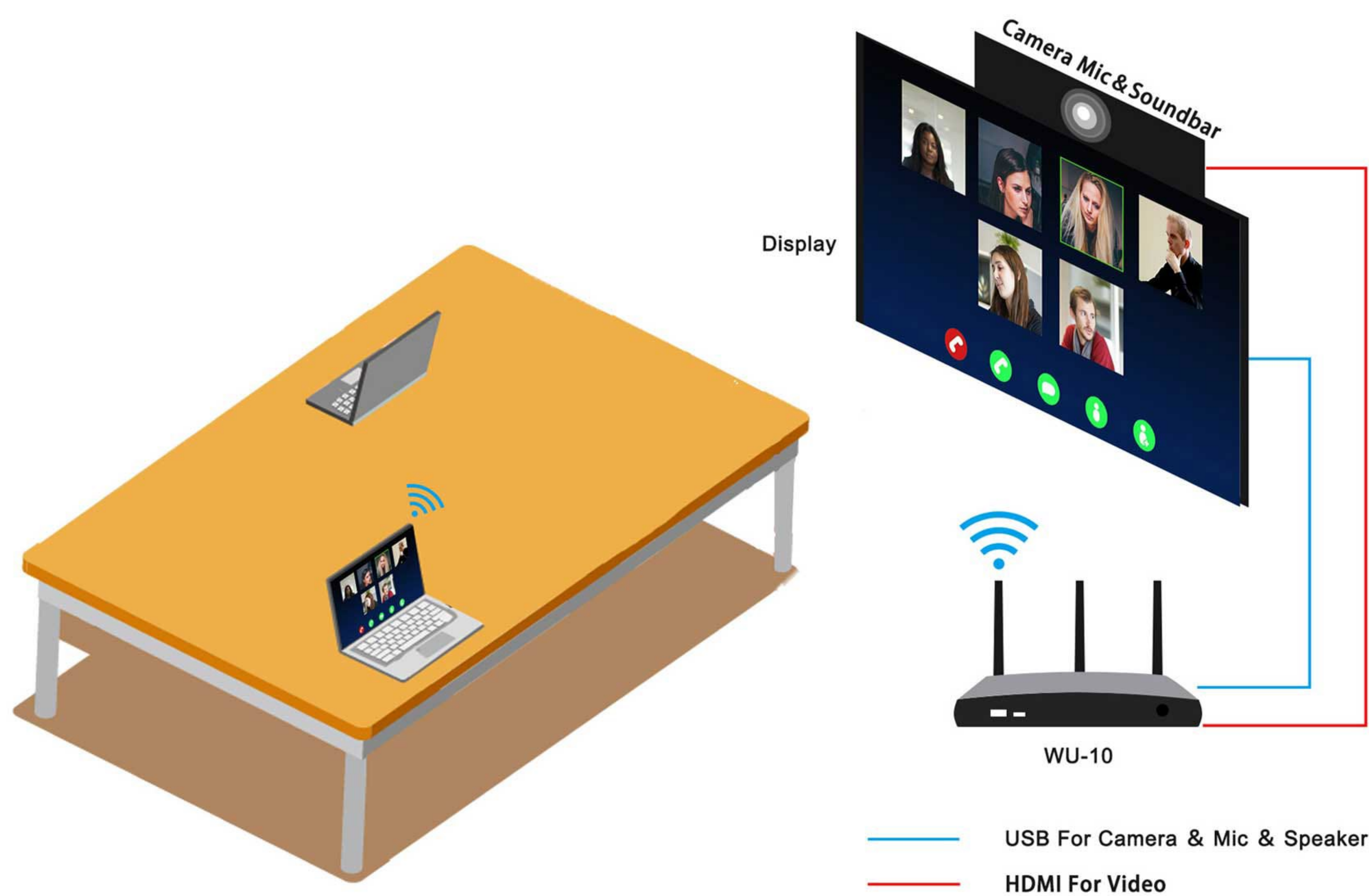


Security

Key Benefits:

- * Pure wireless presentation experience, bring your own device, no cable messy.
- * Wireless connection between your laptop and room USB peripherals like camera, mic and speakers for easy video conference.
- * Fully compatible with mainstream VC platforms like teams, zoom, webex, etc.
- * Wireless content input up to 1080P, HDMI 2.0 output
- * Support native wireless mirroring protocols like Airplay, Miracast, Chromecast
- * Support plug-n-play HDMI/Type-C/U disk dongles for wireless connection
- * Support Windows APP for wireless connection (MAC APP will be available soon)
- * Support 4 split screen view
- * Support wireless touch back on interactive whiteboard/touch screen
- * Best-in-class data security with dual network and high standard encryption
- * PoE supported, saving PSU when connecting with PoE ethernet switch
- * OSD control with preview function
- * Support whiteboard and annotation
- * Customizable home screen page
- * Central management platform available

System Diagram:



Model Reference: WP-10

WP-10 is an entry-level wireless presentation product, it aims to replace the legacy Pro-AV switcher with the least cabling and least cost to meet the basic presentation requirement in a conference room or classroom, it allows people to bring their own devices to share content anywhere they sit and also easily collaborate with others.





Wireless



Easy



BYOD



Budget-friendly

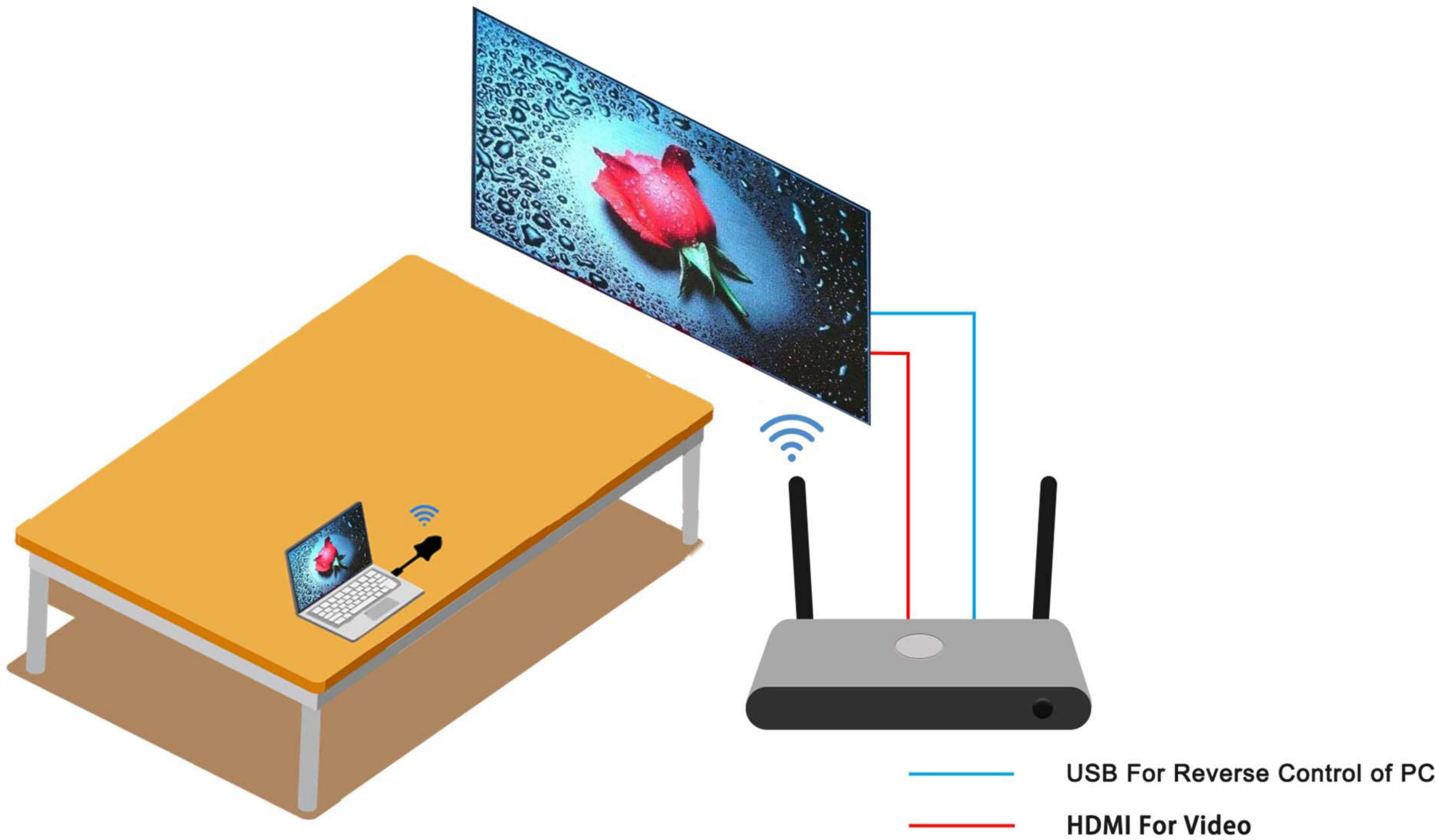


Security

Key Benefits:

- * Pure wireless casting experience, bring your own device, no cable messy.
- * Wireless content input up to 1080P, HDMI 2.0 output
- * Support native wireless mirroring protocols like Airplay, Miracast, Chromecast
- * Support plug-n-play HDMI/Type-C/U disk dongles for wireless presentation
- * Support Android, MAC and Windows APP for wireless presentation
- * Support wireless touch back on interactive whiteboard/touch screen
- * Best-in-class data security with high standard encryption
- * OSD control with preview function
- * Support whiteboard and annotation
- * Customizable home screen page
- * Central management platform available

System Diagram:



Model Reference: WP-12

WP-12 is an upgrade version of WP-11, besides providing the full features of WP-11, it adds the capability of 2 split screen view,allowing people to share 2 contents simultaneously, meantime, it upgrades the network security with providing 2 ethernet ports to separate the guest and employee network.



Wireless



Easy



BYOD



Split-screen

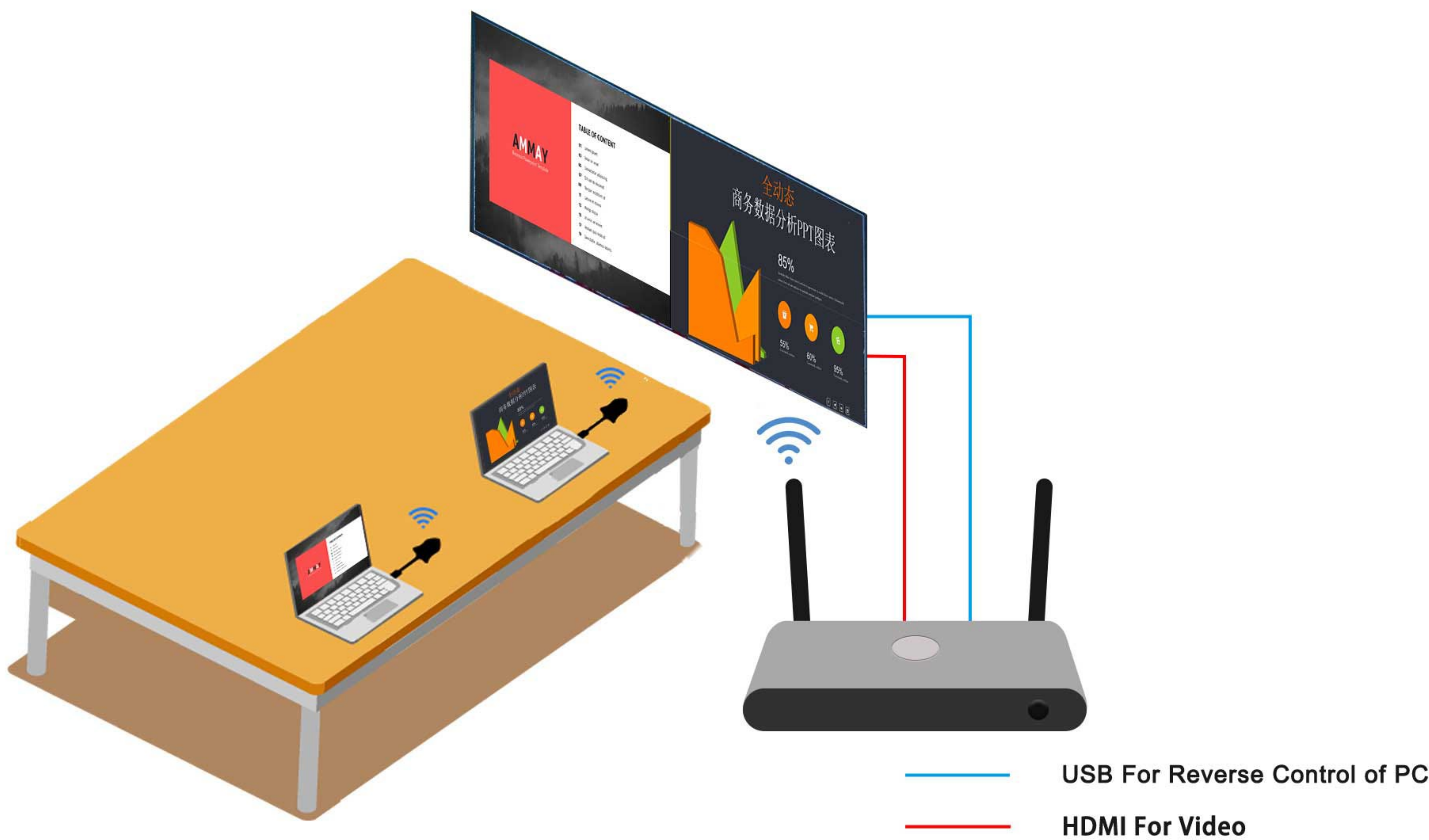


Security

Key Benefits:

- * Pure wireless casting experience, bring your own device, no cable messy.
- * Wireless content input up to 1080P, HDMI 2.0 output
- * Support native wireless mirroring protocols like Airplay, Miracast, Chromecast
- * Support plug-n-play HDMI/Type-C/U disk dongles for wireless presentation
- * Support Android, MAC and Windows APP for wireless presentation
- * Support 2 split screen view
- * Support wireless touch back on interactive whiteboard/touch screen
- * Best-in-class data security with dual network and high standard encryption
- * PoE supported, saving PSU when connecting with PoE ethernet switch
- * OSD control with preview function
- * Support whiteboard and annotation
- * Customizable home screen page
- * Central management platform available

System Diagram:



Model Reference: WP-14

WP-14 is an upgrade version of WP-12, besides providing the full features of WP-12, it enhances the capability of split screen, it allows up to 4 sources to be viewed simultaneously in a single screen.




Wireless


Easy


BYOD

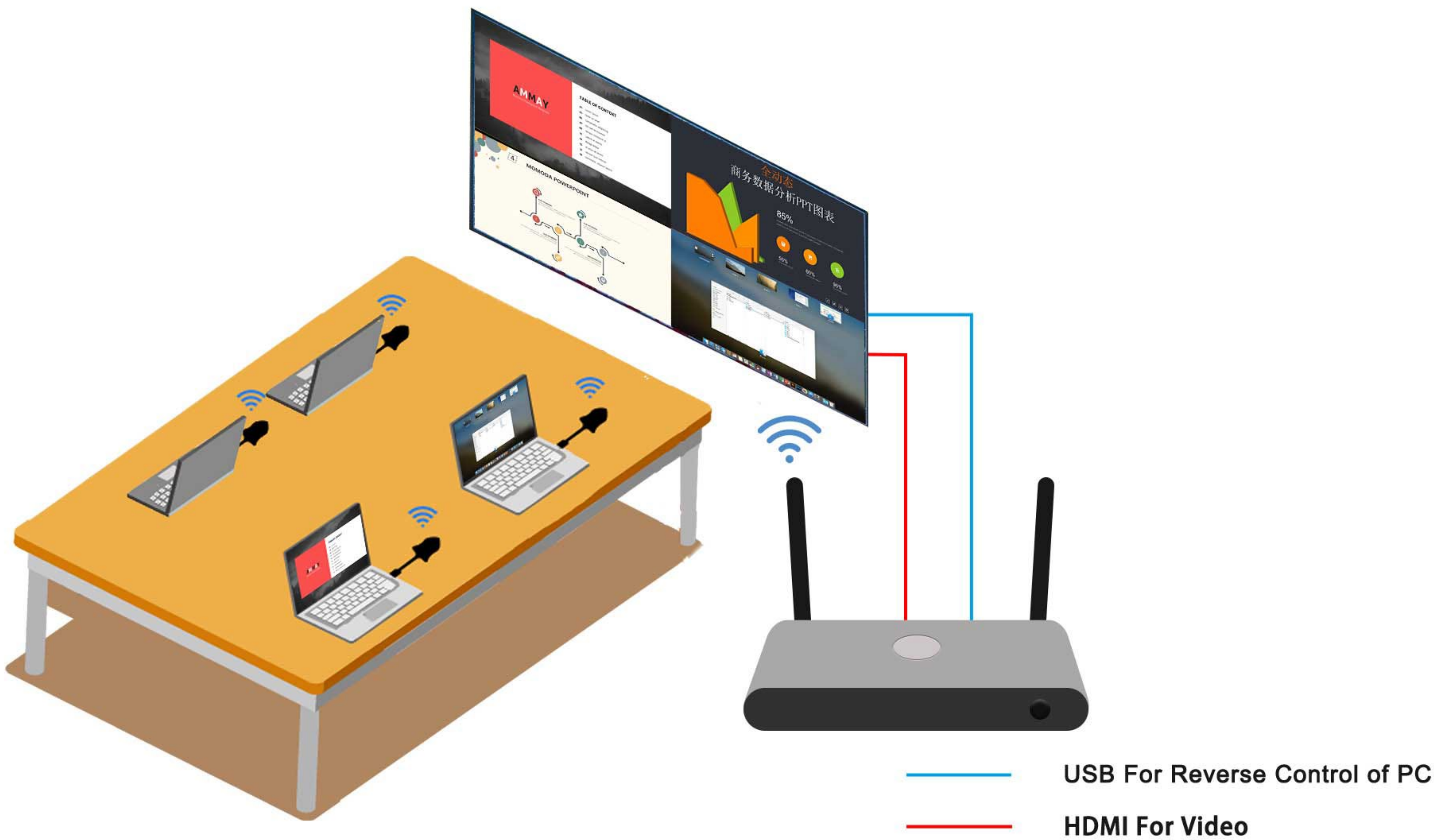

Split-screen


Security

Key Benefits:

- * Pure wireless presentation experience, bring your own device, no cable messy.
- * Wireless content input up to 1080P, HDMI 2.0 output
- * Support native wireless mirroring protocols like Airplay, Miracast, Chromecast
- * Support plug-n-play HDMI/Type-C/U disk dongles for wireless presentation
- * Support Android, MAC and Windows APP for wireless presentation
- * Support 4 split screen view
- * Support wireless touch back on interactive whiteboard/touch screen
- * Best-in-class data security with dual network and high standard encryption
- * PoE supported, saving PSU when connecting with PoE ethernet switch
- * OSD control with preview function
- * Support whiteboard and annotation
- * Customizable home screen page
- * Central management platform available

System Diagram:



Model Reference: WPH-10

WPH-10 is our 1st wireless presentation product that providing wired access to legacy source with HDMI interface, that means people can choose wireless casting ways for easy and convenient presentation, meantime available to connect with some sources for fixed or high quality output, for example it will perfectly work in a conference room or classroom with room PC installed.



Wireless



Easy



BYOD



HDMI input

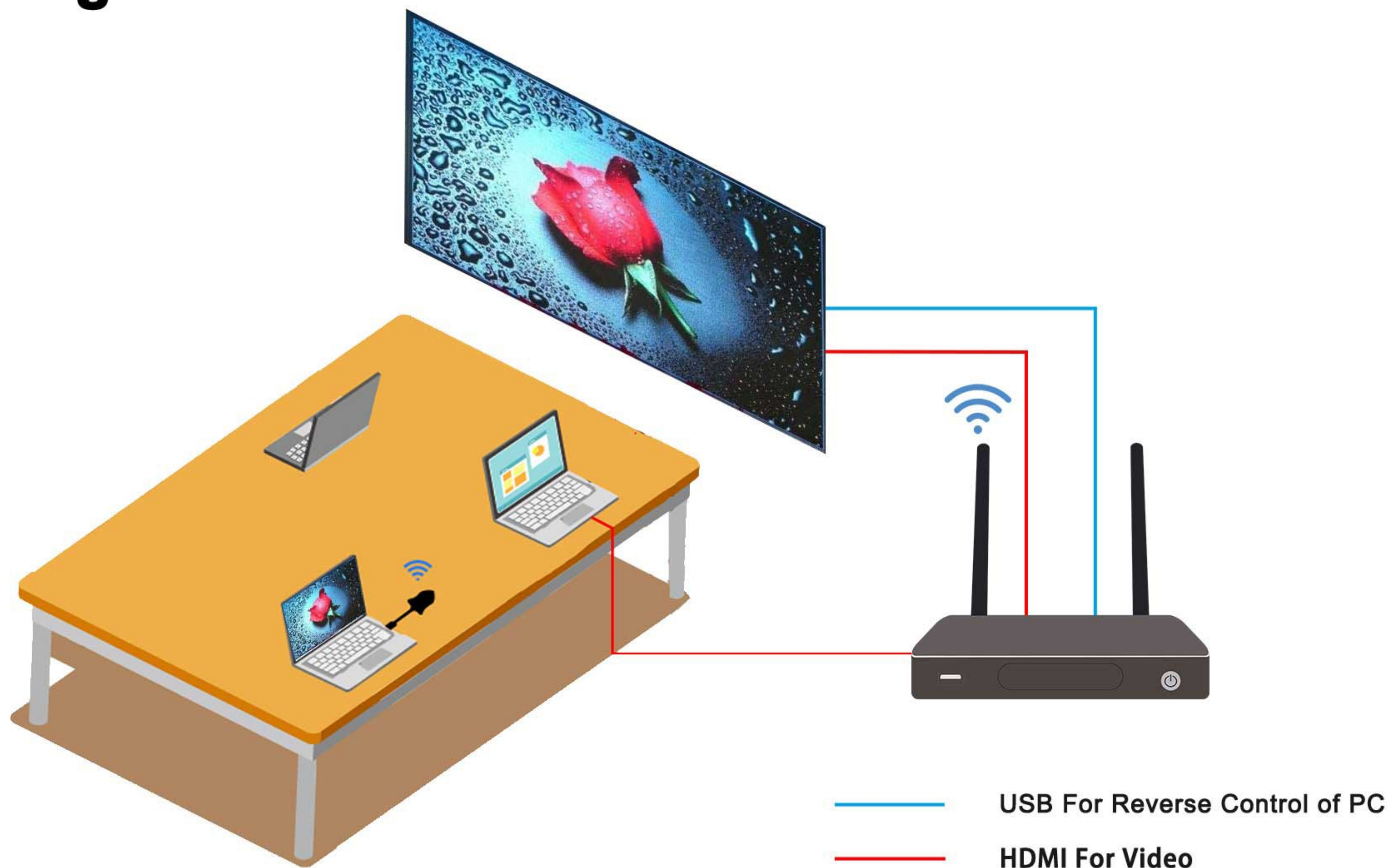


Security

Key Benefits:

- * Support both wired HDMI connection and wireless casting
- * HDMI 2.0 input and HDMI 2.0 output, wireless content input up to 1080P
- * Support native wireless mirroring protocols like Airplay, Miracast
- * Support plug-n-play HDMI/Type-C/U disk dongles for wireless presentation
- * Support IOS, Android, MAC and Windows APP for wireless presentation
- * IOS and Android Apps can choose files to share like photos, videos, documents besides mirroring desktop
- * Support wireless touch back on interactive whiteboard/touch screen
- * Support remote view and reverse control of the content on display from IOS and Android Apps
- * IOS and Android devices can be simulated as mouse to annotate
- * Best-in-class data security with high standard encryption
- * PoE supported, saving PSU when connecting with PoE ethernet switch
- * OSD control with preview function
- * Customizable home screen page
- * Central management platform available

System Diagram:



Model Reference: DG-mini

DG-mini is an USB disk that work compliantly with all of our wireless media bases, it provides 2 connection ports with either USB-A or USB-C, it's designed to bring convenience to those people who are the 1st time to use the wireless sharing system like guest and don't know where to find the App, after installation of the right App in the laptop, it will automatically connect with the paired base unit, saving trouble to connect manually, and even from the 2nd time, the laptop can automatically start up the App after detection of the USB disk inserted, what's the most important, it costs only 1 of 10 compared with a traditional USB dongle.



USB-A/USB-C



Auto-connection



Cost-effective

Model Reference: DG-H10

DG-H10 is a HDMI dongle that work compliantly with all of our wireless media bases, unlike other dongles in the market to start casting with button click, it provides a different user experience with touch and tap, which is more easy and efficient; and unlike USB dongle, it doesn't require installation of any software or driver, just plug the dongle, then everything will be ready to share.



HDMI



APP-free



Plug-n-Play



Easy

Model Reference: DG-C10

DG-C10 is a USB-C dongle that work compliantly with all of our wireless media bases, unlike other dongles in the market to start casting with button click, it provides a different user experience with touch and tap, which is more easy and efficient; and same with HDMI dongle, it doesn't require installation of any software or driver, what's more, neither it needs additional USB power cable to connect, which gives more convenience to use.



USB-C



APP-free



Plug-n-Play



Easy