

InstaShow™ S User Manual

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The illustrations and the images in this guide are for your reference.

BenQ ecoFACTS

BenQ has been dedicated to the design and development of greener product as part of its aspiration to realize the ideal of the "Bringing Enjoyment 'N Quality to Life" corporate vision with the ultimate goal to achieve a low-carbon society. Besides meeting international regulatory requirement and standards pertaining to environmental management, BenQ has spared no efforts in pushing our initiatives further to incorporate life cycle design in the aspects of material selection, manufacturing, packaging, transportation, using and disposal of the products. BenQ ecoFACTS label lists key eco-friendly design highlights of each product, hoping to ensure that consumers make informed green choices at purchase. Check out BenQ's CSR Website at http://csr.BenQ.com/ for more details on BenQ's environmental commitments and achievements.



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Introduction

InstaShowTM S (or "the product" in this document) is a wireless device for corporate meeting rooms. Users expect devices to respond instantly, apps to launch and to control at their fingertips, and information to be available on demand. The product bypasses the complicated steps of IP addresses, driver installation, app execution, setting selection, etc. to quickly deliver professional, stable visual quality for teams to collaborate freely and confidently. The product is an unique all-hardware solution without software issues for universal compatibility and display flexibility.

A standard product set consists of an InstaShowTM S Host (or "Host" in this document) and two InstaShowTM S Buttons (or "Buttons" in this document). Depending on the location where you buy the product, the software of the base unit can be different. You can buy additional InstaShowTM S Button kits if needed.



- "InstaShow™ S" will hereinafter be referred to as "the product" in this document.
- "InstaShow™ S Host" will hereinafter be referred to as "Host" in this document.
- "InstaShow™ S Button/Buttons" will hereinafter be referred to as "Button"/"Buttons" in this document.

Product features

The product is equipped with the following features:

Features	Description
True Plug & Play	Simply connect the product into your USB and HDMI ports, then push the button to start presenting immediately.
No Software	The product doesn't need any software installation or execution. There's no setup, configuration, or waiting for pop-ups to launch. Just plug into your PC or Mac and start presenting immediately.
Split Screen Presentations	Up to four users can simultaneously project their screen via the product in a dual-screen, 3-way or 4-way split screen configuration, so that you can view and reference multiple documents/videos at the same time during your presentation.
Auto Channel Selection	The product automatically selects the best wireless channel upon boot-up, ensuring smooth presentations in any environment.
Touch Back	When the Host is connected to a touchscreen display via its USB ports, you can use the touchscreen to control the screen of the PC that is presenting, allowing you to actively engage with the content that is being presented.
Screen Casting for Mobile Devices	Project your mobile device's screen wirelessly by connecting your mobile device to the Host via the InstaShare app or screencasting capabilities of your mobile device.
Wireless 802.11ac/n	The latest 802.1 I ac/n Wi-Fi guarantees extremely smooth wireless streaming without lag or buffering.
Video and Audio	The product's HDMI output supports up to 60Hz Full HD 1080p video and stereo sound without cable clutter or complicated driver selection.
Assured Performance	Peace of mind for consistent wireless presentation performance without relying on your PC.
Extended Desktop	Keep your presenter view, notes, and backup data on your laptop screen while presenting to the wireless screen with extended desktop in both Windows and OS X.

• Touch back via USB port is only supported for Windows-based PCs. Macs and mobile devices cannot be controlled via touch screens.

• Transmission distance depends on actual environment. Stated distance is based on line-of-sight measurement. Structures constructed of steel, wood, concrete, or brick may decrease transmission distance.

• According to regulatory restrictions in different regions of the world, Wi-Fi channels cannot be used in countries outside the purchased region.

Package content



Product specification

Feature			
Color		Black	
Video outputs		HDMI 1.4, comply with HDC	CP
Frame Rate		Up to 60fps depending on er	nvironment
Output resolution		720x480, 720x576, 1280x72 (30Hz)	0, 1920x1080, up to 3840x2160
Input resolution		Video: 480p, 576p, 720p, 108 PC Timing: 640x480, 800x60	80p 10, 1024x768, 1280x720, 1920x1080
Number of simultaneous connections		32 pcs	
Audio		Stereo, Radio quality 16bits	48KHz
Wireless transmiss	sion protocol	IEEE 802.11ac, 5GHz, 2T2R IEEE 802.11n, 2.4GHz, 2T2R	
Data rate wireless		Up to 867 + 300Mbps	
Frequency Band		2.4GHz, 5GHz	
Authentication pro	otocol	WPA2 (WPAS-PSK (Pre-Shared key) / WPA2-Enterprise)	
Security (encryptic	on)	AES 128 bit	
Support platform		Windows, MAC, Chrome. A	ny OS supporting HDMI standard 1.4
Reach		Max. 15M between the Butto	on and the Host
Tomporaturo range		Operating: 0°C to +40°C (+	32°F to +104°F)
lemperature range	:	Storage: -10°C to +60°C (+	4°F to +140°F)
Humidity		Storage: 5% to 90% relative I	numidity, non-condensing
Humany		Operation: 10% to 80% relat	ive humidity, non-condensing
InstaShow™ S But	ton		
Cable	USB Type A, HDMI Cable	Power supply	DC 5V±10%, 0.5A
Reset button	xl	Power consumption	Normal: 2.5W
Split screen key	xl	Dimension	With cable: 81x291x24.2mm Without cable: 67x67x24.2mm
LED	Red (error) Green (Wi-Fi connected) Blue (presenting)	Weight	81g
InstaShow™ S Ho	st		
Standby button	xl	Power supply	DC 12V±10%, 2A
Pairing key	xl		
WAN	xl	Power consumption	Normal: 24W
Video output	x1 HDMI 1.4 (video and audio)	-	
DC Power Jack	xl	Dimension (WxHxD) (not including rubber feet)	With antennas: 200x150x140mm Without antennas: 154x34x140mm
LED	Red (error) Green (ready for connection) Blue (presenting)	Weight (include antenna)	330g
Cradle			
Dimension	100.4x92.6x152mm	Weight	550g

Overview

Button





Bottom of a Button

Host



I. Present key with LED indicator

Press to start or stop presenting.2. Split screen key

Press to enable split screen presentations.

3. USB 3.0 connector

Connect to a computer or laptop.

4. HDMI I.4 connector

Connect to a computer or laptop.

5. **RESET**

Poke the **RESET** hole to reset the device if the device stops responding. Refer to Resetting a Host on page 25 for more information.

I. Fixture parts for the Antennas

Refer to Assembling the Host on page 12 for more information.

2. USB-A Ports

Connect to a touchscreen display, mouse, or keyboard, to control the projected screen.

3. HDMI port

Connect to a display using a Cable HDMI A(M) to A(M).

4. LAN port

Allows users access to the web management interface through a direct or network connection.

5. **RESET**

Poke the **RESET** hole to reset the device if the device stops responding. Refer to Resetting a Button on page 26 for more information.

6. DC 2A port

Connect to the supplied adapter extender power cable and adapter to power the Host.

7. PAIRING key

Press to pair with a Button.

8. Standby button with LED indicator

Press to turn the Host on and off.

9. Lid

9 Lid of the Host



Refer to Attaching the Host to the ceiling on page 12 for more information.

LED indicators of the Button and the Host

Please refer to the tables below for detailed indicator and status descriptions for the Button and the Host.

LED indicator on the Button	Status Description
Static blue	The device is presenting.
Flashing blue	The device is in the process of pairing
Flashing green	 The device is starting up and connecting to the host. The device is upgrading the firmware.
Static green	The device is connected and working normally.
Flashing red	The device is unable to connect to a host.
Off	The device is powered off.
Static red	The device is resetting.
Quick flashing red	The reset process is triggered.

LED indicator on the Host	Status Description
Static blue	Connected device is presenting.
Flashing blue	The device is in the process of pairing.
Elashing groop	• The device is starting up.
riasining green	• The device is upgrading the firmware.
50% static green	The device is in network standby mode.
Static green	The device is on and ready for connection.
Flashing red	The device is encountering a problem.
Static red	The device is resetting.
Off	The device is powered off.
Quick flashing red	The reset process is triggered.

Installation

This section will guide you on how to prepare the unit before its initial use.

Environment check

Before installing your InstaShow[™] S kit, check the environmental conditions.

- 1. Do not install the device near heat sources like radiators or direct sunlight, or in a site with excessive dust or humidity.
- 2. Ambient temperature conditions are listed as below. Maximum ambient temperature should be +40°C or 104°F. Minimum ambient temperature should be +0°C or 32°F. Storage temperature should be -10°C to +60°C (14°F to 140°F).
- 3. Humidity conditions are listed as below. For storage, the relative humidity should be 5% to 90% (non-condensing). For operation, the relative humidity should be 10% to 80% (non-condensing).

As the product works with different displays, the steps required to complete the installation may vary according to the actual environment and your display specifications. Follow the procedures below and refer to the specified sections for details.

- I. Assemble the Host with the antennas. See Assembling the Host on page 12 for details.
- 2. Connect the Host to the display and power properly. See Connecting the HDMI cable and power on page 17 for details. Four installation methods are provided.
- Attaching the Host to the ceiling
- Attaching the Host to a ceiling mount
- Placing the Host on a table
- Installing the Host on the wall or trolley
- 3. Connect the Buttons to the desired devices and power properly. See Setting up and powering a Button on page 20 for details.
- 4. Make sure that all the connected devices have been powered on. Press the source button of the display and make sure that the HDMI source has been transmitted. See Pairing a Button and Host on page 23 for details.

Assembling the Host

Assemble the Host with four antennas by turning the antennas clockwise (right) and counterclockwise (left) to fasten them tightly.



Setting up the Host

You are provided with four different ways to position the Host. The total weight of the Host Unit is 330g.

Attaching the Host to the ceiling

- I. Place the lid on the ceiling and locate the alignment hole.
- 2. Use the screws provided to lock the lid to the ceiling.
- 3. Lock the first hole (1).
- 4. Follow the instruction in the illustration below to lock the other holes (2-4).
- 5. Rotate the Host counterclockwise to affix the Host to the lid.



Please only use the screws (M3*16 tapping screw) provided with the kit to mount the Host to the ceiling.
Please see Positioning the Host antennas on page 16 for guidelines on positioning the antenna to maximize signal reception.

Attaching the Host to a ceiling mount

If the display is mounted on the ceiling:

- 1. Attach the Host to the ceiling mount using the provided velcro strap.
- 2. Fix the Host to the mounting holder.
- 3. Use the supplied velcro to fix the mounting holder and the Host to the ceiling mount as shown in the illustration.



- Please only use the velcro strap (300(L)mm*25(W)mm) provided with the kit to mount the Host to a ceiling mount.
 - Please see Positioning the Host antennas on page 16 for guidelines on positioning the antenna to maximize signal reception.

Placing the Host on a table

If your display is placed on a table, first attach the lid of to the Host in the following the process described below:

1. Align the lid over the bottom of Host so that the triangle on the bottom side of the lid is aligned to the triangle in the lid compartment, then insert the lid into the lid compartment.



2. Turn the lid counter-clockwise until it clicks into place.



3. When the lid is correctly installed on the Host the alignment hole on the lid should be pointed to the **LOCK** print at the front side of the Host.



4. Attach the rubber feet to the recesses on the lid and put the Host right next to the display.



• Please only use the rubber foot provided with the kit to attach to the Host.

• Please see Positioning the Host antennas on page 16 for guidelines on positioning the antenna to maximize signal reception.

Installing the Host on the wall or trolley

- If you need to install the Host near a display:
- I. Stick double-sided tape to the lid of the Host.
- 2. Affix the Host on the wall near the display.
- 3. Keep the antennas away from any signal obstructions.



You can also place the Host on a mobile display trolley. See the illustration.



- Please only use double-sided sponge tape on the lid of the Host.
- Please wait 24 hours after you attach the double-sided sponge tape to the lid of the Host.

Positioning the Host antennas

Once you have properly installed the Host, follow the guidelines below to position the antennas to maximize signal reception:

For ceiling installation

Position the antennas so that they are both pointed downwards at an angle roughly perpendicular to the ceiling:



For ceiling mount installation

• Position the antennas so that they are both point either upwards or downwards roughly parallel to the ceiling mount:



• If you encounter bad signal reception after initial use of the Host you can manually adjust the antennas so that they tilt at a slight angle to maximize signal reception. When doing so, avoid tilting the antennas toward the ceiling mount:



• Avoid positioning the antennas in a horizontal manner, this may result in a weak signal reception:



• If the Host is attached to a metallic ceiling mount ensure that the antennas are at least 3 cm away from the metal portion of the ceiling mount:



For table placement

Position the antennas so that they are both pointed upwards roughly perpendicular to the table:



Connecting the HDMI cable and power

Once the Host has been positioned properly near the display, connect the HDMI cable and power to ensure signal transmission.

Assembling the adapter

Every adapter provided in the box includes a plug socket and plugs based on the region in which you purchased the product. Below are images of the standard American, standard European, standard Australian, and standard UK plugs:



To connect the plug of your choice, follow the steps below.

- I. Align and insert the plug into the adapter.
- 2. Push the plug all the way in until it clips into place.



To disconnect the plug, follow the steps below.



- I. Push the latch in the middle.
- 2. Detach the plug by pushing it outward and remove the plug.

Connecting the HDMI cable

Connect the HDMI cable to the HDMI out jack of the Host and the HDMI input jack of the projector.



Power supply via a power adapter

Connect the male connector of the extender power cable to the power jack of the Host, then connect the supplied power adapter to the female connector of the extender power cable, and then plug the other end of the power adapter into a wall socket. Once the connection is set up press the power switch on the extender power cable to supply power to the Host, the LED indicator on the standby button of the Host lights up static green when the power is supplied.





For BenQ IFP (Interactive Flat Panel) products, please have power supplied via a power adapter.

LAN connection

The Host can be connected to a local network or directly to a laptop. The LAN connection can be used to configure your product and update the software. Insert a network cable with RJ-45 connectors into the LAN port and connect the other side to a LAN.

Setting up and powering a Button

1. Connect the Button's HDMI and USB jacks to the corresponding inputs of a laptop. See the illustration.



2. The LED indicator of the Button will flash green while the Button is starting up.



3. When the Button is ready to present, the LED indicator will turn solid green. Press the Present key when the LED indicator turns green.



- If the Button encounters problems while pairing with the Host during startup the LED indicator will flash red. Repeat the previous the process again until the LED turns solid green. See LED indicators of the Button and the Host on page 10 for more information on LED behavior.
 - Handle the Button cable with care. Rough handling might cause defects.
 - Pull/Push the plug instead of the cable when inserting or removing Buttons.

If you purchase an additional Button (via a Button Kit), please follow the process described below:

- 1. Follow the pairing instructions described in Pairing a Button and Host on page 23.
- 2. Connect the Button's HDMI and USB jacks to the corresponding inputs of a laptop. See the illustration.



3. The LED indicator of the Button will flash green while the Button is starting up.



4. When the Button is ready to present, the LED indicator will turn solid green. Press the Present key when the LED indicator turns green.



• Handle the Button cable with care. Rough handling might cause defects.

• Pull/Push the plug instead of the cable when inserting or removing Buttons.

Using Cable USB A(F) to USB A(M)

A USB cable is provided for MacBook and Windows laptop users.

- I. Insert the HDMI cable of the Button to the HDMI converter of your laptop.
- 2. Connect the cable USB A(F) to your laptop.
- 3. Connect the Button's USB jack to the Cable USB A(M).





Make sure your own HDMI converter is workable.

Pairing a Button and Host

A product set includes a Host and two Buttons, which are paired before shipment. In such a case, you don't need to pair them again. However, if you buy two or more product sets, and you want to pair a Button with a different Host, you need to follow the instruction below. If you buy an additional Button kit, and you want to pair the new Buttons with your Host, you need to follow the instruction below the instruction below as well.

When the Host is placed on a table

1. Make sure your Host is ready with power supply. Connect the Button's HDMI and USB jacks to the corresponding inputs of a laptop.



2. When the new Button is connected to the laptop, the LED indicator of the Button will flash red. The Button is in pairing mode, waiting to pair with your Host.





If a Button nearby has been paired with a Host before, it will turn static green.

3. Press the **PAIRING** key of the Host for five seconds, the LED indicator of the Host will blink blue for two minutes, waiting to pair with a Button.



If the Host is attached to the ceiling so that it is not easy to press the **PAIRING** key, please use the pairing process in the web management interface. Refer to Pairing on page 48 for information.

4. Press the split screen key on the side of the Button for five seconds. The LED indicator of the Button will blink blue for about 10 seconds. The pairing process is ongoing. The "Pairing in progress" message will be shown on the screen.





5. The LED indicator of the Button turns static green and a "Pairing complete" message will be shown when the Host and Button are successfully paired.



The maximum number of Buttons you can pair with one Host is 32.

Storing Buttons and USB cable in the cradle

You are provided with two different ways to store the Buttons in the cradle. Place the Buttons in the cradle vertically (1) or horizontally (2). See the illustrations.



Resetting a Host

Resetting a Host allows you to return the Host to its original factory settings. You may want to reset the Host because of either one of the following reasons:

- You want to clear the web management interface of all changes made to its configurations, such as pairing information, passwords, SSID, Frame Rate, etc. and return it back to its default settings. Refer to Web management on page 34 for more information.
- You are unable to access the web management interface (for instance due to an altered or lost password).

Reset the Host using the following steps:

I. Connect the power port on the Host to a power source and wait for at least 90 seconds.

After the Host has been connected to a power source for at least 90 seconds, the Host LED may indicate any one of the statuses described in LED indicators of the Button and the Host. As long as the Host has been connected to a power source for at least 90 seconds, you may proceed to the next step of the resetting process regardless of the status of the Host LED.

2. Poke the **RESET** hole at the rear of the Host with a pin for at least 5 seconds.



- 3. The Host LED will begin quick flashing red (flash red twice every second) for 10 seconds, then light up static white for 3 seconds, indicating that the Host is resetting.
- 4. Once the Host LED lights up static green the resetting process is complete.

Do not disconnect the Host from its power source at any time during the resetting process.

Resetting a Button

Resetting a Button allows you to return the Button to its original factory settings. You may want to reset a Button because of either one of the following conditions:

- You purchased an additional Button (via a Button Kit) which has not been paired to a Host.
- A Button that was included in the original package has been paired to a different Host (one which was not originally included with the Button in the package), and you want to quickly pair it back to its original Host.
- A Button that was included in the original package has been paired to a different Host (one which was not originally included with the Button in the package), and you want to re-pair the Button to its original Host while the Host is not powered on.

Reset a Button using the following steps:

1. If the original Host is powered on, place the Button within range of the original Host and ensure the LED on the Host is static green.

2. Connect the USB 3.0 connector on the Button to a powered on laptop and wait for at least 30 seconds.

After the Button has been connected to a powered on laptop for at least 30 seconds, the Button LED may indicate any one of the statuses described in LED indicators of the Button and the Host. As long as the Button has been connected to a powered on laptop for at least 30 seconds, you may proceed to the next step of the resetting process regardless of the status of the Button LED.

3. Poke the **RESET** hole at the bottom of the Button with a pin for at least 5 seconds.



- 4. The Button LED will begin quick flashing red (flash red twice every second) for 10 seconds, then light up static white for 2 seconds, indicating that the Button is resetting.
- 5. Once the Button LED lights up static green the resetting process is complete.

Do not disconnect the Button from its power source at any time during the resetting process.

Starting and stopping presentations

This section will guide you on how to start and stop a presentation using the product.

Getting ready

Make sure that all the connected devices have been powered on and ready for the presentation.

As the product could work with different projectors, IFPs, TVs, or monitors with standard HDMI ports, the steps required to start a presentation may vary according to the actual environment and your display specifications. Follow the procedures below and refer to the specified sections for details.

- 1. To start a presentation, see Starting presentation on page 28 for details.
- 2. To stop a presentation, see Idle presentation on page 29 for details.
- 3. To start a split-screen presentation, see Split screen presentations on page 30 for details.
- 4. To start a presentation with a mobile device, see Presenting with mobile devices on page 31 for details.
- 5. To control presentations via a touchscreen displays or mouse/keyboard see Touch back on page 33 for details.

Starting presentation

- 1. Make sure power is supplied to the Host. See Connecting the HDMI cable and power on page 17 for more information.
- 2. Choose the HDMI source corresponding to the Host on the display. You will see the Guide screen.



- 3. Please follow the instruction on the Guide screen to supply power to the Button. You can also see Setting up and powering a Button on page 20 for more information. The LED indicator on the Button is static green when the Button is connected and working properly.
- 4. To start a presentation, press the Present key.

5. The device starts presenting, and the LED indicator of the Button turns static blue.



Make sure the transmission distance between the Button and Host is within 15M and with no obstacles.
The product supports MacBooks and Windows laptops to mirror an extended desktop.

Idle presentation

- I. To stop a presentation, press the Present key.
- 2. The device stops presenting, and the LED indicator of the Button turns green.
- 3. Users can press the Present key to return to the presentation.



Split screen presentations

The product allows up to 4 users to present simultaneously in a split screen orientation.

Starting a split screen presentation

1. Connect a Button to each computer that will be presenting in the split screen presentation. See Setting up and powering a Button on page 20 for more information.

Make sure that all Buttons have already been paired to the Host projecting the presentation. See Pairing a Button and Host on page 23 for more information.

- 2. Start a normal presentation using one of the Host buttons. See Starting presentation on page 28 for more information.
- 3. Press the split screen button on the Host that started the presentation to enable split screen presentations.

(+T)	

- 4. Once a notification appears on-screen indicating that the split screen function has been enabled, press the Present key on the Button of the second computer that wants to join the split screen presentation.
- 5. Repeat step 4 for all other users that want to join the split screen presentation.



• Only up to 4 users are simultaneously supported in a split screen presentation.

- The layout of the split screen presentation will be dictated by the amount of users in the presentation.
- If split screen is not enabled by the initial Button, all subsequent connections by other Buttons will be full screen presentations.

Switching from a split screen to a full screen presentation

Once in a split screen presentation you can switch to a full screen presentation of any of the participant's screen by pressing the split screen button on the Button of the computer that wants to present in a full screen.



To return to a split screen presentation repeat the steps in Starting a split screen presentation on page 30.

Presenting with mobile devices

Users with mobile devices can connect their mobile devices to the Host and make a presentation via the InstaShare app by following the steps below:

- 1. Install the InstaShare app on your mobile device using the QR code located on the guide screen.
- 2. The name of the Host is displayed on your mobile device's Wi-Fi menu, select it to make a Wi-Fi connection. No password is required.

3. Select a desired function and follow the on-screen instructions to project.





Touch back

When a Host is connected to a touchscreen display and a PC is presenting via a Button, you can use a USB Type-A cable to connect any of the USB ports located at the rear of the Host to the touch input USB port of the display to control the interface of the PC remotely via touch gestures on the display.



The product only supports touch back for Windows-based PCs. It does not support touch back for MacBooks or smartphones connected via the InstaShare app.

For presentations that do not feature a touchscreen display, you can connect a USB mouse and/or USB keyboard to any of the USB ports located at the rear of the Host to control the interface of the presenting computer and input text remotely via the mouse/keyboard.



Web management

The product is equipped with a web management interface that enables you to configure its features through a browser such as Google Chrome (version 49.0.26), Internet Explorer (version 8.0), or Firefox (version 46.0.1).



The features may vary according to different firmware versions.

Accessing the web management interface

Logging into the web management interface via direct connection

1. Connect your Host directly to a laptop using a network cable (RJ-45) and to a power source using the power adapter.



2. Wait until the LED indicator on your Host lights up static green.

3. The default IP address of your Host is 192.168.20.1. Change your laptop's IP address to 192.168.20.x (e.g. 192.168.20.100).

Connect using:			
Qualcomm Atheros AR816	1 PCI-E Gigabit	Ethernet C	ontro
		Configu	ire
This connection uses the followin	g items:	Coninge	
QoS Packet Scheduler	-		~
Microsoft Network Adap	ter Multiplexor F	rotocol	
Microsoft LLDP Protoco	l Driver covery Manner	I/O Driver	
✓ → Link-Layer Topology Dis	covery Respon	der	
✓	6 (TCP/IPv6)		
	h 4 (TCP/IPv4)		>
Install Lini	ostall	Properti	e e
Description	Istall	riopen	69
Transmission Control Protocol/	Internet Protoco	ol. The defa	ult
wide area network protocol that across diverse interconnected	at provides com networks	munication	
		_	
	OK		Cancel
	ОК		Cancel
Internet Drotocol Versio			Cancel
Internet Protocol Versio	OK n 4 (TCP/IPv4	4) Proper	Cancel rties
Internet Protocol Versio	OK n 4 (TCP/IPv4	4) Proper	Cancel
Internet Protocol Versio	OK n 4 (TCP/IPv4	4) Proper	Cancel rties
Internet Protocol Versio meral 'ou can get IP settings assigned aut his capability. Otherwise, you need or the appropriate IP settings.	OK n 4 (TCP/IPv4 omatically if your to ask your netw	4) Proper network su ork administ	Cancel rties pports trator
Internet Protocol Versio	OK n 4 (TCP/IPv4 omatically if your to ask your netw	4) Proper network su	Cancel rties pports trator
Internet Protocol Versio eneral 'ou can get IP settings assigned aut his capability. Otherwise, you need or the appropriate IP settings. Obtain an IP address automatic Obtain an IP address automatic	OK n 4 (TCP/IPv4 omatically if your to ask your netw ally	4) Proper	Cancel rties pports trator
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Internet Protocol Versio eneral fou can get IP settings assigned aut his capability. Otherwise, you need for the appropriate IP settings. Obtain an IP address automatic Use the following IP address: IP address: Subnet mask: Default nateway:	OK n 4 (TCP/IPv4 omatically if your to ask your netw ally 192 . 168 . 255 . 255 .	4) Proper network su ork administ 20 . 100 255 . 0	Cancel rties pports trator
Internet Protocol Versio eneral fou can get IP settings assigned aut his capability. Otherwise, you need for the appropriate IP settings. Obtain an IP address automatic Use the following IP address: IP address: Subnet mask: Default gateway:	OK n 4 (TCP/IPv4 omatically if your to ask your netw ally 192 . 168 . 255 . 255 .	4) Proper network su ork administ 20 . 100 255 . 0	rties pports prator
Internet Protocol Versio aneral fou can get IP settings assigned aut this capability. Otherwise, you need for the appropriate IP settings. Obtain an IP address automatic Use the following IP address: IP address: Subnet mask: Default gateway: Obtain DNS server address automatic	OK n 4 (TCP/IPv- matically if your to ask your netw ally 192 . 168 . 255 . 255 .	4) Proper network su ork administ 20 . 100 255 . 0	rties pports trator
Internet Protocol Versio eneral /ou can get IP settings assigned aut this capability. Otherwise, you need for the appropriate IP settings. Obtain an IP address automatic Outain an IP address automatic Use the following IP address: IP address: Subnet mask: Default gateway: Obtain DNS server address auto Outain DNS server address auto	OK n 4 (TCP/IPv- matically if your to ask your netw ally 192 . 168 . 255 . 255 .	4) Proper network su ork administ 20 . 100 255 . 0	rties pports rrator
Internet Protocol Versio eneral fou can get IP settings assigned aut this capability. Otherwise, you need for the appropriate IP settings. Obtain an IP address automatic Outain an IP address automatic Use the following IP address: IP address: Subnet mask: Default gateway: Obtain DNS server address auto Otain DNS server address auto Use the following DNS server ac	OK n 4 (TCP/IPv- matically if your to ask your netw ally 192 . 168 . 255 . 255 .	4) Proper network su ork administ 20 . 100 255 . 0	rties pports rrator
Internet Protocol Versio eneral fou can get IP settings assigned aut his capability. Otherwise, you need of the appropriate IP settings. Obtain an IP address automatic Outse the following IP address: IP address: Subnet mask: Default gateway: Obtain DNS server address auto Use the following DNS server ad Preferred DNS server: Alternate DNS server:	OK omatically if your to ask your netw ally 192 . 168 . 255 . 255 .	4) Proper network su ork administ 20 . 100 255 . 0	rties pports rrator
Internet Protocol Versio eneral //ou can get IP settings assigned aut file capability. Otherwise, you need for the appropriate IP settings. Obtain an IP address automatic Use the following IP address: IP address: Subnet mask: Default gateway: Obtain DNS server address aut Obtain DNS server address aut Obtain DNS server: Alternate DNS server: Validate settings upon exit	OK n 4 (TCP/IPv4 comatically if your to ask your netw ally 192 . 168 . 255 . 255 .	4) Proper network su ork administ 20 . 100 255 . 0	rties pports rrator
Internet Protocol Versio eneral //ou can get IP settings assigned aut fuis capability. Otherwise, you need or the appropriate IP settings. Obtain an IP address automatic Use the following IP address: IP address: Subnet mask: Default gateway: Obtain DNS server address aut Obtain DNS server address aut Obtain DNS server: Alternate DNS server: Validate settings upon exit	OK O	4) Proper network su ork administ 20 . 100 255 . 0	ced

4. On your browser, enter the IP address: 192.168.20.1. On the login page, enter the default user name (admin) and password (0000).

Please input	account	
Please input	password	
	Login	

5. You will successfully log into the web management interface.

Logging into the web management interface via LAN

If your Host is connected to your LAN, you can enter the IP Address shown on the screen via a web browser.



Logging into the web management interface via a wireless network

The product supports 802.11 ac/n. It is compatible with most devices with Wi-Fi capability (e.g. laptop or mobile devices), you can locate the Host via the WDC20_xxxxxx SSID (shown in the Guide/Idle screen) in your laptop or mobile device's wireless network menu and connect to it. The default password is the same as the name of the SSID (for example, if the SSID is "WDC20_c7a3ae", the password will be "WDC20_c7a3ae"). When the device is connected to the Host, enter the IP Address, "192.168.168.2" in a web browser, then enter the user name and password as shown in step 4 of Logging into the web management interface via direct connection on page 34.

The following is an example of how you can log into the web management interface via a mobile device with IEEE 802.11ac.

1. Go to **Settings** > **Wi-Fi**, and you can find the SSID of your Host: WDC20_c7a3ae.



2. Enter the default password "WDC20_c7a3ae" and press Connect.

WDC20_c7a3a Password	е	
·····		
Show password		
Advanced options		~
	Cancel	Connect

3. Access the web management interface following step 4-5 of Logging into the web management interface via direct connection on page 34.

Getting started

You can now use the web management interface to configure various settings of your Host.

				English 🔻	Logout
Beng	Main column	Top command	buttons /	Kongaish 简体中文 繁體中文	
	System Information			суро Български Čeština Dovula	
Information	Serial Number	WDC20181030030		Deutsch	
	Firmware Version	WDC20(R)_0.60.01 / 1.1.21		Español	
WAN	Authorization Status	Authorized		Suomi Français (Canada)	
ireless Network	Host Name	WDC20_c7a3ae		Français (France) हिल्दी	
Pairing				Hrvatski Magyar	
dvance Setting	• WAN			Bahasa Indonesia Italiano 日本語	
Scheduling	Connection Status	Connected		Norsk bokmål Nederlands	
Tool	Connection Type	DHCP		Polski Português	
	WAN IP Address	192.168.20.1		Română Русский	
d Announcement	WAN MAC Address	80:BA:AC:52:03:EB		Svenska	
cion	2.4G	Wi-Fi MAC Address	80:BA:AC:52:03:EB		
	2.4G	Wi-Fi MAC Address	80:BA:AC:52:03:EB		
	5G	SSID	WDC20_c7a3ae		
		Wi-Fi MAC Address	0C:EF:AF:C7:A3:AE		
	Wi-Fi Certification	ALL			
	• My Screen Guide Screen	Orizinal V]
	Idle Screen	Original V			-
	 Screen Message]
	Screen Message Message Content]

Top command buttons

Change language

- 1. The default language is English. To change the interface language, go to the language settings panel and you can see all available languages.
- 2. Click the language you want to switch to and your new language will be set.
- 3. Once a new language has been set both the web management interface and the product's OSD will feature the new language.

Supported languages vary by country/region where you purchase.

Logging out

Click Logout on the upper right corner.

Function bar

The function bar shows the settings menus available in the web management interface.

Main column

The main column shows the detailed content from the function bar.

Information

Click Information and you will see detailed information for System Information, WAN, Wireless Network, My Screen, and Screen Message.

System Information Strial Number WDC200R1090090 Pirmware Version WDC200R1_0 0001/1121 AN Striat Number WDC200R1_0 0001/1121 An Betwork WDC20_1c1abs Striat Name WDC20_1c1abs WDC20_1c1abs Bottom WDC20_1c1abs WDC20_1c1abs Bottom DBC2 UNA Connection Status Connection Status Connection Connection Status Connection Status Connection WNAN MAC Address BOBAAC 52:00 2B WDC20_1c1abs WNAN MAC Address BOBAAC 52:00 2B WDC20_1c1abs WTMAC Address BOBAAC 52:00 2B WDC20_1c1abs WFM Address SED WDC20_1c1abs WDC20_1c1abs WFM Canded Address BOBAAC 52:00 2B WDC20_1c1abs WDC20_1c1abs WFM Canded Address GOE FAR FC 7:A3 AB WDC20_1c1abs WDC20_1c1abs WFM Canded Address GOE FAR FC 7:A3 AB WDC20_1c1abs WDC20_1c1abs WFM Canded Address GOE FAR FC 7:A3 AB WDC20_1c1abs WDC20_1c1abs WFM Canded Address GOE FAR FC 7:A3 AB WDC20_1c1abs				English v
ratio System Information ratio Serial Number VDC2031303099 NAN Authorization Status Authorization in Sectorization Host Name VDC20313130099 interment WDC20313130099 Immuner Version interment WDC20313130099 Immuner Version interment Work WDC20313130099 Immuner Version website Host Name WDC20313130099 Immuner Version website Host Name WDC20313130099 Immuner Version website Host Name WDC20313130099 Immuner Version website Water Host Name WDC20313130099 Immuner Version website WAN MAC Address ID MDC20313130 Immuner Version website SID WDC203113009 WDC20313130 Immuner Version Website SID WDC20311310 Immuner Version Immuner Version Website SID WDC20311310 WDC20311310 Immuner Version Website SID WDC203110 WDC203110 Immuner Version Website SiD	000			
System Information Serial Number WAN Authorization Status Authorization Bott Name WDC202_(*12) 0 001/11/21 Authorization Serial Bott Name WDC202_(*12) 0 Connection Connectio	enq			
Serial Number WDC20181080030 WAN Authorization Status Authorization Status Authorization Status Authorization Status Authorization Status Host Name WDC20_2*35s Image: Connection Status Connected Connection Type DHC2 DHC2 Image: Connection Status Connected Connection Type DHC2 DHC2 Image: Connection Status Connected Image: Connection Status Image: Connection Status Image: Connection Status Connected Image: Connection Status Image:		System Information		
Instant Firmware Version WDC20(R)_0 60.01 / 11.21 Asthorization Statu Authorized as Network WDC20_0*32a atring WLN Connected Connected Connected Connected Connected Connected WAN WAN ActionType DHCP WAN MAC Address 80 BA AC 52 03 EB Wireless Network Vireless Network 2.4C SSD WDC20_c*Name W3-FI MAC Address 60 BA AC 52 03 EB WW-FI MAC Address 00 BA AC 52 00 EB WW-FI MAC Address 00 BA AC 52 03 EB WW-FI MAC Address 00 C SF AF C7 A3 AE WW-FI Certification ALL WW-FI Certification ALL My Screen Original Guide Screen Original Screen Message Idl Screen Idl Screen		Serial Number	WDC20181030030	
Authorization Statu Authorized is Network Host Name WDC20_C*25 a isting Outsection Statu Connected Connection Statu Connected Connected WAN Connected Connected WAN IP Address 192.163.20.1 Connected WAN MAC Address 80 BA AC 52.03 EB Connected Wireless Network StD WDC20_Crisise WDC20_Crisise StD WDC20_Crisise WVDC20_Crisise WVDC20_Crisise Wireless Network StD WDC20_Crisise WVDC20_Crisise Wireless Network 2.46 WVDC20_Crisise WUDC20_Crisise Wireless Network 2.46 WVDC20_Crisise WUDC20_Crisise Wireless Network 2.46 WVDC20_Crisise WVDC20_Crisise Wireless Network Ital Streen Otype: Transition of the streen Transited streen Mi	formation	Firmware Version	WDC20(R)_0.60.01 / 1.1.21	
sis Network airing sise Setting eduling Tool 0 WAN WAN IP Address 00 BA AC 52 00 EB WAN NAC Address 00 BA AC 52 00 EB 0 Wireless Network 2.460 WiFI MAC Address 0 Wireless Network 2.460 WiFI MAC Address 0 SID WDC20_Crisise WiFI MAC Address 00 BA AC 52 00 EB SID WDC20_Crisise WiFI MAC Address 00 EF AF 07 A3 AE Image: Single	WAN	Authorization Status	Authorized	
aring see Setting eduling Teol insourcement WAN IP Address IP 2166 20.1 WAN IP Address IP 2166 20.1 WAN IAC Address IP 2166 20.1 WAN IAC Address IP 2166 20.1 Wareless Network IP 246 SSID WDC20_c?abse IP 246 SSID WDC20_c?abse IP 246 SSID WDC20_c?abse IP 246 SSID WDC20_c?abse IP 246 SSID WDC20_c?abse IP 246 SSID WDC20_c?abse IP 246 SSID WDC20_c?abse IP 246 SSID WDC20_c?abse IP 246 SSID IP 246 SSID IP 246 SSID IP 246 IP 246	aless Network	Host Name	WDC20_c7a3ae	
see Setting • WAN reduling Connection State Connected Tool Connection Type DHCP wan the set of the s	Pairing			
eduling Tool Too	rance Setting	O WAN		
Connected Tool Boouscement WAN IF Address Bo BA: AC:52:03 EB Wireless Network 24G SSID WDC20_cristee OC EF AF C7:A3 AE My Screen Guide Screes Original Idle Screes Original Screen Message Original	chaduling	•		
Tool Cousection Type DHCP Nanouscement WAN IP Address 192165.20.1 WAN MAC Address 90 BA.AC.52.03 EB Impounded Vireless Network 2.46 SSID WDC20_c7a3ae Wi-Fi MAC Address 80 BA.AC.52.03 EB SSID WDC20_c7a3ae Wi-Fi MAC Address 80 BA.AC.52.03 EB SSID WDC20_c7a3ae Wi-Fi Certification ALL Wi-Fi Certification ALL My Screen Original Idle Screes Original Screen Message	cheduling	Connection Status	Connected	
Incomment IS2163.01 WAN MAC Address 00 BA.AC.52.03 EB Image: State of the state of t	Tool	Connection Type	DHCP	
Wireless Network 246 SSID WDC20_c7a3ae Wi-Fi MAC Address 80:BA.AC.52:03:EB SSID WDC20_c7a3ae 6 SSID WDC20_c7a3ae 8 SSID WDC20_c7a3ae 8 SSID WDC20_c7a3ae 8 SSID WDC20_c7a3ae 8 Wi-Fi MAC Address 0C:EF.AF.C7.A3:AE Wi-FF I Certification ALL Idle Screes Original Idle Screes Screen Message Message Content Idle Screes	Announcement	WAN IP Address	192.168.20.1	
Wireless Network 2.00 SSID WDC20_c7a3ae Wi-Fi MAC Address 80 BA.AC.52.03 EB SSID WDC20_c7a3ae Wi-Fi Certification ALL My Screen Original Guide Screes Original Idle Screes Original Screen Message		WAN MAC Address	80:BA:AC:52:03:EB	
66 SSID WDC20_crasae Wr-Fi MAC Address 0C EF AF:C7.A3.AE Wr-Fi Certification ALL Idle Screen Original Idle Screen Original Screen Message Message Content		2.4G	Wi-Fi MAC Address	80:BA:AC:52:03:EB
G Wi-Fi MAC Address 0C:EF:AF:C7:A3:AE Wi-Fi Certification ALL My Screen Guide Screen Original Idle Screen Original ▼ Idle Screen Original ▼			SSID	WDC20_c7a3ae
Wi-Fi Certification All My Screen Guide Screen Guide Screen Original Idle Screen Original Screen Message Message Content		5G	Wi-Fi MAC Address	0C:EF:AF:C7:A3:AE
 My Screen Guide Screen Original ▼ Idle Screen Original ▼ Screen Message Message Content 		Wi-Fi Certification	ATT	
My Screen Guide Screen Original Idle Screen Original Screen Message Message Content				
My Screen Guide Screen Guide Screen Idle Screen Screen Message Message Content				
Guide Screen Original Idle Screen Screen Message Message Content				
Idle Screen Original Screen Message Message Content		• My Screen		
Screen Message Message Content		• My Screen Guide Screen	Original V	
Screen Message Message Content		My Screen Guide Screen Idle Screen	Original V Original V	
Screen Message Message Content		My Screen Guide Screen Idle Screen	Original Original	
Message Content		My Screen Guide Screen Idle Screen	Original V Original V	
		My Screen Guide Screen Idle Screen Screen Message	Original ▼ Original ▼	
		My Screen Guide Screen Idle Screen Screen Message Message Content	Original ▼ Original ▼	

You can change the **Host Name** under **System Information**.

0	System Information		
	Serial Number	WDC20181030030	
	Firmware Version	WDC20(R)_0.60.01 / 1.1.21	
	Authorization Status	Authorized	
	Host Name	WDC20_c7a3ae	

You can change the background image for the Host's guide screen and/or idle screen by selecting **Custom** in the **Guide Screen** or **Idle Screen** fields, then clicking the **Select Image** button that appears, and then navigating to and selecting the image file on your local folder you want as either the Hosts **Guide Screen** or **Idle Screen**.



• To hide the tutorial boxes on either the Guide Screen or Idle Screen, check the Tutorial Hide box.

• To revert to the default Guide Screen or Idle Screen, select Original in the respective screen's field.



Guide Screen

You can enter messages under **Screen Message**. After filling in a message, press **Apply** to proceed. Your message will be shown at the top of the Guide/Idle Screen.



For **Screen Message**, the maximum lines allowed is 1 line, and the maximum number of characters allowed per line is 100 characters (alphanumeric or Chinese).

WAN

Click **WAN** and you will see the default **WAN IP Address** of the Host. The default connection type is DHCP which acquires the IP Address from your DHCP server of your network. If you want to change your **WAN IP Address**, choose **Static IP** under **WAN Connection Type**. Press **Apply** after changing the **WAN IP Address**.

	English Y	Logout
Benq		
	Connection Type Connection Type DHCP Static IP CP, the following settings will be applied.	
Information	WAN IP Address 192 . 168 . 20 . 1 💌 Show In Screen	
WAN	Subnet Mask 255 . 255 . 0	
Wireless Network	Default Gateway	
Pairing	Apply Cancel	
Advance Setting		
Scheduling		
Tool		
Legal Announcement		

Wireless Network

Click Wireless Network and you will see the Setting, Wi-Fi Radio Setup, and Wireless Nodes Status menu for the Host.

				English 🔻	Logout
Beng					
•	Setting				
	-				_
Information	SSID	WDC20_c7a3ae			_
WAN	WI-FI Security Option	WPA2 Personal Mixed	Show In Screen		_
Wireless Network	Tassinoru Setting	Rnahle 🔻	wonew in Screen		-
	2.4G Enable	Disable V			_
Pairing	5G Enable	Enable v			-
Advance Setting					
Scheduling		Apply Can	cel		
Tool					
Legal Announcement	Wi-Fi Radio Setup				
	Transmission Power	Heavy			
	Wi-Fi Area	ALL			-
	2.4G Channel	Auto 🔻			_
	2.4G Channel Width	20Mhz 🔻			-
	2.4G Mode	N Only			
	5G Channel	Auto 🔻			
	5G Channel Width	40Mhz 🔻			
	5G Mode	AC Only 🔻			
		Annh: Can	al.		
		Can Can			
•	Wireless Nodes Status				
	MAC Address	Device Name IP A	Address 2.4G/5G	Uptime	

Setting

The Wi-Fi SSID for the Host is displayed in the SSID field. The SSID for the Host is based on the **Host Name** set in the **Information > System Information** menu, to change the SSID for the Host use the **Host Name** field in the **System Information** menu.

0	Setting	
	SSID	WDC20_c7a3ae
	Wi-Fi Security Option	WPA2 Personal Mixed
	Password Setting	Show In Screen
	Isolate	Enable V
	2.4G Enable	Disable v
	5G Enable	Enzble v
		Apply Cancel

Wi-Fi Security Option provides the user WPA2 Personal and WPA2 Personal Mixed security options for the Host's wireless connection when users access the web management interface via a wireless network.

Setting	D	Settin	g
---------	---	--------	---

SSID	WDC20_c7a3ae	
Wi-Fi Security Option	WPA2 Personal Mixed	
Password Setting	WPA2 Personal WPA2 Personal Mixed	🗷 Show In Screen
Isolate	Enable 🔻	
2.4G Enable	Disable 🔻	
5G Enable	Enable 🔻	
	Apply Can	cel

WPA2 Personal allows only users with Advanced Encryption Standard (AES) encryption to connect to the Host.

WPA2 Personal Mixed allows users with various encryption methods to connect to the Host, which may be needed for users with older wireless devices.

The Wi-Fi security options described above only applies to the Wi-Fi connection used to access the web management interface via a wireless network. The Wi-Fi connection used for data transfer between the Host and Buttons utilizes a fixed WPA2-PSK security setting which cannot be changed.

Isolate is a security setting that allows you to isolate all Wi-Fi connections to the Host, so that devices that are connected to the Host via a Wi-Fi connection are isolated and cannot access any of the other devices connected to the Host for possible hacking. The default setting for this field is **Enable**. To deactivate the isolation setting and allow Wi-Fi devices connected to the Host to access each other select **Disable**.:

SSID	WDC20_c7a3ae
Wi-Fi Security Option	WPA2 Personal Mixed V
Password Setting	Show In Screen
Isolate	Enable 🔻
2.4G Enable	Disable
5G Enable	Enable

You can choose the available frequencies for the Host's Wi-Fi signal in the **2.4G Enable** and **5G Enable** fields. A 2.4G Wi-Fi signal is a signal that features a larger coverage range but slower data speeds and is more commonly used by older mobile devices, while a 5G Wi-Fi signal features faster data speeds at a smaller range. To enable or disable either 2.4G or 5G Wi-Fi signals by selecting **Enable** or **Disable** in the **2.4G Enable** and/or **5G Enable** fields.

SSID	WDC20_c7a3ae
Wi-Fi Security Option	WPA2 Personal Mixed 🔻
Password Setting	Show In Screen
Isolate	Enable
2.4G Enable	Disable 🔻
5G Enable	Enable 🔻

- Certain mobile devices are unable to access 5G Wi-Fi signals due to hardware limitations. If your mobile device is unable to connect to the Host via Wi-Fi, select **Enable** in the **2.4G Enable** field.
- Both 2.4G Enable and 5G Enable can be enabled at the same time.

After you configure all the Wireless Network > Setting items, press Apply to proceed.

SSID	WDC20_c7a3ae
Wi-Fi Security Option	WPA2 Personal Mixed 🔻
Password Setting	Show In Screen
Isolate	Enable 🔻
2.4G Enable	Disable 🔻
5G Enable	Enable V

Wi-Fi Radio Setup

In the **Transmission Power** field you can set the strength of the Wi-Fi signal with the available options being of **Heavy** for a strong Wi-Fi signal (20 dbm for 2.4G; 15 dbm for 5G), **Standard** for a standard Wi-Fi signal (18 dbm for 2.4G; 12 dbm for 5G), and **ECO** (15 dbm for 2.4G; 10 dbm for 5G) for a weaker, energy saving signal.

Transmission Power	Heavy 🔻
Wi-Fi Area	Heavy Standard
2.4G Channel	ECO
2.4G Channel Width	20Mhz V
2.4G Mode	N Only
5G Channel	Auto
5G Channel Width	40Mhz V
5G Mode	AC Only

In the **2.4G Channel** and **5G Channel** fields you can configure the Host to automatically select the wireless channel with the best performance for either signal during the initial setup of the Host by selecting **Auto**, or you can select a wireless channel manually. The default **2.4G Channel** and **5G Channel** setting for the Host is **Auto**.

O W	/i-Fi Radio Setup			
	Transmission Power	Heavy 🔻		
	Wi-Fi Area	ALL		
	2.4G Channel	Auto 🔻		
	2.4G Channel Width	Auto		
	2.4G Mode	2 3		
	5G Channel	4		
	5G Channel Width	6		
	5G Mode	8		
		10 11 12	el	
		13		
O W	ïi-Fi Radio Setup	13		
O W	'i-Fi Radio Setup Transmission Power	Heavy		
O W	/i-Fi Radio Setup Transmission Power Wi-Fi Area	Heavy T		
• W	/i-Fi Radio Setup Transmission Power Wi-Fi Area 2.4G Channel	Heavy ALL Auto		
• W	/i-Fi Radio Setup Transmission Power Wi-Fi Area 2.4G Channel 2.4G Channel Width	Heavy Y ALL Auto Y 20Mhz Y]	
• W	/i-Fi Radio Setup Transmission Power Wi-Fi Area 2.4G Channel 2.4G Channel Width 2.4G Mode	Heavy ALL Auto VOnly		
• W	/i-Fi Radio Setup Transmission Power Wi-Fi Area 2.4G Channel 2.4G Channel C.4G Mode 5G Channel	Heavy Heavy Hall Hatto Nonly Auto		
• W	/i-Fi Radio Setup Transmission Power Wi-Fi Area 2.4G Channel 2.4G Channel Width 2.4G Mode 5G Channel SG Channel Width	Heavy Y ALL Auto Y 20Mhz Y N Only Auto Y Auto Auto		
• W	/i-Fi Radio Setup Transmission Power Wi-Fi Area 2.4G Channel 2.4G Channel With 2.4G Mode 5G Channel SG Mode	13 Heavy ALL Auto 20Mhz ▼ N Only Auto Auto 40 40 44		

In the 2.4G Channel Width and 5G Channel Width fields you can configure the channel width for your 2.4G and/or 5G Wi-Fi signal. The available options for 2.4G Channel Width are 20MHz and 40MHz, while the available options for 5G Channel Width are 20MHz, 40MHz, and 80MHz. The default channel width for 2.4G Channel is 20MHz while the default channel width for 5G Channel is 40MHz.

Transmission Power	Heavy	
Wi-Fi Area	ALL	
2.4G Channel	Auto	
2.4G Channel Width	20Mhz V	
2.4G Mode	20Mhz 40Mhz	
5G Channel	Auto	
5G Channel Width	40Minz V	
10 M.A.	AC Only	_
SG MOde Wi-Fi Radio Setup	Apply Cancel	
SG MORE Wi-Fi Radio Setup Transmission Power	Apply Cancel Heavy	
SG Mode Wi-Fi Radio Setup Transmission Power Wi-Fi Area	Apply Cancel Heavy ALL	
Wi-Fi Radio Setup Transmission Power Wi-Fi Area 2.4G Channel	Apply Cancel Heavy ALL Auto	
Wi-Fi Radio Setup Transmission Power Wi-Fi Area 2.4G Channel 2.4G Channel Width	Apply Cancel Heavy ALL Auto 20Mhz	
Wi-Fi Radio Setup Transmission Power Wi-Fi Area 2.4G Channel 2.4G Channel 2.4G Mode	Apply Cancel Heavy ALL Auto 20Mhz N Only	
Wi-Fi Radio Setup Transmission Power Wi-Fi Area 2.4G Channel 2.4G Channel 2.4G Mode 5G Channel	Apply Cancel Heavy ALL Auto 20Mhz N Only Auto	
Wi-Fi Radio Setup Wi-Fi Radio Setup Wi-Fi Area 2.4G Channel 2.4G Channel 2.4G Mode 5G Channel 5G Channel	Apply Cancel Heavy V ALL Auto Q0Mhz V 400hz V	

The supported wireless channels listed vary according to wireless regulations of the country/region which is listed in the **Wi-Fi Area** field.

In **5G Mode**, you can select the Wi-Fi standard for the 5G Wi-Fi signal. The available options are **N Only** and **AC Only**. The default **5G Mode** setting is **N Only**.

Transmission Power	Heavy
Wi-Fi Area	ALL
2.4G Channel	Auto
2.4G Channel Width	20Mhz V
2.4G Mode	N Only
5G Channel	Auto
5G Channel Width	40Mhz V
5G Mode	AC Only



The Wi-Fi standard for the 2.4G Wi-Fi signal in the 2.4G Mode field is set to N Only and cannot be configured.

After you configure all the Wireless Network settings, press Apply to proceed.

Transmission Power	Heavy 🔻
Wi-Fi Area	ALL
2.4G Channel	Auto 🔻
2.4G Channel Width	20Mhz 🔻
2.4G Mode	N Only
5G Channel	Auto 🔻
5G Channel Width	40Mhz V
5G Mode	AC Only

Wireless Nodes Status

The **Wireless Nodes Status** sub-menu lists all the devices connected to the Host via Wi-Fi indicates their **MAC Address**, **Device Name**, **IP Address**, Wi-Fi channel used (**2.4G/5G**), and connection time (**Uptime**).

0	Wireless Nodes Status				
	MAC Address	Device Name	IP Address	2.4G/5G	Uptime
	B0:F1:EC:7A:BC:50	1525999155	192.168.168.136	5G	7m 36s

Pairing

					English	•
BenQ	• Pairing					
Information			Start pa	airing		
WAN						
Wireless Network	Pairing Status					
Pairing	Connected Status	TX Serial Number	TX MAC Address	TX Firmware Version	Authorization Status	Delete
Advance Setting	Disconnected	WDC201811050101	B0:F1:EC:7A:7A:96	WDC20(T)_ 0.60.00	Authorized	
	Disconnected	WDC201811050096	B0:F1:EC:7A:BC:50	WDC20(T)_ 0.60.00	Authorized	

Click Pairing and you will see Pairing and Pairing Status.

Pairing is used when the Host is attached to the ceiling as it is not easy to press the **PAIRING** key of the Host when the device is high on the ceiling. You can pair a Button and Host via the web management interface.

I. Connect the Button's HDMI and USB jacks to the corresponding ports of a laptop.



2. When the Button is successfully connected to the laptop, the LED indicator of the Button will blink green.



- 3. Make sure the Host is properly connected to a power source.
- 4. Enable the 2.4G Wi-Fi channel in the **Wi-Fi Radio Setup** menu.

5. Press **Start pairing** to pair the Host to the Button via the web management interface, you will have two minutes to pair with the Button.



6. Press the split screen key on the side of the Button for five seconds. The LED indicator of the Button will blink blue for about 10 seconds. The pairing process is ongoing. A "Pairing in progress" message will be shown on the screen.



7. The LED indicator of the Button will turn static green when the Host and Button are successfully paired.



- Images are for reference only. Each product features a different serial number.
- The maximum number of Buttons you can pair with one Host is 32.

8. You may press **Stop pairing** anytime to stop the pairing process.

• Pairing	
	Stop pairing
	Pairing remaining time: 113s

Advance Setting

Click Advance Setting to adjust Firewall, Host Output Resolution, Screen Scale, 4 Way Split, Stream Encryption, Login Code, and HDCP Auto.

			English 🔻	Logout
Beno				
Derice				
	Advance Setting			
Information	Firewall	Reject 🔻		
WAN	Host Output Resolution	1920x1080p-60		
	Screen Scale	Adjustment		
Wireless Network	4 Way Split	© Enable ® Disable		-
Pairing	Stream Encryption (only for TX to RX)	3 Level 🔻		
Advance Setting	Login Code (only for APP)	Disable 🔻		
Schaduling	HDCP Auto	® On ◎ Off		
Statednag		Arrely		
Tool		Appty Cancel		
Legal Announcement				
	Restart			
		_		
		Kestar		
	Sleep			
		Sleep		

Firewall is a security setting that allows you to block/reject users from accessing the Host via its WAN port in order to protect it from hacking. The default setting for this field is **Reject** which enables the firewall and rejects access to the Host via its WAN port. To disable the firewall and allow devices to access the Host via its WAN port select **Accept**.:

Firewall	Reject 💌
Host Output Resolution	Reject Accept
Screen Scale	Adjustment
4 Way Split	© Enable ® Disable
Stream Encryption (only for TX to RX)	3 Level 🔻
Login Code (only for APP)	Disable 🔻
HDCP Auto	⊛ On ◎ Off



Users will still be able to access the web management interface via a direct connection to the WAN port when the **Firewall** is set to **Reject**.

Host Output Resolution configures the Host's output resolution for video broadcast by the Host. When Host Output Resolution mode is set to Auto the Host will select the output resolution based on the connected display's native timing, or you can select an output resolution manually.

Firewall	Reject	
Host Output Resolution	1920x1080p-60 V	
Screen Scale	2uto 1920x1080p-60	
4 Way Split	1920x1080p-50 1280x720p-60	
Stream Encryption (only for TX to RX)	1280x720p-50 720x576p-50	
Login Code (only for APP)	720x480p-60	
HDCP Auto	⊛On ©Off	

Screen Scale allows users to adjust the borders of the Host's video output so that it properly fits the screen of the connected display. This setting is mainly intended for users who connect the Host to a touchscreen display, so that the edges of the video align to the edges of the display's screen to ensure the accuracy of touch gestures. To adjust the **Screen Scale** setting, click the **Adjustment** button, then use the toggle buttons to scale the video to fit the screen.

Firewall Reject Host Output Resolution 1920x1080p-60 Screen Scale Adjustment 4 Way Split © Enable @ Diable Stream Encryption (only for TX to RX) 3 Level	
Host Output Resolution 1920x1080p-60 Screen Scale Adjustment 4 Way Split © Enable Stream Encryption (only for TX to RX) 3 Level	
Screen Scale Adjustment 4 Way Split © Enable Stream Encryption (only for TX to RX) 3 Level	
4 Way Split ◎ Enable ® Disable Stream Encryption (only for TX to RX) 3 Level ▼	
Stream Encryption (only for TX to RX) 3 Level	
Login Code (only for APP) Disable	
HDCP Auto	
Screen Scale	

4 Way Split enables or disables split screen presentations and has the same function as the split screen button on a Button. See Split screen presentations on page 30 for more information split screen presentations.

Firewall	Reject 🔻
Host Output Resolution	1920x1080p-60
Screen Scale	Adjustment
4 Way Split	© Enable ® Disable
Stream Encryption (only for TX to RX)	3 Level 🔻
Login Code (only for APP)	Disable 🔻
HDCP Auto	⊛On ©Off

Stream Encryption is a security setting that allows you to select the level of encryption for the connection between the Host and Buttons in order to protect it from hacking. The default setting for this field is **3 Level**, to change the setting to a lower level of encryption select **2 Level**.

Firewall	Reject 🔻
Host Output Resolution	1920x1080p-60
Screen Scale	Adjustment
4 Way Split	© Enable ® Disable
Stream Encryption (only for TX to RX)	3 Level 🔻
Login Code (only for APP)	3 Level 2 Level
HDCP Auto	® On ◎ Off

Login Code allows you to set a login password for connections by mobile devices which will appear on the guide screen. The default setting for this field is **Disable** which means that no login password is needed for mobile devices to connect to the Host. To set a custom login password for mobile devices, select **Custom** and then enter the password you want in the field to the right of the **Login Code** field. To set an automatically generated login password select **Random**.

Firewall	Reject 💌
Host Output Resolution	1920x1080p-60
Screen Scale	Adjustment
4 Way Split	© Enable ® Disable
Stream Encryption (only for TX to RX)	3 Level 🔻
Login Code (only for APP)	Disable 🔻
HDCP Auto	Custom Random

Firewall	Reject 🔻
Host Output Resolution	1920x1080p-60 V
Screen Scale	Adjustment
4 Way Split	© Enable ® Disable
Stream Encryption (only for TX to RX)	3 Level
Login Code (only for APP)	Custom
HDCP Auto	⊛On ©Off

HDCP Auto is a security setting that allows you configure whether or not HDCP digital copy protection is automatically enabled for the content output by the Host. The default setting for this field is **On**, which means that HDCP copy protection will be automatically enabled by Host for content that features HDCP copy protection and disabled for content that does not feature HDCP copy protection. To change the setting so that HDCP copy protection is always enabled by Host select **Off**.

Firewall	Reject 💌
Host Output Resolution	1920x1080p-60
Screen Scale	Adjustment
4 Way Split	◎ Enable ® Disable
Stream Encryption (only for TX to RX)	3 Level
Login Code (only for APP)	Disable 🔻
HDCP Auto	⊛On ⊙Off

After you configure all the Advance Setting items, press Apply to proceed.

Firewall	Reject 🔻
Host Output Resolution	1920x1080p-60 🔻
Screen Scale	Adjustment
4 Way Split	© Enable ® Disable
Stream Encryption (only for TX to RX)	3 Level 🔻
Login Code (only for APP)	Disable 🔻
HDCP Auto	⊛On ©Off

If you want to restart the Host, click **Restart** and the Host will restart.

C	Restart		
		Restart	

If you want to place the Host in sleep mode, click **Sleep**.



To wake the Host from sleep mode, press the standby button on the top of the Host.

Scheduling

You can change the schedule by clicking Scheduling. You can set **System Time** and **Periodical Restart**.

	English	۲	Logout
Benq	System Time		
Information	Time Zone 🛛 Greenwich Mean Time: London (GN 🔻		
	NTP Server time windows.com		
WAN			
Wireless Network	Perindical Restart		
Pairing			
Advance Setting	Current Time Network-provided time is not available, and the Periodic Restart function will be disabled.		
	Enable © Enable O Disable		
Scheduling	Restart At 0 : 0 (24-Hour Format)		
Tool	Week 🖉 Sun 🖉 Mon 🖉 Tue. 🖉 Wed 🖉 Thu 🖉 Fri 🖉 Sat.		
Legal Announcement	Apply Cancel		

You can select your **Time Zone** and the **NTP Server** from which the time is obtained.

0	System Time			
	Time Zone	Greenwich Mean Time: London (GN 🔻		
	NTP Server	time.windows.com	I	
	· · · · · · · · · · · · · · · · · · ·			

You can check **Enable** to set **Periodical Restart**. You can also set restart time and day.

Current Time	Network-provided time is not available, and the Periodic Restart function will be disabled.
Enable	Enable Disable Disable
Restart At	0 : 0 24-Hour Format)
Week	🗷 Sun. 🖉 Mon. 🖉 Tue. 🖉 Wed. 🖉 Thu. 🖉 Fri. 🖉 Sat.

After you configure all the Scheduling settings, press Apply to proceed.

	English	 Logout
Benq	System Time	
Information	Time Zone Greenwich Mean Time: London (GN 🔻	
	NTP Server time windows.com 🔻	
WAN		
Wireless Network	Parindical Partant	
Pairing		
Advance Setting	Current Time Network-provided time is not available, and the Periodic Restart function will be disabled.	
	Enable	
Scheduling	Restart At 0 : 0 (24-Hour Format)	
Tool	Week 🖉 Sun 🖉 Mon 🖉 Tue. 🖉 Wed 🖉 Thu 🖉 Fri 🖉 Sat	
Legal Announcement	Apply Cancel	

Tool

By clicking **Tool**, you can adjust **Password Setup**, **Firmware Upgrade**, **Configuration Management**, **Wi-Fi Traffic Test**, and **Log Setting**.

		English 🔻	Logout
Benq			
Information	Please input the old password		
WAN			
Wireless Network	Please input the new password		
Pairing		1	
Advance Setting	Please input the password again		
Scheduling	Reset		
Tool			
Password Setup			
Firmware Upgrade			
Configuration Management			
Wi-Fi Traffic Test			
Log Setting			
Legal Announcement			

Password Setup

You can change **Password** by:

- I. Entering your old password.
- 2. Entering your new password.
- 3. Entering your new password again to confirm your new password.
- 4. Pressing **Reset** to proceed.

Please input the old password		- 1
Please input the new password		- 2
Please input the password again		- 3
I		
Reset	_	-4

Firmware Upgrade

The **Firmware Upgrade** sub-menu allows you to check for and execute firmware upgrades for both the Host and Button.

	English 🔻	Logout
Benq	• Host Firmware Upgrade	
Information	OTA New Firmware Check Periodical Check	
WAN	Firmware Version WDC20(R)_0.60.01	
Wireless Network	New Firmware Version Firmware Upgrade	
Pairing	Firmware File Firmware Upgrade	
Advance Setting		
Scheduling	S Button Firmware Upgrade	
Tool	Button firmware version in Host WDC20(T)_0.60.00	
Password Setup Firmware Upgrade	Firmware File © from z local file Select File © from RX	
Configuration Management Wi-Fi Traffic Test	Upgrade selected InstaShow button BO:F1:EC:7A:BC:50 WDC20(T)_0.60.00 Finnware Upgrade	
Log Setting	Warning	
Legal Announcement	Don't power off or press the reset button during the process of firmware upgrading. Don't close the window during the process of firmware upgrading.	

• Checking for Upgrades (for Host)

Before checking for a new firmware upgrade for your Host, ensure that the Host is connected via the WAN port to a router with access to the Internet, then click the **New Firmware Check** button to check for a firmware upgrade. To have the Host periodically check for firmware upgrades check the **Periodical Check** box.

Host Firmware Upgrade	
OTA	New Firmware Check Periodical Check
Firmware Version	WDC20(R)_0.60.01
New Firmware Version	Firmware Upgrade
Firmware File	Select File Firmware Upgrade



Periodic checks for upgrades can only occur when the Host is connected via the WAN port to a router with access to the Internet.

If a new firmware upgrade is available the new firmware version will be listed in the **New Firmware Version** field.

Host Firmware Upgrade	
OTA	New Firmware Check
Firmware Version	WDC20(R)_0.60.01
New Firmware Version	WDC20(R)_1.20.00 Firmware Upgrade
Firmware File	Select File Firmware Upgrade

• Upgrading the Host's Firmware

After checking for and confirming the availability of a new firmware upgrade you will be able to upgrade your Host's Firmware. The product allows you to upgrade the Host's firmware using either an OTA (Over The Air) upgrade or a direct upgrade from an upgrade file located on your local computer.

To perform an OTA upgrade of the Host's firmware, click the **Firmware Upgrade** button in the **New Firmware Version** field.

Host Firmware Upgrade	
OTA	New Firmware Check
Firmware Version	WDC20(R)_0.60.01
New Firmware Version	WDC20(R)_1.20.00 Firmware Upgrade
Firmware File	Select File Firmware Upgrade

To perform an OTA ensure that the Host is connected via the WAN port to a router with access to the Internet.

When performing any type of upgrade DO NOT do any of the following:

- Power off or press the reset button on the Host or Button.
- Close the browser window of the web management interface.

Failure to follow these warnings will result in firmware upgrade failure and subsequent product failure.

To perform a direct upgrade from an upgrade file located on your local computer follow the steps below:

Before executing a direct firmware upgrade, please contact your BenQ regional office for access to the upgrade files.

1. Click the Select File button in the Firmware File field.

Host Firmware Upgrade	
OTA	New Firmware Check Periodical Check
Firmware Version	WDC20(R)_0.60.01
New Firmware Version	Firmware Upgrade
Firmware File	Select File Firmware Upgrade

2. Navigate to and select the firmware upgrade file.

3. Click the Firmware Upgrade button in the Firmware File field.

0	Host Firmware Upgrade		
	OTA	New Firmware Check	
	Firmware Version	WDC20(R)_0.60.01	
	New Firmware Version	Firmware Upgrade	
	Firmware File	WDC20(R)_1.20.00 Select File Firmware Upgrade	

When performing any type of upgrade DO NOT do any of the following:

- Power off or press the reset button on the Host or Button.
- Close the browser window of the web management interface.

Failure to follow these warnings will result in firmware upgrade failure and subsequent product failure.

• Upgrading the Button's Firmware

You can upgrade the Button's firmware using an upgrade file located on your local computer or directly from your Host via the connection between the Button and Host.

To upgrade the Button's firmware using an upgrade file located on your local computer follow the steps below:

I. Select from a local file in the Firmware File field and then click the Select File button.

Button Firmware Upgrade	
Button firmware version in Host	WDC20(T)_0.60.00
Firmware File	from a local file Select File from RX
Upgrade selected InstaShow S button	© B0:F1:EC:7A:BC:50 WDC20(T)_0.60.00 Firmware Upgrade
	Warning Don't power off or press the reset button during the process of firmware upgrading. Don't close the window during the process of firmware upgrading.

2. Navigate to and select the firmware upgrade file.

3. Select the Button you want to upgrade and then click the **Firmware Upgrade** button in the **Upgrade selected InstaShow S button** field.

Button firmware version in Host	WDC20(T)_0.60.00
Firmware File	<pre> WDC20(T)_1.50.00 Select File from RX </pre>
Upgrade selected InstaShow S button	B0:F1:EC:7A:BC:50 WDC20(T)_0.60.00 Firmware Upgrade
	Warning

When performing any type of upgrade DO NOT do any of the following:

• Power off or press the reset button on the Host or Button.

• Close the browser window of the web management interface.

Failure to follow these warnings will result in firmware upgrade failure and subsequent product failure.

To upgrade the Button's firmware directly from your Host follow the steps below:

1. Select from RX in the Firmware File field.

Button Firmware Upgrade	
Button firmware version in Host	WDC20(T)_0.60.00
Firmware File	from a local file Select File from RX
Upgrade selected InstaShow S button	B0:F1:EC:7A:BC:50 WDC20(T)_0.60.00 Firmware Upgrade
	Warning
	Don't power off or press the reset button during the process of firmware upgrading.
	Don't close the window during the process of firmware upgrading.

2. Select the Button you want to upgrade and then click the **Firmware Upgrade** button in the **Upgrade selected InstaShow S button** field.

0	Button Firmware Upgrade	
	Button firmware version in Host	WDC20(T)_0.60.00
	Firmware File	 from a local file § from RX
	Upgrade selected InstaShow S button	B0:F1:EC:7A:BC:50 WDC20(T)_0.60.00 Firmware Upgrade
		Warning Don't power off or press the reset button during the process of firmware upgrading. Don't close the window during the process of firmware upgrading.

- When performing any type of upgrade DO NOT do any of the following:
- Power off or press the reset button on the Host or Button.
- Close the browser window of the web management interface.

Failure to follow these warnings will result in firmware upgrade failure and subsequent product failure.

Configuration Management

Configuration backup files feature the configuration settings for your Host except for the host name, SSID and wireless password settings, and pairing status. In **Configuration Management**, you can choose **Import Configuration File**, **Export Partial Configuration File**, **Export Complete Configuration File**, and **Factory Default**.

	English V Logout
BenQ	Import Configuration File
Information	Import file
WAN	
Wireless Network	• Export Partial Configuration File
Pairing	Export
Advance Setting	
Scheduling	• Export Complete Configuration File
Tool	Export
Password Setup	
Firmware Upgrade	
Configuration Management	Factory Default
Wi-Fi Traffic Test	Return to Factory Default Setting
Log Setting	
Legal Announcement	

You can import configurations files by:

I. Clicking Import File to choose the file to import.

0	Import Configuration File
	Import file

2. Navigating to and selecting the configuration file you want to import from your local computer. You can export a partial configuration backup in the **Export Partial Configuration File** sub-menu by:

I. Clicking Export.



- 2. Navigating to the folder you want to save the backup file to in your local computer and then choosing **Save**.
- 3. The following set values will not be exported:

a.	Information: Host Name
b.	Wireless Network: SSID setting and password setting
c.	Pairing: Pairing Status

You can export a full configuration backup in the **Export Complete Configuration File** sub-menu by:

I. Clicking Export.

0	Export Complete Configuration File
	Export

2. Navigating to the folder you want to save the backup file to in your local computer and then choosing **Save**.

0

The exported configuration file can only be imported by the same Host that exported the file. The configuration file cannot be imported by any other Hosts.

You can have the Host restore to **Factory Default** by clicking **Return to Factory Default Setting**.

0	Factory Default
	Return to Factory Default Setting

When the process is confirmed the Host will begin restoring to **Factory Default** and the LED will quick flash red (flash red twice every second) then restart. After the Host restarts the entire process is complete.

Wi-Fi Traffic Test

The **Wi-Fi Traffic Test** sub-menu allow you to test the speed of the connection between your Host and the Button.

	English 🔻 Logout	
Benq	Option Channel Auto	
Information		
WAN		
Wireless Network		
Pairing		
Advance Setting		
Scheduling		
Tool		
Password Setup	Test	
Firmware Upgrade		
Configuration Management	Disclaimer	
Wi-Fi Traffic Test	 This disclaimer applied only to the specific test carried out, results may vary depending on the test environment, the test result is for reference only. Test results cannot be used as a basis for determining the product shipping quality assurance. 	
Log Setting		
Legal Announcement		

To test the speed of the connection follow the steps below:

I. Select the channel you want to test the speed of in the **Option Channel** field.

Option Channel	Auto	•	Settings
	Auto		
	- 36		
	40		
	44		
	48		
	52		
	20		
	64		
	100		
	104		
	108		
	112		
	116		
	120		
	124		
	128		
	132		
	136	_	
	149	· · ·	
Disclaimer			Test
Piscianilei			
This disclaime	r applied only to the s	necific test carrie	d out, results may vary depending on the test environment, the test result is for reference only
7 Test results car	mot he used as a hasi	for determining	ha modust sharing outlity assurance.

2. Click the **Settings** button to set the channel test.

		Test	
Disclaimer			

3. Click the **Test** button. The results of the test will be shown in the main window.

	Test	
Disclaimer		
Dischainer		
1. This disclaimer applied only to the specific test	t carried out, results may vary depending on the test environment, the test result is for refere	ence only
2. Test results cannot be used as a basis for deter	mining the product shipping quality assurance.	
2. Test results cannot be used as a basis for detern	mining the product shipping quality assurance.	
Test results cannot be used as a basis for detern	mining the product shipping quality assurance.	
2. Test results cannot be used as a basis for deten Option Channel 40	Settings	
2. Test results cannot be used as a basis for detern Option Channel 40	Settings	
2. Test results cannot be used as a basis for detern Option Channel 40 (3) 20.0-21.0 sec 10.5 MBytes 88.1 Mbits/sec [3] 20.0-22.0 sec 10.2 MBytes 88.0 Mbits/sec [3] 20.0-22.0 sec 10.2 MBytes 80.0 Mbits/sec [3] 20.0-20.0 sec 10.2 MBytes 80.0 Mbits/sec [3] 30.0 mbits/	settings	
2. Test results cannot be used as a basis for deten Option Channel 40 [3] 20.0-21.0 sec 10.5 MBytes 88.1 Mbits/sec [3] 21.0-22.0 sec 10.2 MBytes 88.1 Mbits/sec [3] 22.0-23.0 sec 0.88 MBytes 82.8 Mbits/sec [3] 22.0-23.0 sec 0.88 MBytes 82.8 Mbits/sec	settings	
2. Test results cannot be used as a basis for deten Option Channel 40 13] 20.0-21.0 sec 10.5 MBytes 88.1 Mbits/sec [3] 21.0-22.0 sec 10.2 MBytes 86.0 Mbits/sec [3] 22.0-23.0 sec 9.88 MBytes 82.8 Mbits/sec [3] 23.0-24.0 sec 5.75 MBytes 48.2 Mbits/sec [3] 24.0-25.0 sec 6.62 MBytes 55.6 Mbits/sec	Settings	
2. Test results cannot be used as a basis for deten 2. Test results cannot be used as a basis for deten Option Channel 40 [3] 20.0-21.0 sec 10.5 MBytes 88.1 Mbits/sec [3] 21.0-22.0 sec 10.2 MBytes 80.0 Mbits/sec [3] 23.0-23.0 sec 9.88 MBytes 82.8 Mbits/sec [3] 23.0-24.0 sec 6.62 MBytes 55.6 Mbits/sec [3] 24.0-25.0 sec 6.62 MBytes 55.6 Mbits/sec [3] 25.0-26.0 sec 8.12 MBytes 68.2 Mbits/sec [3] 25.0-27.0 sec 9.25 MBytes 77.6 Mbits/sec	Settings	
2. Test results cannot be used as a basis for detern Option Channel 40 [3] 20.0-21.0 sec 10.5 MBytes 80.0 Mbits/sec [3] 21.0-22.0 sec 10.2 MBytes 80.0 Mbits/sec [3] 21.0-22.0 sec 10.2 MBytes 80.0 Mbits/sec [3] 22.0-23.0 sec 5.75 MBytes 82.8 Mbits/sec [3] 23.0-24.0 sec 5.75 MBytes 85.0 Mbits/sec [3] 23.0-26.0 sec 6.62 MBytes 55.6 Mbits/sec [3] 25.0-26.0 sec 6.12 MBytes 75.6 Mbits/sec [3] 25.0-26.0 sec 9.38 MBytes 77.6 Mbits/sec [3] 27.0-28.0 sec 9.38 MBytes 78.6 Mbits/sec [3] 27.0-20.0 sec 10.4 MBytes 78.0 Mbits/sec	settings Settings	
2. Test results cannot be used as a basis for deten Option Channel 40 (3) 20.0-21.0 sec 10.5 MBytes 88.1 Mbits/sec (3) 22.0-23.0 sec 9.88 MBytes 88.1 Mbits/sec (3) 22.0-23.0 sec 9.88 MBytes 82.8 Mbits/sec (3) 23.0-24.0 sec 5.75 MBytes 48.2 Mbits/sec (3) 24.0-25.0 sec 6.62 MBytes 55.6 Mbits/sec (3) 25.0-26.0 sec 8.12 MBytes 75.6 Mbits/sec (3) 25.0-26.0 sec 9.25 MBytes 77.6 Mbits/sec (3) 26.0-27.0 sec 0.25 MBytes 77.6 Mbits/sec (3) 28.0-29.0 sec 10.4 MBytes 87.0 Mbits/sec (3) 29.0-30.0 sec 10.5 MBytes 88.1 Mbits/sec (3) 29.0-30.0 sec 10.5 MBytes 88.1 Mbits/sec	Settings	
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2. Test results cannot be used as a basis for deten Option Channel 40 [3] 20.0-21.0 sec 10.5 MBytes 88.1 Mbits/sec [3] 21.0-22.0 sec 10.2 MBytes 86.0 Mbits/sec [3] 22.0-23.0 sec 9.88 MBytes 82.8 Mbits/sec [3] 22.0-23.0 sec 9.88 MBytes 82.8 Mbits/sec [3] 23.0-24.0 sec 5.75 MBytes 748.2 Mbits/sec [3] 25.0-26.0 sec 6.62 MBytes 55.6 Mbits/sec [3] 25.0-26.0 sec 8.12 MBytes 68.2 Mbits/sec [3] 26.0-27.0 sec 9.25 MBytes 77.6 Mbits/sec [3] 27.0-28.0 sec 9.38 MBytes 78.6 Mbits/sec [3] 29.0-30.0 sec 10.5 MBytes 78.5 Mbits/sec [3] 29.0-30.0 sec 10.5 MBytes 73.5 Mbits/sec [3] 29.0-30.0 sec 10.5 MBytes 73.5 Mbits/sec [3] 20.0-30.0 sec 10.5 MBytes 73.5 Mbits/sec [3] 20.0-30.0 sec 10.5 MBytes 73.5 Mbits/sec [3] 20.0-30.0 sec 10.5 MBytes 73.5 Mbits/sec [3] 0.0-30.0 sec 10.5 MBytes 73.5 Mbits/sec [3] 0.0-30.0 sec 10.5 MBytes 73.5 Mbits/sec Test over Disconnecting Button	Settings	
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Log Setting

Logs are records of all system activity for your Host, which may be used by support technicians to track errors or locate bugs. In the **Log Setting** menu, download the system log to your local computer by clicking **Download To PC**, clear the system log by clicking **Clear Log**, and view the system log in the **System Log View** window.

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Benq	Download to PC	
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Legal Announcement

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Troubleshooting

Category	Problem	Cause	Solution
	Your screen is not appearing on the display when pressing the Button.	The system is locked.	Web Management > Advanced Setting> Screen Lock > Disable
		The Button is connecting to another Host.	The Button should be paired again with the Host.
		Pressing time is not enough.	Press the Present key until the LED indicator turns from green to blue.
	The screen turns blank or flickers when the Host is presenting.	Insufficient power supply	Make sure the product's power is properly supplied or connected.
Your screen	r screen The screen lags seriously and the audio breaks up sometimes.	Insufficient power supply for the Button. An laptop with USB 2.0 port may be used as the power supply for the Button.	 Make sure you use USB 3.0 as the power supply for the Button. If the USB 2.0 port is the only option for the power supply for the Button, try to reduce the power consumption of the Button by changing Picture Quality Mode to Low Power in the web management.
		Wi-Fi interference or signal attenuation	 Make sure the transmission distance is within 15M and with no obstacles. Restart the Host in order to rescan the Wi-Fi 5G channel. Log in Web Management > Wireless Network > Wi-Fi Radio Setup > toggle the Rescan button.

Category	Problem	Cause	Solution
	The message, "No Signal", from the Host is shown on the display when the Button is presenting, or your screen is blank gray.	The HDMI connection between your laptop and the Button is loose.	Reconnect the HDMI cable of the Button.
		Your laptop cannot detect the second monitor.	 Reconnect the USB cable of the Button. Reboot your laptop.
Your screen		The audio signal on your laptop is muted.	Right click on the speaker icon and switch off the mute.
	shown, but your audio is not playing on the audio system of the meeting room.	The audio output of the laptop hasn't been set to the second screen (BenQ InstaShow™ S) from the EDID of the Button.	Change the default audio output to the second screen (BenQ InstaShow™ S) on the laptop.
	Your content is removed from the display and the LED indicator of your Button is blinking red. The LED indicator of the Button is blinking red when the power is on.	The wireless connection is lost between the Button and Host.	 The Host will restore the Wi-Fi connection automatically. If this fails, the LED indicator of your Button starts blinking red. Unplug the Button from your laptop and try again.
The Button		Wi-Fi interference or signal attenuation	Make sure the transmission distance is within 15M and with no obstacles.
		The Host has not been turned on.	Make sure the Host is turned on.
		The Host has not paired with a Button.	The Host should pair with the Button again.
		Wi-Fi interference or signal attenuation	Make sure the transmission distance is within 15M and with no obstacles.
	The LED indicator of the Button is always off.	There is no power supply.	Check the USB port of your laptop. If the port fails to function, try other USB ports.

Category	Problem	Cause	Solution
	The Button automatically restarts sometimes.	Insufficient power supply.	 Make sure you use USB 3.0 as the power supply for the Button. If the USB 2.0 port is the only option for the power supply for the Button, try to reduce the power consumption of the Button by changing Picture Quality Mode to Low Power in Web Management.
The Button	The LED indicator on the Button remains static red even after it has been powered on for 30 seconds. The pairing function cannot be executed via the MODE key while the Button is powered on and the LED starts flashing red	The Button has not been properly powered off during the resetting process	Reset the Button.
	red.	The display is switched off.	Switch on the display.
		The wrong input is selected.	Select the correct input.
		The display cable is not connected properly.	Insert the HDMI cable between the Host and the display device again.
The Host	Nothing is shown on the display at all.	The display fails to show the Host's output resolution at 1080p in "Guide Screen" or "Idle Screen".	Replace the display with a new one that supports output resolution at 1080p.
		The Host is in Network Standby Mode when network standby function is enabled.	Press the Present key of the Button to start presentation.

Category	Problem	Cause	Solution
	Nothing is shown on the display at all.	The Host is in HDMI Standby Mode when HDMI standby function is enabled.	Briefly press the standby button on the Host or power on the display (connected to the Host with an HDMI cable). The Host will wake up automatically.
The Host		The Host is powered off.	Briefly press the standby button on the Host.
		Insufficient power supply	Change power supply of Host to a power adapter.
	The LED indicator on the Host remains static red even after it has been powered on for 30 seconds.	The Host has not been properly powered off during the resetting process	Reset the Host.
EDID	After connecting the Button to your laptop, the second	The HDMI connection between your laptop and the Button is loose.	Reconnect the HDMI cable of the Button.
	screen (InstaShow™ S)	Laptop problem	Reboot your laptop.
	cannot be detected.	The Button is shutdown.	Reconnect the USB cable of the Button.
	The message, "Pairing failed", from the Host is shown on the display when the Host is pairing with the Button.	 Error: 004 The Host has reached the maximum number 	Log into the web management, then select Pairing Status > Delete
Pairing		of pairing. Wi-Fi interference or signal attenuation	Make sure the transmission distance is within 15M and with no obstacles.
		The Button has not entered the pairing mode in time.	When the Host enters pairing mode, the Button should also enter pairing mode within two minutes.
Windows Software	When presenting a video file via Gom Media Player, the full-screen image is cut into upper and lower halves.	Media player	Use other media players to play video files, such as Windows Media Player.

Category	Problem	Cause	Solution
Web management	Cannot Log in	Forget the account and password.	 Reset the Host. The default log in account: admin The default log in password: 0000.
	Laptop cannot connect the SSID with the correct password by Wi-Fi.	Laptop Wi-Fi module cannot support 802.11 AC.	Laptop can connect to the Host with an Ethernet cable instead of Wi-Fi connection.