InstaShow™ WDC15
White Paper

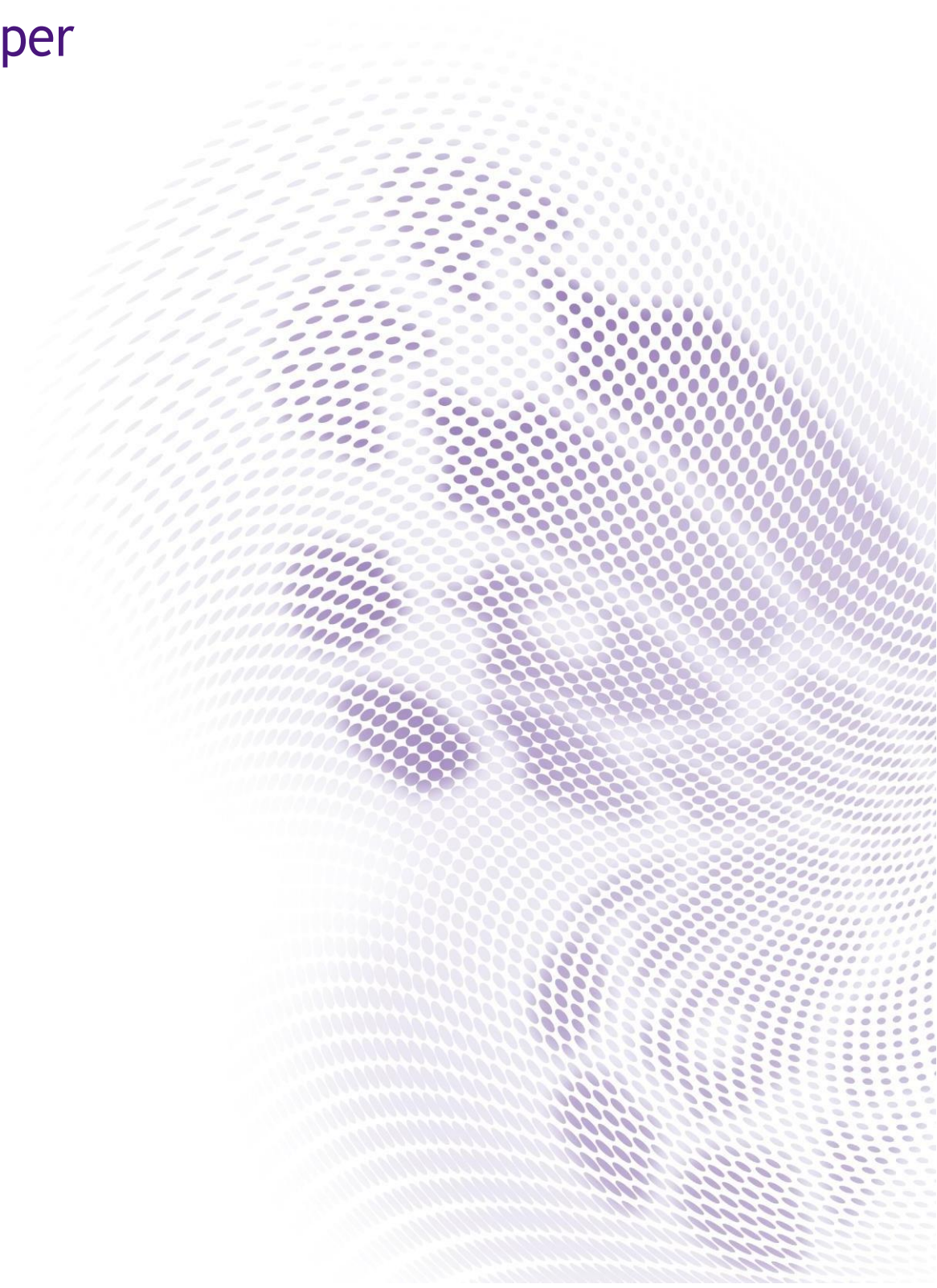


Table of Contents

Introduction

The InstaShow™ WDC15 represents a new generation of business-grade, driver-free wireless A/V streaming solutions. The InstaShow WDC15, the latest addition to the solution, offers enhanced capabilities for seamless and secure presentations. This advanced system supports 4K resolution and boasts true plug-and-play functionality, eliminating the complexities associated with driver or application installation (Driver Free & App Free). The InstaShow™ WDC15 provides robust network security options, empowering IT professionals across diverse sectors to implement tailored security configurations. BenQ's commitment to delivering a secure and user-friendly wireless A/V streaming experience is further realized in the WDC15. Beyond standard wireless network packet encryption/decryption, the WDC15 incorporates a sophisticated network security mechanism that fortifies enterprise network environments and minimizes IT maintenance overhead. The InstaShow™ WDC15 supports both HDMI and USB Type-C video input interfaces, with USB Type-C facilitating DisplayPort video via DisplayPort Alternate Mode (DP). The WDC15's inherent driver-free and app-free architecture mitigates the risk of malware infections and backdoor vulnerabilities, addressing critical security concerns for users.

The InstaShow™ Series System

BenQ pioneered the wireless A/V transmission market in 2014 with the release of the WDP02, followed by the first-generation InstaShow™ (WDC10) business wireless streaming display solution in the subsequent year. The second-generation solution, InstaShow™ S (WDC20), further solidified BenQ's position in the industry. In 2025, BenQ introduced the WDC15, a driver-free solution that embodies the next evolution of seamless wireless presentation technology. Through the InstaShow™ series, BenQ has consistently delivered intuitive, stable, and secure wireless A/V streaming, providing enterprise users with comprehensive and forward-thinking collaboration solutions.

InstaShow™ WDC15 Setup

The InstaShow™ WDC15 system comprises a receiving device (Receiver) and a single transmission device (Button). The user simply connects the Button to the A/V source device and presses the button, instantly projecting the video screen onto the display device connected to the Receiver. This streamlined process requires no software installation, ensuring a true plug-and-play experience.

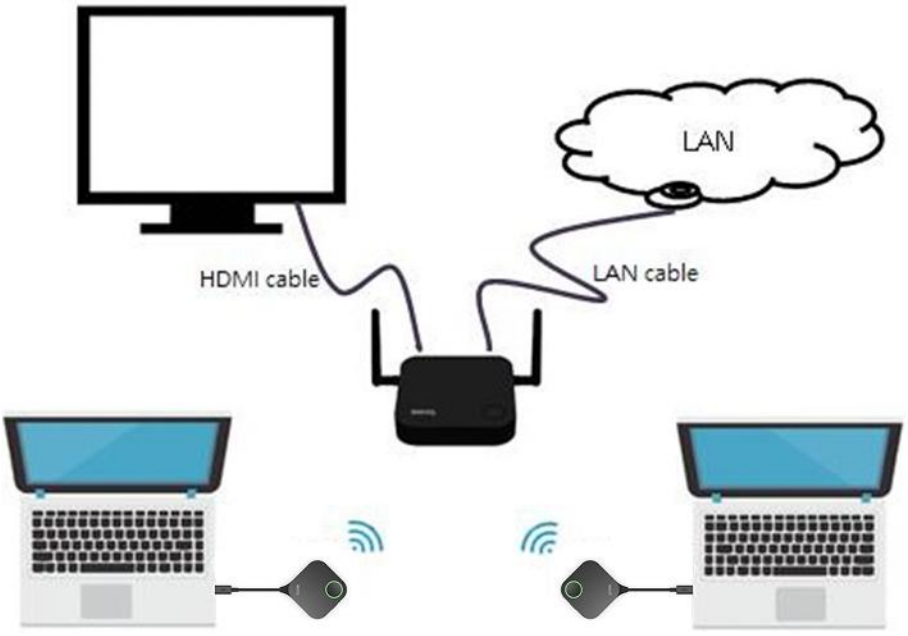
The Receiver is not only a receiving device of the InstaShow™ WDC15, but also the core of the entire system. The Receiver is mainly responsible for receiving the streaming data transmitted from a Button and ensures A/V can be stable and correctly projected to the display device. The Receiver of InstaShow™ WDC15 can be connected to 16 Buttons wirelessly simultaneously, The IT personnel in an enterprise can add the Receiver to the enterprise network through the LAN port on the Receiver. When the Receiver becomes one of the devices in the enterprise network, IT personnel can then connect to the Web UI of the Receiver through the network to manage the device status of the InstaShow™ WDC15 remotely. Even if the Receiver becomes an enterprise LAN device, external threats still could not acquire the A/V streaming data between the Receiver and a Button through intrusion by phishing or penetration.

A Button is the transmission device in the InstaShow™ WDC15 system. We support two types of interfaces for the Button, HDMI and USB Type-C in which USB Type-C supports the DisplayPort image format through DisplayPort alternate mode. There are two buttons on the HDMI Button, one is an HDMI cable and the other is a USB Type A cable.

The USB Type A cable is responsible for providing power to the Button and the HDMI cable is responsible for HDMI-formatted A/V data. HDMI devices have become quite popular and common on the market. For example most laptops, PS5, Blu-ray DVD players come equipped with HDMI ports.

The USB Type-C Button only provides power to the system through a single USB Type-C cable (supports DisplayPort alternate mode) and at the same time receives DisplayPort-formatted A/V data. Commonly seen USB Type-C devices include laptops. mobile devices and so on. Since some USB Type-C devices only support data transmissions by common file formats and does not support DisplayPort alternate mode. That means it cannot transmit the A/V formatted signals. Therefore, before using the USB Type-C Button, the user has to make sure the USB Type-C port on the A/V source device supports DisplayPort alternate mode.

Based on the functions of the first generation InstaShow™ Series, InstaShow™ WDC15 can moreover connect to HID devices (such as touchscreens, mice) through the USB Type A port on the Receiver to transmit control signals on the HID device to the Button through the USB cable. Therefor the USB cable on the Button in the InstaShow™ WDC15 not only provides power, but also supports receiving of HID commands to send back the HID commands received from the USB Type A port on the receiver with encryption wirelessly to the Button. After that the Button can send back the HID commands to the A/V source device through the USB Type A port connected to the A/V source device.



InstaShow™ WDC15 Setup

System physical interface and firmware introduction

The InstaShow™ WDC15 uses an embedded Linux, responsible separately for

. Bootloader access

. Linux OS Kernel

. Linux Runtime

. Application Access

Physical I/O on the Receiver:

.LED

GPIO control

.Button(s)

GPIO Scan

.RJ-45(Ethernet):

Web UI

REST API

Communication with Client

.Wi-Fi:

Web UI

Communication with Client

. USB Type-C

Power supply

.USB Type A

Connect to HID device

.HDMI

Video / Audio output

Physical I/O on the Button:

.LED

GPIO control

.Button(s)

GPIO Scan

.Wi-Fi:

Communication with Receiver

.USB Type A:

Power supply and USB HID

.HDMI:

Video / Audio input

.USB Type-C(Supports DisplayPort video format):

Power supply, Video / USB HID

BenQ InstaShow™ WDC15 Cybersecurity statement

To solve the threats of wireless networks and enhance network security, BenQ gets rid of network threats through system modularization and thus has designed a wireless A/V streaming conference presentation system without the need to install software, the InstaShow™ WDC15.

The A/V module system

The interfaces of the A/V source in the InstaShow™ WDC15 are HDMI and USB Type-C. USB Type-C transmits DisplayPort A/V signals through supporting DisplayPort alternate mode. Because HDMI and DisplayPort are fully digitalized A/V signals, they support uncompressed audio and video signals and both are protected by HDCP regulations. The Receiver and Button in the InstaShow™ WDC15 both comply with HDMI
1.4b (DPCP 1.2) and HDCP 1.4b(DP 1.2) certification standards. As long as the A/V source and A/V output device (sink) support HDMI 1.4b (DP 1.2) / HDCP 1.4b(DPCP 1.2), the source and sink can both be compatible with the InstaShow™ WDC15.The certifications the InstaShow™ WDC15 have are ATCTW-16031 (Receiver), and ATCTW-16032 (Button).

The A/V encoding/decoding module system

Since HDMI and DisplayPort transmits uncompressed audio and video signals and the data amount from the uncompressed 4K@30Hz audio and video signals is very tremendous, if the tremendous amount of streaming data hasn't gone through compression and transmitted wirelessly, the streaming data will take up extremely large amount of the bandwidth. To solve the problem of not enough wireless bandwidth, the InstaShow™ WDC15 introduces unique A/V encoding and decoding methods to compress the bandwidth used by the tremendous A/V signals down to less than 20Mbps to provide the user with stable, smooth wireless A/V playing experience. Furthermore, in order to dedicate to balanced distribution of A/V quality and bandwidth used by the transmission. To optimize performance based on the environment, the InstaShow™ WDC15 offers both Video Mode and Presentation Mode, allowing users to prioritize video quality or screen responsiveness based on their specific needs.

The Wireless Transmission module system

The Wi-Fi transmission protocol used in the InstaShow™ WDC15 is 802.11ac is coupled with WPA3 AES-128 bit encryption mode, WPA3 is the best encryption technology in the Wi-Fi 802.11ac standard.
If an InstaShow™ WDC15 Receiver is used is the wireless station, then the Button is the client side equipment. Even though the Button belongs to client side equipment, the Button uses a closed system design. Therefore external threats cannot go through HDMI, USB Type A, or USB Type-C channels to threaten, penetrate and attack the system. To further enhance security and prevent unauthorized access, the InstaShow™ WDC15 offers WLAN Device Isolation. When enabled, this feature effectively blocks communication between devices connected to the Receiver's network, including Buttons, PCs, and mobile devices, creating a secure and isolated presentation environment.

The WAN/LAN module system

The InstaShow™ WDC15 not only is a wireless A/V streaming conference presentation system, it also can be used as closed business wireless area network equipment. The WAN/LAN modules used in the InstaShow™ WDC15 mainly provide users with network connection to the Receiver, and perform system configuration through the Web UI on the Receiver. Once the firewall is enabled through WAN on the Receiver Web UI, then external hackers cannot intrude into wireless communications equipment on the client side connected to the Receiver through WAN. You can also enable the firewall isolation function through LAN on the Receiver Web UI to make network firewall isolated in the clients connected to the Receiver to block communications between clients in the same network segment.

Enhanced WAN Security

With the firewall enabled through the WAN interface on the Receiver's Web UI, the InstaShow™ WDC15 effectively mitigates Distributed Denial-of-Service (DDoS) attacks and malicious Internet Control Message Protocol (ICMP) attacks originating from the WAN side. This robust security feature prevents external hackers from intruding into wireless communications equipment connected to the Receiver through the WAN.

You can also enable the firewall isolation function through LAN on the Receiver Web UI to create network firewall isolation in the clients connected to the Receiver, blocking communications between clients in the same network segment.

The Web UI management module system

The InstaShow™ WDC15 provides users with a Receiver Web UI. Through the Web UI system status can be queried, Wi-Fi settings and system updates can be made. The user's connection device only

needs to connect to the SSID network device name of the Receiver through Wi-Fi or uses the physical LAN to connect to the Receiver, then enters a valid account and password to log into the Receiver webpage, then the Web UI can be used immediately.

Enhanced Web UI Security

1. HTTPS by Default:

The InstaShow™ WDC15's Web UI is now secured by default with HTTPS (Hypertext Transfer Protocol Secure). HTTPS encrypts all communication between the user's browser and the Receiver, protecting sensitive information like passwords and configuration settings from eavesdropping and tampering.

2. Unique Default Password:

To prevent unauthorized access, each InstaShow™ WDC15 unit is configured with a unique, randomly generated default Web UI login password. This eliminates the risk of malicious actors gaining access to the system from outside the meeting room using a common default account and password.

The light module system

The InstaShow™ WDC15 provides LED lights to indicate equipment status. There is a three-color annular LED around the Button, users can make sure of the current system status directly from the LED color and its on/off status. The LED brightness also depends on the light source usage scenario in most conference rooms and the design is to have soft and gentle brightness most suitable to the meeting presenter, not irritating to the human eyesight and providing users with more comprehensive conference experiences by covering even the smallest details.

The EMI/ESD module system

The network security design of the InstaShow™ WDC15 can prevent hackers from attacking, and also follows product safety laws and regulations, compliant with EN55032 and EN55035 regulations.

The PCB module system

BenQ shoulders the social responsibility of reducing hazardous materials and environmental pollution. The PCBs used in the InstaShow™ WDC15 all comply with lead-free, halogen-free green manufacturing fully. From control of raw materials, to manufacturing process, to quality control, inspection, and inventory taking before leaving the factory, they all have complete carbon footprint tracking and control mechanisms to fulfill the social responsibility as a citizen of the Earth and provide every part of the InstaShow™ WDC15 a clean and friendly workspace.

Streaming flow protection with HDCP-encrypted

Through the system's modularized threat analyses, system network security can be classified into external hacker intrusion and internal protection management. Not matter what kind of threat it is, the purpose is none other than breaking and stealing.

Since the InstaShow™ WDC15 does A/V streaming through a wireless network to achieve the goal of wireless presentation, the network system in the InstaShow™ WDC15 uses firewall and channel isolation functions to prevent external hackers from intrusion. The A/V transmission formats are based on HDMI and Display Port without the need to install software to help realize wireless A/V streaming. You need to know that for enterprise users the biggest security threat is installing software. The InstaShow™ WDC15 satisfies the needs of enterprise users of not needing to install software and also realizes the screen sharing function of
multi-party conferencing to enhance the efficiency of enterprise conference presentations.

Furthermore, InstaShow™ WDC15 is fully compatible with HDCP-encrypted content transmitted via HDMI and USB Type-C DisplayPort, allowing presenters to seamlessly connect any device without concerns about security breaches or blank screens. Recognizing that software installations pose a significant security risk for enterprise users, the InstaShow™ WDC15 fulfills the need for a driver-free solution while facilitating multi-party screen sharing to enhance conference presentation efficiency.

InstaShow™ WDC15 system architecture

The operating procedure of the InstaShow™ WDC15 is that the Button receives A/V streaming signals from the source (such as a laptop), and transmits A/V streaming signals to the Receiver through wireless means. Then the Receiver transmits the A/V streaming signals to the sink (such as a large screen or a projector) through the physical HDMI channel.

The processing procedure of the InstaShow™ WDC15 architecture is as follows:

(1) HDMI/DisplayPort signal decode

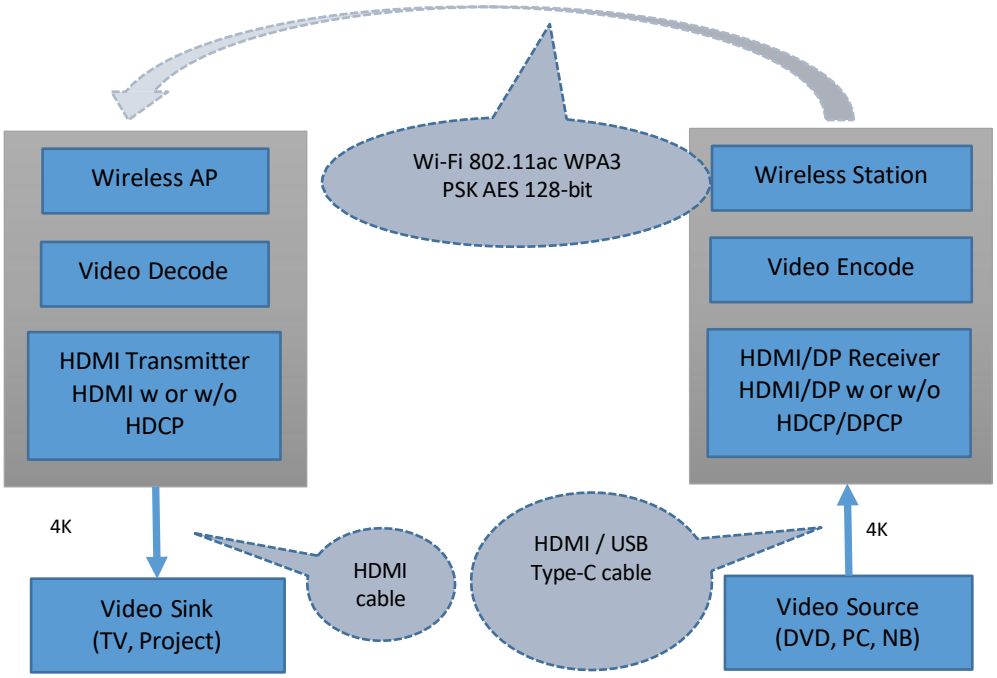
(2) Video and audio signal compress

(3) Video and audio stream with encryption over Wi-Fi

(4) Video and audio signal decompress

(5) HDMI signal encode

(6) HDMI output w or w/o HDCP

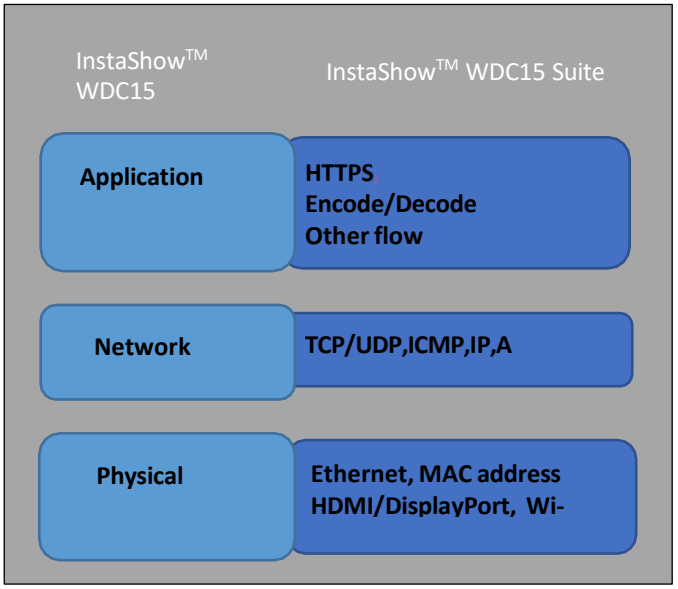


Flow	Transmission medium/interface		Note
HDMI/DP source	HDMI/DP Connect	Laptop, PS5 or BD/DVD player	
↓	HDMI/USBC cable	HDCP 1.4b or DPCP 1.2 or not (by content)	
Button	HDMI/DP Connect	1. HDCP or DPCP decode or not 2. Video and audio encode 3. Double encryption encodes	InstaShow™ WDC15
↓	Wi-Fi	***802.11ac WPA3 PSK AES 128-bit***	
Receiver	HDMI Connect	1. Double encryption decodes 2. Video and audio decode 3. HDCP encode	
↓	HDMI cable	HDCP 1.4b or not (depends on video content)	
HDMI sink	HDMI Connect	Display	

InstaShow™ WDC15 network architecture

The InstaShow™ WDC15 is a system with security, its system architecture completely matches data confidentiality, system completeness and functional availability. Network transmission methods are divided into physical networks and wireless networks. Physical networks have the advantage of absolutely free from interferences, wireless networks in general environments and spaces will be mostly subjected to electromagnetic interferences from neighboring frequency bands. As such the InstaShow™ WDC15 has been treated to lower electromagnetic interferences to make electromagnetic waves not interfere with normal operations of wireless projections and is very suitable for enterprise conference and office applications.

The system architecture of the InstaShow™ WDC15 has: physical layer, network layer, application layer. We will explain in detail each of the layers of the architecture.



1. Physical layer

The physical interfaces supported by the InstaShow™ WDC15 include USB Type A/USB Micro-B, HDMI/USB Type-C (DisplayPort alternate mode) and RJ-45 (Ethernet) . Intruders might analyze the firmware program through the physical layer and load malware on the device. Therefore protecting the physical interface port of the device is equally important as protecting the other layers of the system.

USB Type A: Only provides the Button with DC 5V/0.9A power, does not support simplex/duplex data transmission functions.

> *The USB Type A of InstaShow™ WDC15 supports HID command transmissions, but does not support simplex/duplex data transmissions.*

USB Type-C (Receiver): Only provides Host with DC 5V/1.5A power, does not provide simplex/duplex data transmission functions.

HDMI: Responsible for input/output of A/V transmissions, supports HDCP protections.

USB Type-C (Button): Supports DisplayPort alternate mode, responsible for input of DisplayPort format A/V data, the DPCP channel in its communication protocol supports the HDCP protection defined in the video.

RJ-45: Ethernet physical port. Provides users with login access to the Web UI of the Receiver to set up system functions, supports firmware updates but does not support Internet access functions.

The Ethernet of InstaShow™ WDC15 supports Internet w/ firewall function.

Since the authentication mechanism for communication connections between the Receiver and the Button will not go through the above-mentioned physical ports, hackers cannot get the data and parameters shared between the Receiver and the Button from these ports. But firmware update is an exception as the firmware update program needs to verify the completeness and signature of the firmware encoding format, otherwise it won't be able to support firmware upgrades.

As the InstaShow™ WDC15 supports Wi-Fi network functions we treat Wi-Fi as a hidden port. The Wi-Fi port in the InstaShow™ WDC15 has complete security controls in itself, the Receiver Wi-Fi provides verification when connections are made for the Receiver and the Button; when connection is confirmed, A/V transmission is then commenced. If other devices need to visit the application layer of the Receiver, then attached authentication is needed to ensure that control mechanisms like data confidentiality and system completeness are not broken.

2. Network layer

The network system in the InstaShow™ WDC15 is divided into WAN (Wide Area Network) and LAN (Local Area Network).

The WAN way is to connect to the network server through the RJ-45 port, the InstaShow™ WDC15 enables the firewall to provide system network administrators the convenience to control the system fully in the application layer through the authentication mechanism of the enterprise network server(s). The network system and access control in the InstaShow™ WDC15 is an independently working VLAN (Virtual Local Area Network) isolated from the enterprise network.

The LAN way is to establish LAN connections through Wi-Fi and the Button or other Wi-Fi devices. The protection mechanism of Wi-Fi is based on the security standard of 802.11i that provides WPA3 to couple with a pre-shared key (PSK) as the authentication. WPA3 improves upon the vulnerabilities of WPA2-PSK by using Simultaneous Authentication of Equals (SAE) for handshaking, providing stronger protection against password cracking and eavesdropping. WPA3 encryption ensures the confidentiality and completeness of all data passing through wireless communications. The data encryption mode used is AES with 128 bits of key length, the limit on the key length has

to be between 8 and 63 bits. Completeness is an examination method that goes through the Counter Mode CBC-MAC protocol (CCMP) and coupled with MIC (Message Integrity Check). The WPA3 password and SSID name can both be set up using the network administrator privilege through the Receiver RJ-45 port.

3. Application layer

The core operating system of the InstaShow™ WDC15 Receiver and Button is Linux and Android. In terms of the application layer, it provides system configuration, wireless pairing management, wireless projection network performance management, A/V format conversion and A/V format encoding/decoding functions. We will describe each of the functions in the following.

Wireless pairing management: Before the system can work fully, the Receiver and the Button need to establish a Wi-Fi connection. The Receiver then ensures that the Button has passed the security authentication mechanism. During pairing, the Receiver verifies that the Button's transmitted ID and Key serial number can pass a complex algorithm calculation and validation process. This ensures that only authorized Buttons can connect to the Receiver. After successful authentication, the Receiver performs an additional Button verification step using the MAC address.

A/V format conversion and A/V format encoding/decoding: A/V streaming data conversion is a critical aspect of the InstaShow™ WDC15. Uncompressed 4K@30Hz HDMI/DisplayPort A/V data can reach a bandwidth of up to 15GB. While the InstaShow™ WDC15 utilizes 802.11ac wireless network bandwidth and speed, the raw data rate of uncompressed 4K@30Hz video, reaching up to 15GB, exceeds the capacity of the wireless network. To address this challenge, the InstaShow™ WDC15 employs a high-performance core processor to perform format conversion, compression, decompression, and restoration in four key steps. This process, coupled with dynamic compression ratios and wireless projection network performance management, ensures stable and smooth playback with high picture quality.

System configuration: The InstaShow™ WDC15 system configuration utilizes a Web UI to ensure authenticated connections through HTTPS service. HTTPS (Hypertext Transfer Protocol Secure) encrypts all communication between the user's browser and the Receiver, protecting sensitive information such as login credentials and configuration settings from eavesdropping and tampering. This ensures a secure and reliable management experience. As such, the user's login status is bound to the Web login page of the Receiver. Within the valid time period, the user's login status remains valid until the user account privilege has been revoked or the cookie session has timed out.

Security class: The InstaShow™ WDC15 has 3 security classes, differentiated based on the number of times the provided function has.

Class 1.

. The Button and the Receiver get needed identity authentication and password through a Wi-Fi connection.
. Account and unique password needed by the user to log into the Receiver Web UI.

Class 2.

. Make sure the MAC address of the Button is in the Receiver list for the Receiver and the Button to establish connections.
. Firewall function enabled.–
. Device Isolation enabled.

Class 3.

. No access to Web UI via Wi-F

InstaShow™ WDC15 CVSS4.0 Security Certification

The InstaShow™ WDC15 has undergone rigorous security assessment and has achieved CVSS 4.0 certification from an ISO27001 and ISO17025 accredited laboratory, ensuring a high level of information security assurance. The assessment, conducted by Onward Security Corporation, confirms that no critical or high-risk vulnerabilities were identified based on both CVSS 3.0 and CVSS 4.0 standards. This certification underscores BenQ's commitment to providing a secure and reliable wireless conferencing solution.


DEKRA onward SECURITY a DEKRA company

CERTIFICATE

This is to certify that

BenQ InstaShow ™
Wireless Conferencing Solutions

developed by BenQ Corporation
has passed the security assessment conducted by Onward Security Corporation

Test Scope:	WDC15
Test Plan Basis:	Vulnerability Scan of OS, web application, and network services
Tests Conducted:	Black Box Test - Scan for known vulnerabilities
Test Results:	No vulnerabilities found based on CVSS v3 and v4
Test Report #1:	00006405-25HVA001-VR001V10
Test Report #2:	00006405-25WVA001-VR001V10

Daniel Liu, Chief Technology Officer
Onward Security (a DEKRA Company)

InstaShow™ WDC15 Compliance with Radio Equipment Directive (RED)

The InstaShow™ WDC15 is fully compliant with the European Radio Equipment Directive (RED) 2014/53/EU, including all relevant essential requirements. Specifically, the InstaShow ™ WDC15 has undergone rigorous testing and has been certified to meet the requirements of:

- **Article 3.1a** (Health and Safety)
- **Article 3.1(b)** (Ensures the device does not cause undue electromagnetic disturbance)
- **Article 3.2** (Ensures the device effectively uses the radio spectrum and avoids harmful interference)
- **Article 3.3(d), 3.3(e)** related to cybersecurity and personal data protection, in line with the RED Delegated Act (RED-DA) requirements on:
    - Network Protection
    - Personal Data Protection and Privacy

Test reports and the full **EU Declaration of Conformity** are available upon request.

BenQ InstaShow™ WDC15 Application note

Receiver Installation Notice

1. Power Supply

- **InstaShow™ WDC15 Receiver for Projector Display without Touch:**

For projectors requiring only projection, where power consumption is less than 7.5W, use a USB-A Male to USB-C Male cable to power the WDC15 receiver. Plug the USB-A end into the USB Type-A port at the rear of the projector. (Refer to BenQ projector specifications for models with a 1.5A USB Type-A power output.)

- **InstaShow ™ WDC15 Receiver for BenQ Interactive Flat Panel with/without Touch:**

The WDC15 receiver does not support USB Power Delivery. Do not plug power into any USB-C port of the BenQ IFP. Use the provided power adapter and connect to a power outlet.

2. Positioning the Receiver Antennas

- **For Projector:**

Refer to the WDC15 User Manual for ceiling and pole mount installation guidelines.

- **For Flat Panel (Interactive or Non-Interactive):**

For flat panels with mobile carts, place the receiver above the touch pen holder.

- **Panel on Wall Mount:**

For small and medium-sized meeting rooms with wall-mounted panels, placing the InstaShow™ receiver at the back corner of the panel is acceptable. Avoid placing it behind large metal components of the panel to prevent wireless signal blockage.

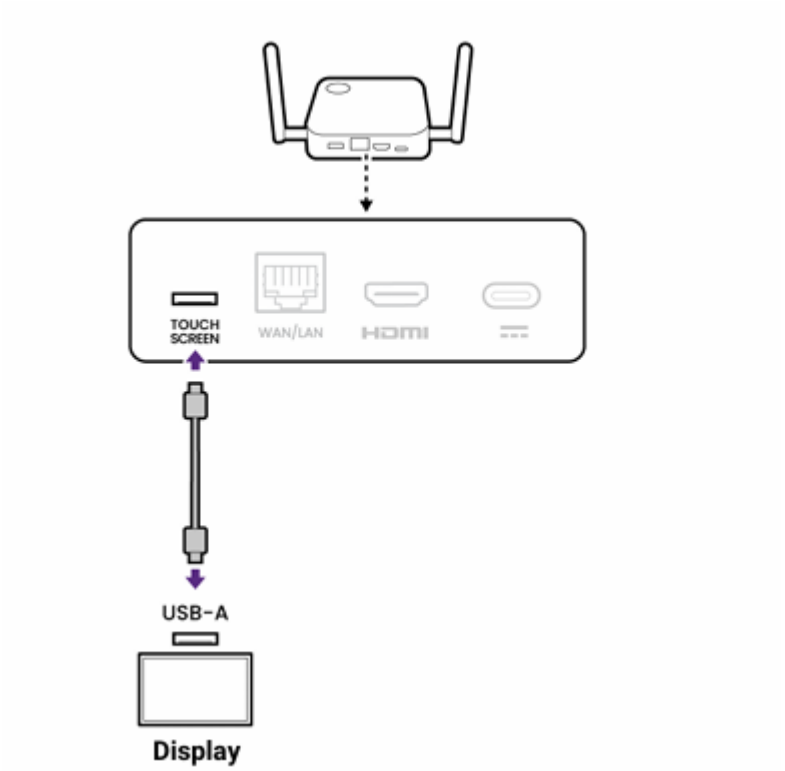
- **For LED Wall:**

For LED wall setups, contact your local BenQ customer service for specific installation guidance due to varying decoration and environmental factors.

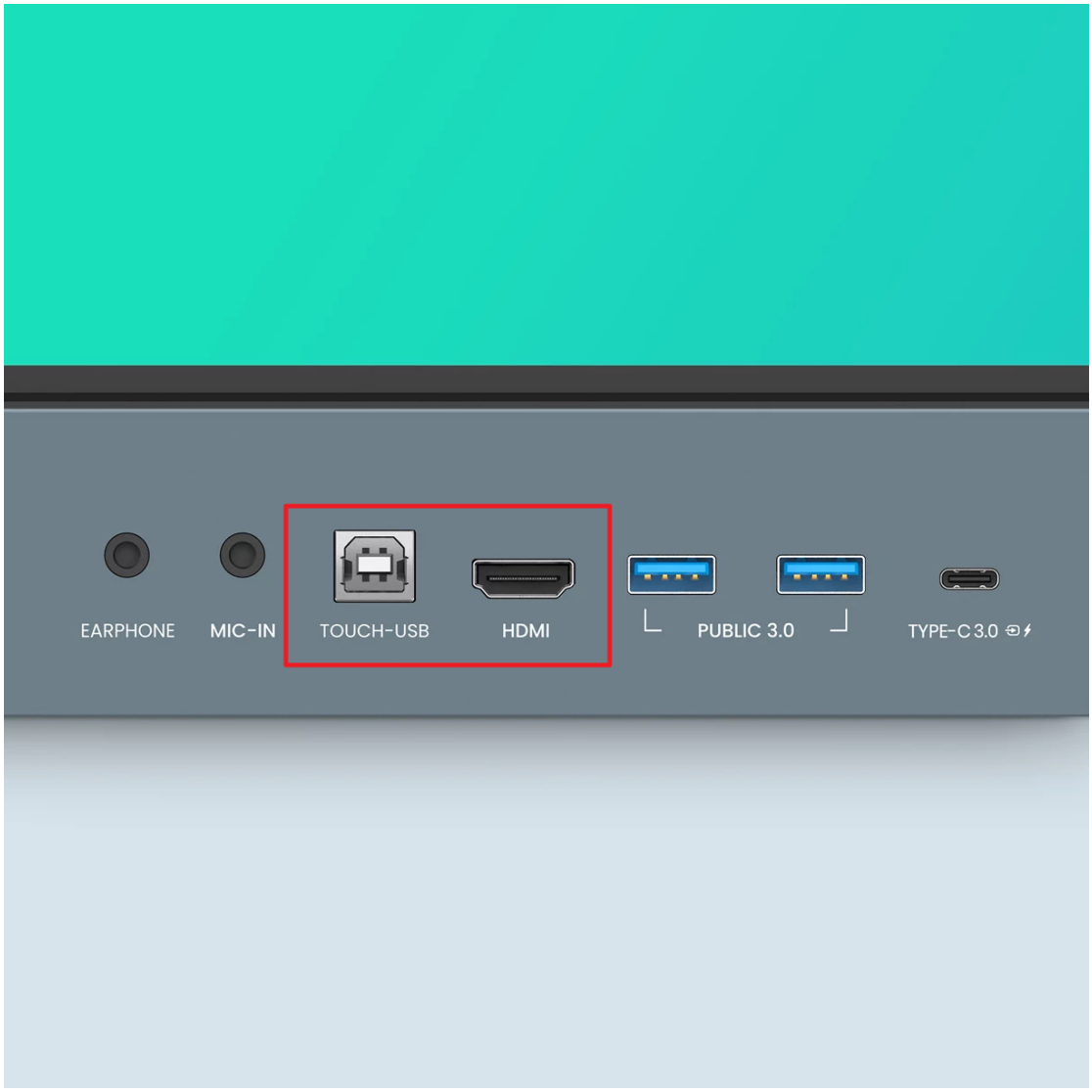
USB Touchback Installation

1. Connecting the InstaShow™ WDC15 Receiver for Touch Screen Support

InstaShow ™ WDC15 Receiver supports the Touch Screen when a Receiver is connected to touchscreen display and a PC is presenting via a Button. You can use a USB Type-A to USB Type-B Cable (depends on the port type of TOUCH SCREEN) to connect to the TOUCH SCREEN port at the rear of Receiver and IFP USB Touch Port.



Simultaneously, connect an HDMI cable to the appropriate HDMI Source Input port on IFP and power on the WDC15 receiver. For example, to utilize the WDC15 USB TOUCH SCREEN port with a BenQ RE7504, connect the WDC15 HDMI and TOUCH SCREEN cables to the corresponding ports on the IFP. Then, switch the video source to the connected HDMI input and initiate projection via the InstaShow™ Button.



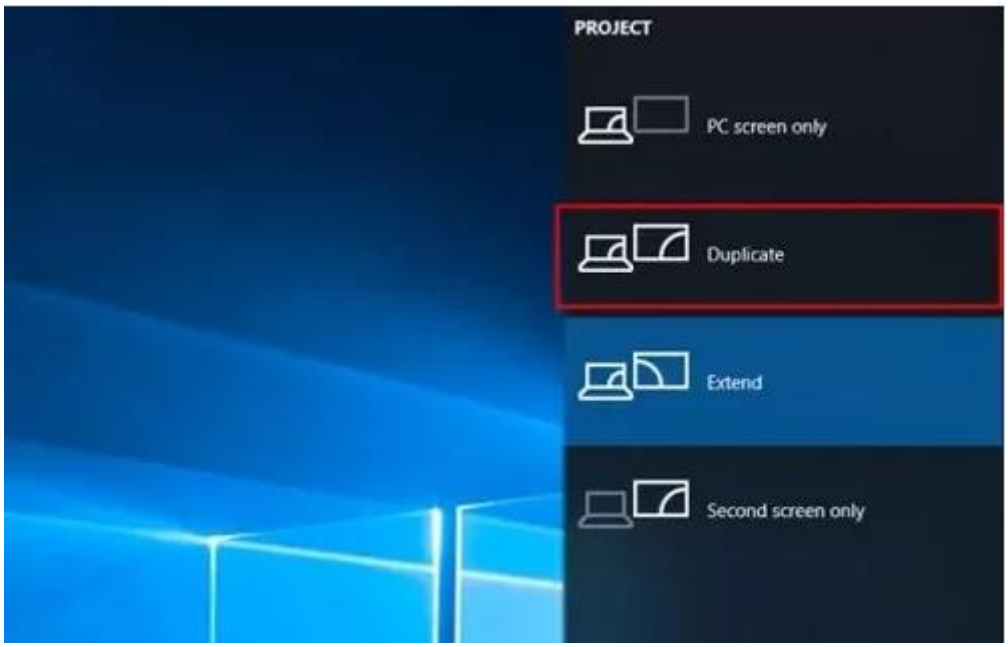
Important Notes:

- Connect all cables before powering on the receiver to avoid potential touch issues.
- The touch function will be activated when you start projection via the InstaShow™ Button.
- When switching the IFP source from the current HDMI source with touch to another video source (e.g., Android Home, Intel NUC, or other HDMI source), the IFP will trigger "Unload USB Touch Device" events to the InstaShow™ Receiver, forcing the Button projection to leave the projection condition. When switching back to the current HDMI source, the IFP will trigger "Load USB Touch Device" events again to the InstaShow™ Receiver. Simply start the projection again via the InstaShow™ Button to reload the USB Touch Device events.

1. Optimizing Touchback Performance

- Select "Duplicate" the Screen:

  Touchback functionality works best when the screen is duplicated. Otherwise, touch point misalignment may occur.



- Select the 16:9 Resolution:

  The InstaShow™ Receiver supports a 16:9 output format to fit 4K IFPs. If a laptop's native panel is not 16:9 (e.g., 1920x1200), the touch location may be misaligned. In this case, change the duplicate screen resolution to 16:9 1920x1080 to align the touch location.

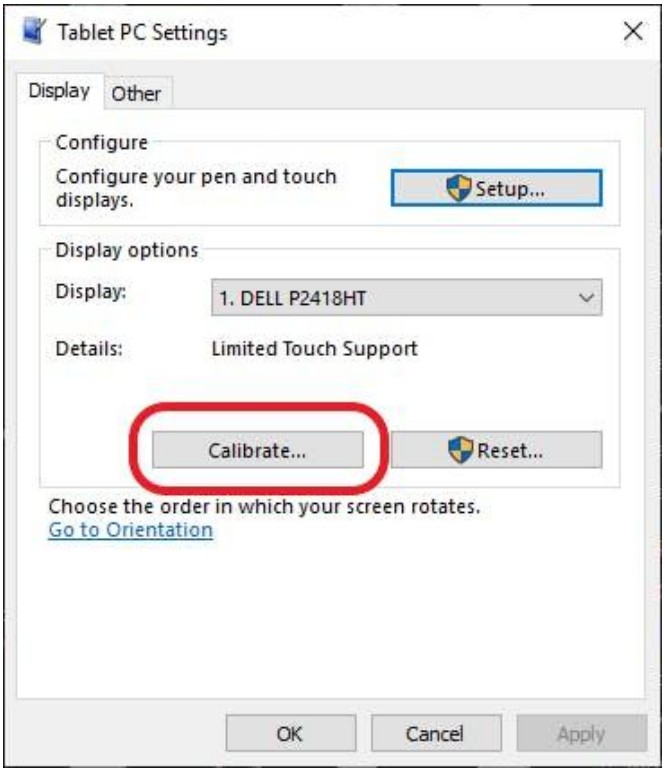
2. Calibrating the Touch Location Mapping:

If you experience touch cursor misalignment when using a laptop with a 1920x1200 (16:10) panel, follow these steps to calibrate the touch screen:

1. Click the Start button and type Control Panel, then open the result.

2. Change the "View by" option to Large icons or Small icons to see all the options.

3. Click on Tablet PC Settings.



4. In the "Display" tab, select your touch screen from the dropdown menu and click Calibrate.

5. Follow the on-screen prompts to tap the crosshairs that appear on BenQ IFP

6. Once complete, click OK in the Tablet PC Settings window.

3. Supported BenQ Interactive Flat Panel Models

We officially support the following BenQ models:

- BenQ 03 Series: RE65” / 75” / 86” / 98”, RM65”/ 75” /86”, RP65”/ 75” /86”
- BenQ 04 Series: RE65” / 75” / 86”, RM65”/ 75” /86”, RP65”/ 75” /86”

The following models have been tested and verified:

BenQ RE Series	BenQ RM Series	BenQ RP Series
RE7503A	RM6503	RP7503
RE8604F	RM7504	RP8603
RE8604A2		RP7504
RE9803		
RE6504(TBD)		

Note: While the InstaShow™ WDC15 may function with IFPs from other brands, BenQ cannot guarantee touch functionality compatibility due to variations in touchscreen architecture. For inquiries regarding compatibility with non-BenQ IFPs, please contact your BenQ customer service.

Conclusion

The core design principles of the InstaShow™ WDC15 are: a purely hardware-based solution, plug-and-play functionality, eliminating the need for software installation, and intuitive operation requiring no additional learning. The InstaShow™ WDC15 provides comprehensive protection of transmitted data, ensuring a secure wireless presentation environment. BenQ remains steadfast in its commitment to environmental responsibility and delivering a user-friendly product experience. Furthermore, BenQ pledges to never implement or conceal system backdoors, nor collect user data, guaranteeing a secure and trustworthy experience. With the InstaShow™ WDC15, users can confidently enjoy intuitive, secure wireless projections and effectively conduct conference presentations with peace of mind.