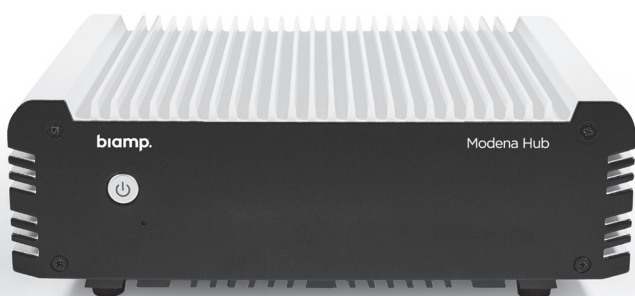




Colaboración Libre de Cables

Modena Hub™ es el único sistema que proporciona una verdadera interacción inalámbrica con el equipo AV de una sala.

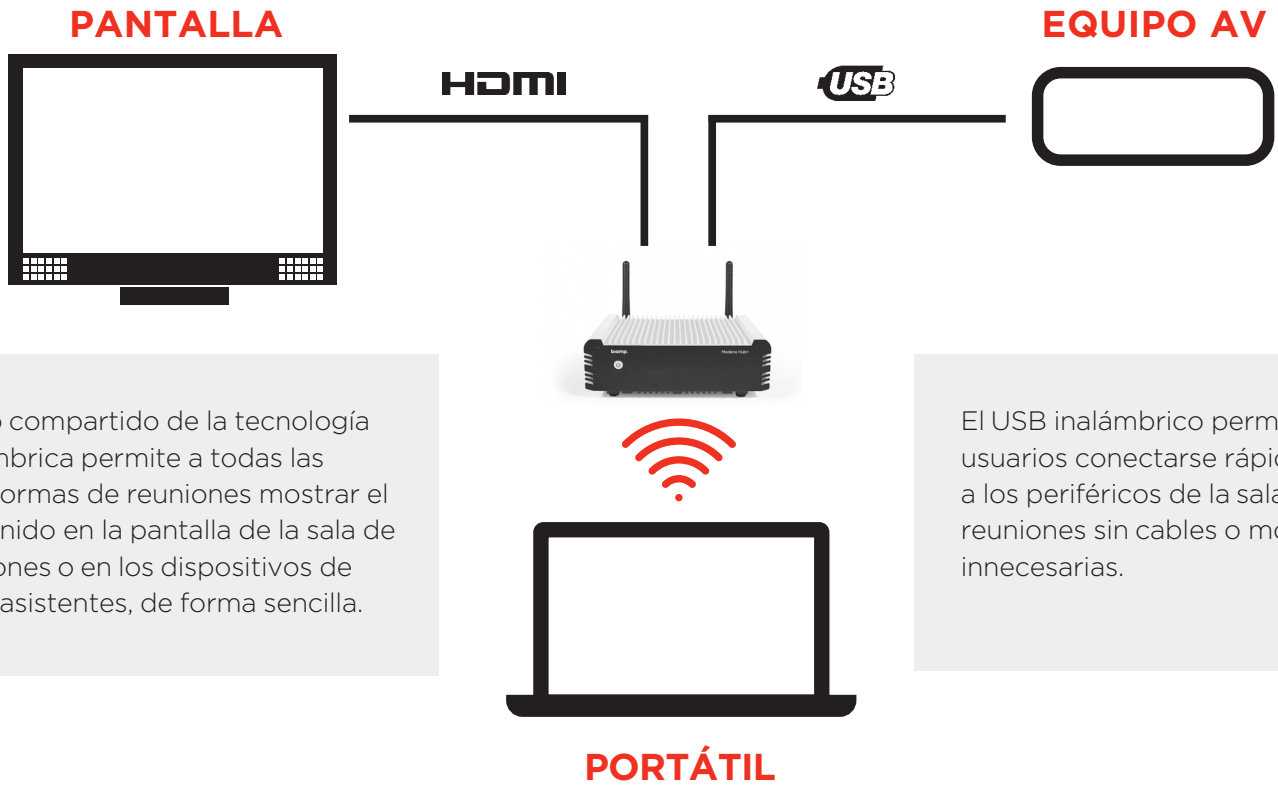


USB INALÁMBRICO

La conexión USB inalámbrica del Modena Hub conecta el software de la UC con el equipo AV de la sala, permitiendo a los asistentes participar de forma inalámbrica en conferencias a distancia.

COMPARTIR INALÁMBRICAMENTE

Con Modena Hub, cada portátil, tableta, o dispositivo móvil puede compartir sus pantallas con la pantalla de la sala y recibir contenido, lo que hace que las reuniones sean más cómodas. Al eliminar impedimentos como cables HDMI, adaptadores o dongles, Modena Hub saca lo mejor del BYOD.



Wireless is More

La tecnología de conferencias puede obstaculizar tanto como ayudar. El tiempo perdido al intentar conectar manualmente los dispositivos a la sala (sin mencionar la frustración resultante), puede hacer que cualquier reunión comience con el pie izquierdo. Modena Hub evita este problema eliminando por completo los cables, proporcionando a los participantes de ambos lados de la llamada una comunicación clara en todo momento, todo ello mientras utilizan sus propios dispositivos.



Modena Hub



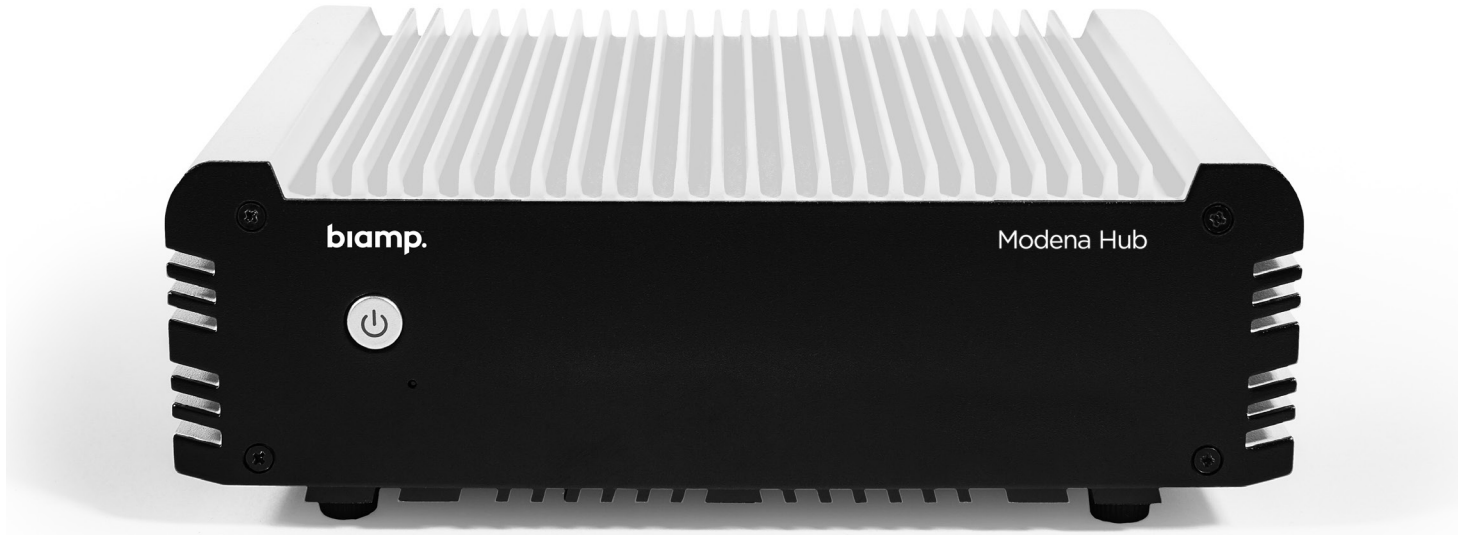
Modena Hub+

| | | |
|--------------------------------|-----|-----|
| USB inalámbrico | ● | ● |
| HDMI inalámbrico | ● | ● |
| Máximos presentadores | 6 | 6 |
| Máximo de participantes | 150 | 150 |
| WiFi AP | - | ● |

DATA SHEET

MODENA™ HUB

WIRELESS PRESENTATION HUB



Modena™ Hub is a wireless presentation hub that supports the new ways in which people are increasingly accustomed to working. Ideal for BYOD and BYOC spaces, Modena Hub allows participants to connect to meeting room AV equipment and USB accessories wirelessly, as well as enabling any participant to wirelessly receive its AV streams during a video conferencing session. Modena Hub supports most UC software and hardware devices, while enabling the user to wirelessly share content with other meeting participants. Modena Hub also connects to AV peripherals via USB and HDMI, and can support multiple USB devices via a standard USB hub or by connecting a Devio® SCR-20 or SCR-25.

FEATURES

- Enjoy a client-free experience with your web browser
- Meet everywhere: with Modena Hub, any place is a meeting room
- Enable a display to receive content by connecting a computer running the web or software client, or an Android dongle; or run the Android TV app directly on a smart TV
- All personal devices can send and receive presentations directly to the screen of participants' laptops, tablets, or mobile devices
- Configure Modena Hub for large teaching spaces and give everyone a perfect view using Auditorium mode, for up to 150 users
- IT administrators have quick access to the configuration of all units installed in an enterprise via a powerful management web interface
- Covered by Biamp Systems' two-year warranty

ARCHITECTS & ENGINEERS SPECIFICATIONS

The wireless presentation hub shall be designed to connect web-based soft codec conferencing systems with in-room audio and video devices. It shall also allow multiple session participants to directly receive content from in-room audio/video devices on their compatible computing devices via the use of custom USB drivers. The wireless presentation hub shall connect to AV peripherals via a Universal Serial Bus (USB) connection using a standard USB 3.0 A-type connector. The wireless presentation hub shall be equipped with one High-Definition Multimedia Interface (HDMI) port on the rear panel. The wireless presentation hub shall connect to an Ethernet network via an RJ-45 connector to allow participants using client devices to join a shared session. The client devices shall operate using Windows, Mac OS X, iOS or Android operating systems and shall have installed the Modena Hub custom drivers and client software. The wireless presentation hub shall be CE marked, UL listed, and compliant with the RoHS directive. Warranty shall be 2 years. The wireless presentation hub shall be the Modena™ Hub.

MODENA HUB SPECIFICATIONS

| | | |
|--|---|--|
| Wireless presentation resolution: | Up to HD 1080p@30fps | Environmental Ambient Operating Temperature Range: 32 - 104° F (0 - 40° C) Ambient Storage Temperature Range: -4 - 140° F (-20 - 60° C) Humidity: 0-95% relative humidity (non-condensing) Altitude: 0-6,600 ft (0-2000m) MSL |
| Wireless webcam feed resolution: | Up to HD 720p@30fps | |
| Wired network connection: | Ethernet RJ-45 port, 1000 Mbit/s | |
| USB port: | USB 2.0/3.0 | |
| Media port: | HDMI | |
| Power: | External power adaptor 12V DC | |
| CPU: | Intel® i5 equivalent or faster | |
| Web browser: | Chrome™, Firefox™, Edge™ | |
| Windows® (presenter/viewer): | Windows 10 .NET® Framework 4.5; Microsoft® Direct3D | |
| Mac OSX® (presenter/viewer): | Mac OSX 10.11 or higher | |
| Android®: | Android 8 or higher | Wireless Requirements: Wireless Connection: 2.4Ghz 802.11n compatible Wifi interface 5Ghz 802.11ac compatible Wifi interface (recommended) Minimum distance between device(s) and access point: ~ 3 feet (~ 1 meter) Signal Strength: RSSI on connected devices: stable above -65dBm (recommended > - 60dBm) SNR (RSSI - Noise) on connected devices: stable above 25dB (recommended > 35dB) Minimum Bandwidth: 4 Mbps average / 15 Mbps peak per connected client (upstream when presenting; downstream when receiving) Additional 4 Mbps average / 15 Mbps peak for the videoconference host when using the Wireless USB feature |
| iOS®: | iOS 11 or higher | |
| Overall Dimensions | | |
| Height: | 2 inches (51 mm) | |
| Width: | 6.3 inches (160 mm) | |
| Depth: | 5.2 inches (132 mm) | |
| Weight: | 2.4 lbs (1.1 kg) | |

MODENA HUB REAR PANEL



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DATA SHEET

MODENA™ HUB+

WIRELESS PRESENTATION HUB



Modena™ Hub+ is a wireless presentation hub that supports the new ways in which people are increasingly accustomed to working. Ideal for BYOD and BYOC spaces, Modena Hub+ allows participants to connect to meeting room AV equipment and USB accessories wirelessly, as well as enabling any participant to wirelessly receive its AV streams during a video conferencing session. Modena Hub+ supports most UC software and hardware devices, while enabling the user to wirelessly share content with other meeting participants. Modena Hub+ also connects to AV peripherals via USB and HDMI, and can support multiple USB devices via a standard USB hub or by connecting a Devio® SCR-20 or SCR-25.

FEATURES

- Enjoy a client-free experience with your web browser
- Meet everywhere: with Modena Hub+, any place is a meeting room
- Enable a display to receive content by connecting a computer running the web or software client, or an Android dongle; or run the Android TV app directly on a smart TV
- All personal devices can send and receive presentations directly to the screen of participants' laptops, tablets, or mobile devices
- Configure Modena Hub+ for large teaching spaces and give everyone a perfect view using Auditorium mode, for up to 150 users
- IT administrators have quick access to the configuration of all units installed in an enterprise via a powerful management web interface
- Dual network capability separates guests from corporate wireless users for added security
- Covered by Biamp Systems' two-year warranty

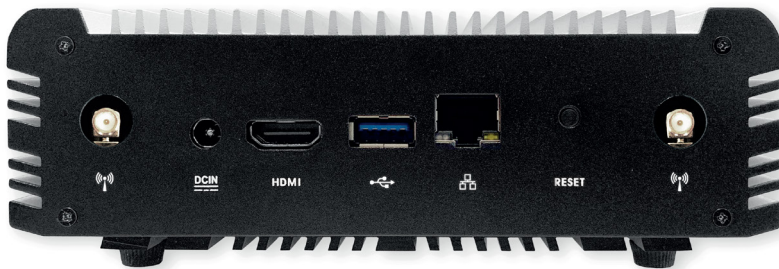
ARCHITECTS & ENGINEERS SPECIFICATIONS

The wireless presentation hub shall be designed to connect web-based soft codec conferencing systems with in-room audio and video devices. It shall also allow multiple session participants to directly receive content from in-room audio/video devices on their compatible computing devices via the use of custom USB drivers. The wireless presentation hub shall connect to AV peripherals via a Universal Serial Bus (USB) connection using a standard USB 3.0 A-type connector. The wireless presentation hub shall be equipped with one High-Definition Multimedia Interface (HDMI) port on the rear panel. The wireless presentation hub shall connect to an Ethernet network via an RJ-45 connector to allow participants using client devices to join a shared session. The client devices shall operate using Windows, Mac OS X, iOS or Android operating systems and shall have installed the Modena Hub+ custom drivers and client software. The wireless presentation hub shall be CE marked, UL listed, and compliant with the RoHS directive. Warranty shall be 2 years. The wireless presentation hub shall be the Modena™ Hub+.

MODENA HUB+ SPECIFICATIONS

| | | |
|--|---|--|
| Wireless presentation resolution: | Up to HD 1080p@30fps | Environmental |
| Wireless webcam feed resolution: | Up to HD 720p@30fps | |
| WiFi network interface: | IEEE 802.11ac/ a b g n 2.4/5 GHz antennas WPA2-PSK Authentication | Ambient Operating Temperature Range: 32 - 104° F (0 - 40° C) |
| Wired network connection: | Ethernet RJ-45 port, 1000 Mbit/s | Ambient Storage Temperature Range: -4 - 140° F (-20 - 60° C) |
| USB port: | USB 2.0/3.0 | Humidity: 0-95% relative humidity (non-condensing) |
| Media port: | HDMI | Altitude: 0-6,600 ft (0-2000m) MSL |
| Power: | External power adaptor 12V DC | Wireless Requirements: |
| CPU: | Intel® i5 equivalent or faster | |
| Web browser: | Chrome™, Firefox™, Edge™ | Wireless Connection: 2.4Ghz 802.11n compatible Wifi interface 5Ghz 802.11ac compatible Wifi interface (recommended) Minimum distance between device(s) and access point: ~ 3 feet (~ 1 meter) |
| Windows® (presenter/viewer): | Windows 10 .NET® Framework 4.5; Microsoft® Direct3D | Signal Strength: RSSI on connected devices: stable above -65dBm (recommended > - 60dBm) SNR (RSSI - Noise) on connected devices: stable above 25dB (recommended > 35dB) |
| Mac OSX® (presenter/viewer): | Mac OSX 10.11 or higher | Minimum Bandwidth: 4 Mbps average / 15 Mbps peak per connected client (upstream when presenting; downstream when receiving) Additional 4 Mbps average / 15 Mbps peak for the videoconference host when using the Wireless USB feature |
| Android®: | Android 8 or higher | |
| iOS®: | iOS 11 or higher | |
| Overall Dimensions | | |
| Height: | 2 inches (51 mm) | |
| Width: | 6.3 inches (160 mm) | |
| Depth: | 5.2 inches (132 mm) | |
| Weight: | 2.4 lbs (1.1 kg) | |

MODENA HUB+ REAR PANEL

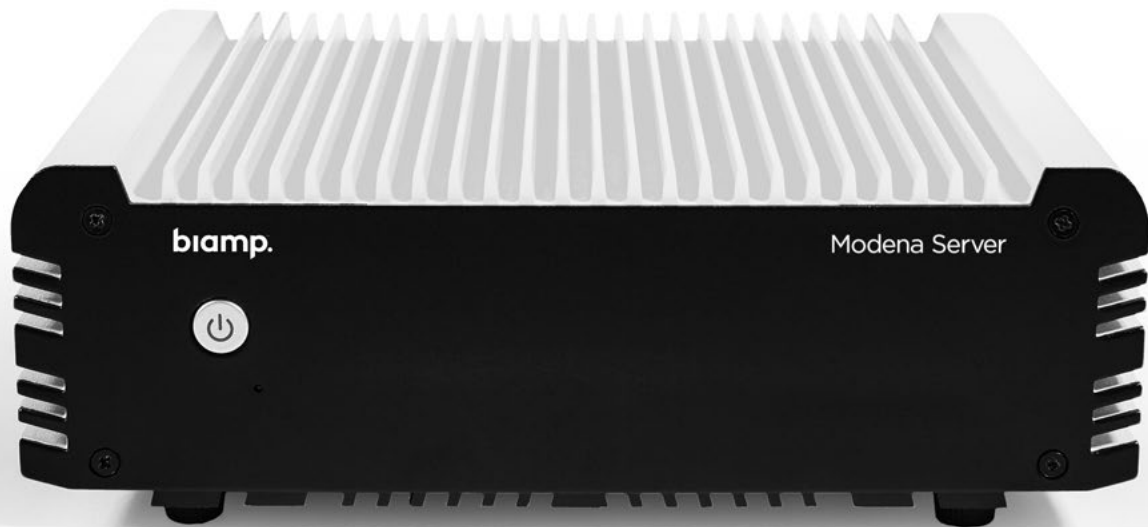


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DATA SHEET

MODENA™ SERVER

WIRELESS PRESENTATION HUB WITH MULTI-ROOM AND MANAGEMENT CAPABILITIES



Modena™ Server is a multi-room wireless presentation device. It can support up to seven collaboration spaces per device, and delivers screen-sharing, content rebroadcast and multi-cam BYOD conferencing. It enables unparalleled flexibility for organizations, allowing teams to collaborate anywhere, with no fixed technology required.

FEATURES

- Enjoy a client-free experience with your web browser
- Meet anywhere: with Modena Server, any place is a meeting room
- Enable a display to receive content by connecting a computer running the web or software client, or an Android dongle; or run the Android TV app directly on a smart TV
- All personal devices can send and receive presentations directly to the screen of participants' laptops, tablets, or mobile devices
- IT administrators have quick access to the configuration of all units installed in an enterprise via a powerful management web interface
- Covered by Biamp Systems' two-year warranty

ARCHITECTS & ENGINEERS SPECIFICATIONS

The wireless presentation hub shall be designed to provision up to seven spaces with wireless screen sharing and content re-broadcasting capabilities. It shall also support multi-cam conferencing via a UC codec hosted on a presenter's computer. The wireless presentation hub shall connect to an Ethernet network via an RJ-45 connector to allow participants using client devices to join a shared session. The client devices shall operate using Windows, Mac OS X, iOS or Android operating systems and shall have installed the Modena custom drivers and client software. The wireless presentation hub shall be CE marked, UL listed, and compliant with the RoHS directive. Warranty shall be 2 years. The wireless presentation hub shall be the Modena™ Server.

MODENA SERVER SPECIFICATIONS

| | | | |
|--|---|---|--|
| Wireless presentation resolution: | Up to HD 1080p@30fps | UC software clients: | Microsoft Teams™, Zoom™, Google Meet™ and more |
| Wired network connection: | Ethernet RJ-45 port, 1000 Mbit/s | Overall Dimensions | |
| USB port: | USB 2.0/3.0 | Height: | 2 inches (51 mm) |
| Power: | External power adaptor 12V DC | Width: | 6.3 inches (160 mm) |
| CPU: | Intel® i5 equivalent or faster | Depth: | 5.2 inches (132 mm) |
| Web browser: | Chrome™, Firefox™, Edge™ | Weight: | 2.4 lbs (1.1 kg) |
| Windows® (presenter/viewer): | Windows 10 .NET® Framework 4.5; Microsoft® Direct3D | Environmental | |
| Mac OSX® (presenter/viewer): | Mac OSX 10.11 or higher | Ambient Operating Temperature Range: | 32 - 104° F (0 - 40° C) |
| Android®: | Android 8 or higher | Ambient Storage Temperature Range: | -4 - 140° F (-20 - 60° C) |
| iOS®: | iOS 11 or higher | Humidity: | 0-95% relative humidity (non-condensing) |
| | | Altitude: | 0-6,600 ft (0-2000m) MSL |

MODENA SERVER REAR PANEL



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