InstaShow™ Plug & Play Wireless Presentation Solution

For professional and seamless meetings

BenQ

Because it matters

Presentation

InstaShow provides customized modes for versa-tile presentations that boost meeting efficiency. Hold uninterrupted meetings with the cable-free InstaShow to facilitate multi-topic sessions with greater interaction among clients or coworkers.

Video Play

Dedicated router chipset provides processing power to support better bandwidth utilization for fast and smooth streaming.

What We Offer ?

BenQ

Collaboration

InstaShow makes it possible for its users to use one display to share / present multiple ideas at the same time. It's especially suitable for brainstorm-ing and group discussions.

Security

Up to WPA3 with AES 128-bit encryption mode and its standalone network work hand in hand to arrive at the elevated level of security

Who Needs InstaShow?

For Presentation

Organizations and professionals looking to improve their meeting efficiency

• What you need ?
Easy and quick to successful presentation with InstaShow. Say goodbye to messy cables, video stutter/lag or poor wireless presentation systems.

• Why us ?
Kick off your presentation with just one click and present smoothly with slides and video clips. Let InstaShow be your best comrade to win the day.

For Training & Seminars

Schools and businesses who rely on training and collaboration

• What you need ?
Efficiency counts for companies and faculties under transformation as they need to react to market/world changes with agility. InstaShow with simplicity in mind that you can start the meeting in no time.

• Why us ?
InstaShow is a "plug-n-play" device which allows for brainstorming, internal training, and group discussions to take place in an instant. What's more, it safeguards your insights with security designs.

For Security

Organizations who want to share sensitive content securely

• What you need ?
No compromise to security and efficiency. Say no to info-security threats. You don't need to make do with wired presentation system or wireless one which requires a lot of IT support and maintenance.

• Why us ?
Leave security risks in the past. As a hardware-based design with up to WPA3 authentication protocol, AES 128-bit encryption and CVSS compliance, InstaShow ensures to transmit data in a quick, smooth and secure way.

You Should Know

InstaShow offers trustworthy security protection with AES 128-bit security encryption and up to WPA3 Enterprise authentication protocol. Also, InstaShow implements CVSS standards, tested by ISO 27001 & ISO 17025 Security Labs to ensure that any detected vulnerabilities have been blocked. InstaShow is thus a high-specification wireless presentation system to ensure care-free data transmission and to protect your innovations.

How InstaShow Improves Your Meeting ?

Intuitive

InstaShow's Industry-leading design makes it installation-free, requiring no complicated setup and ensuring plug-n-play.

One-Button Start

• **One Button to Start**
With no driver needed, InstaShow ensures that its users can start the meeting by plug-n-play. Click the button and project an image in no time. The considerate LED design is there for you to check the connection status.

Support Multiple Devices

• **Convenient Multi-platform Compatibility**
InstaShow complies up to HDMI 2.0 and HDCP 2.3 certification standards. Users can freely present on any device with a standard HDMI input and utilize content from a wide range of devices such as laptops and Blu-ray/DVD players. InstaShow's exclusive extended desktop mode enables presenters to view content on both Windows and OS X platforms.

Presentation Application

• **Switch the Presenter in One Click**
Streamline the meeting by clicking the Button to change the presenter without fiddling with the cables.

• **Conduct Sync Discussions**
Up to 4 presenters can share their presentations on one screen. Sync discussions are made possible to reach a consensus and come up with great solutions.
*WDC20 allows presentations for four presenters to share content on one screen, and WDC30 even for 8 presenters to share content (up to two screens supported by two HDMI outputs).

• **Touch Back to Manage the Meeting**
Touch the screen and you can manage your presentation without being stuck in front of your laptop.
* For WDC20 and WDC30.

Steady

Share your ideas in high resolution slides and 4K videos smoothly so you can present with a smooth train of thought. InstaShow provides the forward-looking way for you to present your concepts and tell good stories with steady performance.

Futureproof

• **Up to Wi-Fi 6 (802.11ax) Standard**
Its high throughput ensures smooth wireless 4K* video streaming without stuttering.
*The Wi-Fi standard of WDC30 transmits various content (audio, video, 4K images, etc.) in a more efficient way.

Smooth and Clear Images

• **Clearest Signals Only**
InstaShow WDC30 employs CCA (Clear Channel Assessment) mechanism to detect and select the best channel for smooth Wi-Fi performance.

• **Stable Transmission Up to 30 Meters**
InstaShow supports stable wireless transmission up to 30 meters. Attendees can participate in a smooth meeting be it in a small meeting space or bigger conference room.

⏱ Easy-to-Maintain

InstaShow is ready to use right out of the box with hassle-free maintenance.

Centralized Control

• **Efficient Centralized Control**
IT administrators can manage InstaShow remotely via LAN to control pairings, adjust settings, and update the fi rmware conveniently with BenQ's OTA (over the air) technology.

Customization

• **Custom Standby Wallpaper to Strengthen Corporate Image**
With the MyScreen function, businesses can strengthen corporate branding and establish the profess-ional image by using their own custom standby wallpaper *.
* Wi-Fi and password information for accessing InstaShow will still remain on screen.
* For WDC20 and WDC30 only.

🔒 Secure

As the device which offers the highest level hacker-free security to counter data breaches, InstaShow is the only wireless presentation system which offers the enterprise-level securities, and compliant with financial industry procurement standards and regulations.

Data Security

• **High Security Standard**
AES 128-bit security encryption and the WPA2/WPA3 authentication protocol ensure that any intellectual properties remain private and safe from tampering or unintended disclosure, guaranteeing that presentations are absolutely secure.
* WDC30 is protected with the highest WPA3 authentication, and WDC10/ WDC10C/ WDC20/ WDC20C are protected with WPA2 authentication.

• **HDCP Adoption**
Using HDMI to deliver HDCP-secured content, InstaShow protects against unwanted interception or copying of transmitted digital content. Presenters can thus connect their devices to the HDCP-compatible InstaShow system, free from security concerns.

• **Router-Level Chipset Inside**
Qualcomm Technologies provide ideal Wi-Fi coverage, creating high-speed zones to handle multi-band and fast media traffic with the internal connection channels isola-tion.

Upgrade Transmission Security for WDC30

• **Wi-Fi 6 Networking Standard**
The latest Wi-Fi 6 technology enables higher data transfer rates than previous Wi-Fi standards, allowing InstaShow WDC30 to transmit various content (audio, video, 4K images, etc.) more efficiently. Wi-Fi 6 also supports bidirectional transmission to upload and download data simultaneously. Visuals displayed on the split screen will be smoother and clearer.

• **Low Latency Performance**
The WDC30 offers outputs up to 4K@60fps* resolution, making it especially suitable for playing high resolution slides and videos smoothly.
*Input resolution up to 1920x1080; output resolution via HDMI 1.4 up to 1920x1080@60fps; HDMI 2.0 up to 4096x2160@60fps.

• **Common Criteria, EAL6 augmented (EAL6+)**
Thoroughly tested via the Common Criteria guidelines and specifications, Especially InstaShow WDC30 passes the EAL6+ standard (higher above the industry standard EAL>4,) guaranteeing the principal security of its features are reliably applied. WDC30 offers protections way above the security standards required for the finan-cial industry.

Why Common Criteria EAL6+ Certification is Critical?

The data breaches the majority of companies suffered from in the past years came from unsecured wireless devices like printers, scanners, mobile phones or laptops connected to their Wi-Fi network since cyber-attacks aim at these devices as the weakest points to get 'way in' to a business network.

In order to counter network infiltration, companies should make sure that the wireless devices they use pass at least vulnerability tests for WPA2 or WPA3. What's more, it's highly suggested to employ Common Criteria for Information Technology Security Evalua-tion (CC) to provide extra protection to these wireless devices.

CC refers to the Evaluation Assurance Level (EAL), which has seven levels graded from EAL1 to EAL7. Financial services generally use EAL6 augmented (or EAL6+) security compliance in their payment systems to justify the additional costs spent when handling high value protected assets that are transmitted in high risk situations.

Feature	WDC10	WDC10C	WDC20	WDC20C	WDC30
Video outputs	HDMI 1.4, comply with HDCP	HDMI 1.4, comply with HDCP	HDMI 1.4, comply with HDCP	HDMI 1.4, comply with HDCP	HDMI 1.4, comply with HDCP HDMI 2.0, comply with HDCP
Output Resolution	Up to 1080p@60fps	Up to 1080p@60fps	Up to 4K@30fps	Up to 4K@30fps	Up to 4K@60fps
WiFi Standard	WIFI 5	WIFI 5	WIFI 5	WIFI 5	WIFI 6
Data rate wireless	Up to 867 Mbps	Up to 867 Mbps	Up to 867 Mbps	Up to 867 Mbps	Up to 1201Mbps
Authentication protocol	WPA2-PSK (Pre-Shared key)	WPA2-PSK (Pre-Shared key)	WPA2-PSK (Pre-Shared key)	WPA2-PSK (Pre-Shared key)	WPA3-(Pre-Shared key)
Security (encryption)	AES 128 bit	AES 128 bit	AES 128 bit	AES 128 bit	AES128bit
Reach	Up to 8m**	Up to 8m**	Up to 15m**	Up to 15m**	Up to 30m**
Support platform	Windows, Linux, Mac, Chrome.	Windows, Linux, Mac, Chrome.	Windows, Linux, Mac, Chrome.	Windows, Linux, Mac, Chrome.	Windows, Linux, Mac, Chrome.
B.Y.O.D	N/A	N/A	Airplay/Chromecast/InstaShare App	Airplay/Chromecast/InstaShare App	Airplay/Chromecast/InstaShare App
Simultaneous connections	16 pcs	16 pcs	32 pcs	32 pcs	64 pcs (32 Buttons + 32 BYOD devices)
Touchback Support	N/A	N/A	Yes	Yes	Yes
Temperature range	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)	Operating: 0°C to +40°C (+32°F to +104°F) Storage: -10°C to +60°C (+14°F to +140°F)
Humidity	Storage: 5% to 90% relative humidity, non-condensing Operation: 10% to 80% relative humidity, non-condensing	Storage: 5% to 90% relative humidity, non-condensing Operation: 10% to 80% relative humidity, non-condensing	Storage: 5% to 90% relative humidity, non-condensing Operation: 10% to 80% relative humidity, non-condensing	Storage: 5% to 90% relative humidity, non-condensing Operation: 10% to 80% relative humidity, non-condensing	Storage: 5% to 90% relative humidity, non-condensing Operation: 10% to 80% relative humidity, non-condensing
InstaShow Button					
Cable	USB Type A cable x1 HDMI cable x1	USB Type-C* x1 Note: Video source w/ USB-C port should be compliant with Thunderbolt 3 or support DisplayPort Alt Mode (DisplayPort version is higher or equal to 1.2).	USB Type A cable x1 HDMI cable x1	USB Type-C* x1 Note: Video source w/ USB-C port should be compliant with Thunderbolt 3 or support DisplayPort Alt Mode (DisplayPort version is higher or equal to 1.2).	USB Type A cable x1 HDMI cable x1
InstaShow Host					
Standby Button	x1	x1	x1	x1	x1
Pairing Key	x1	x1	x1	x1	x1
Video Output	HDMI 1.4 x1	HDMI 1.4 x1	HDMI 1.4 x1	HDMI 1.4 x1	x2 (HDMI 1.4 x1, HDMI 2.0 x1)
Power Supply	DC 5V±10%, 1.5A	DC 5V±10%, 1.5A	DC 12V±10%, 2A	DC 12V±10%, 2A	DC 12V±5%, 3.33A
Power Consumption	Normal: 5W	Normal: 5W	Normal: 24W	Normal: 24W	Normal:12W
Dimension (WxHxD) (not include rubber feet)	110 x 110 x 27 mm	110 x 110 x 27 mm	154 x 140 x 34 mm	154 x 140 x 34 mm	156 x 156 x 70 mm
Weight	150 g	150g	330g	330g	821.5g
Cradle					
Dimensioin	85 x 97.5 x 170.4 mm	85 x 97.5 x 170.4 mm	100.4 x 92.6 x 152 mm	100.4 x 92.6 x 152 mm	85 x 97.5 x 170.4mm
Weight	630 g	630 g	550 g	550 g	630 g
Package					
InstaShow Button	x2	x2	x2	x2	x2
InstaShow Host	x1	x1	x1	x1	x1
Cradle	x1	x1	x1	x1	x1
USB Power Cable	1.5m USB 3.0 Type A(M) to micro-B(M) cable x1	1.5m USB 3.0 Type A(M) to micro-B(M) cable x1	N/A	N/A	N/A
HDMI Cable	x1	x1	x1	x1	x1
USB Extended Cable	0.8m USB Type A(F) to USB Type A(M) cable x1	0.8m USB Type A(F) to USB Type A(M) cable x1	0.15m USB Type A(F) to USB Type A(M) cable x1	0.15m USB Type A(F) to USB Type A(M) cable x1	N/A
Antenna	x2 (Black)	x2 (Black)	x4 (Black)	x4 (Black)	x4 (Black)
Power Adapter	x1	x1	x1	x1	x1
Quick Start Guide	x1	x1	x1	x1	x1
Safety Statement	x1	x1	x1	x1	x1
Rubber Feet	x4	x4	x4	x4	x4

*Wireless connection speed and available maximum range depends on wireless environment.