



AUDIOVISUAL SYSTEMS
DESIGN, INTEGRATION AND INSTALLATION



Complete Meeting Room Solution

Versatile, scalable and future-proof solution for premium meeting experiences

AUDIOVISUAL SYSTEMS
DESIGN, INTEGRATION AND INSTALLATION

wacom

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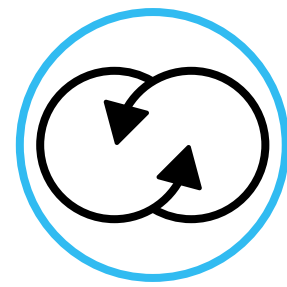
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C

Core Advantages of BXB Solution



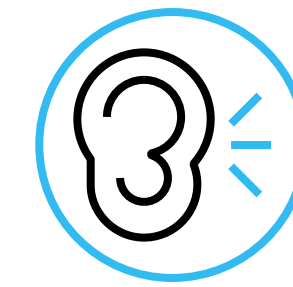
Powerful Scalability & Compatibility

BXB's system can work in any sized meeting venue, featuring absolute flexibility when you need to upgrade or add functions to your meeting room. You can change the mic quantity and seamlessly integrate cameras, voting units, video wall, lifting monitors, environmental control devices, and other external components. To build a tailor-made meeting room can be easier than ever!



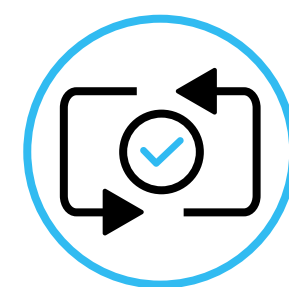
Intuitive Control & IT-friendly

Intuitive control interface eliminates the hassle for non-IT users. It ensures effortless operation and efficient, smooth communication.



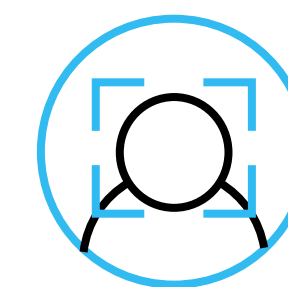
Optimum Sound Quality

Features natural-sounding audio techniques, including feedback suppressor, noise deletion, EMC, and etc. All the attendees can enjoy crystal-clear sound quality and successful engagement to the meeting.



Simple & Reliable

All BXB conference units are connected using the CAT5E cable, which minimizes your deployment time and maximizes the system stability. You can apply daisy-chain, ring, tree, or star topology as you need. If you meet a connection failure of a unit, just remove it; other units still continue to function normally. The only thing you need to do is focus on the discussion.



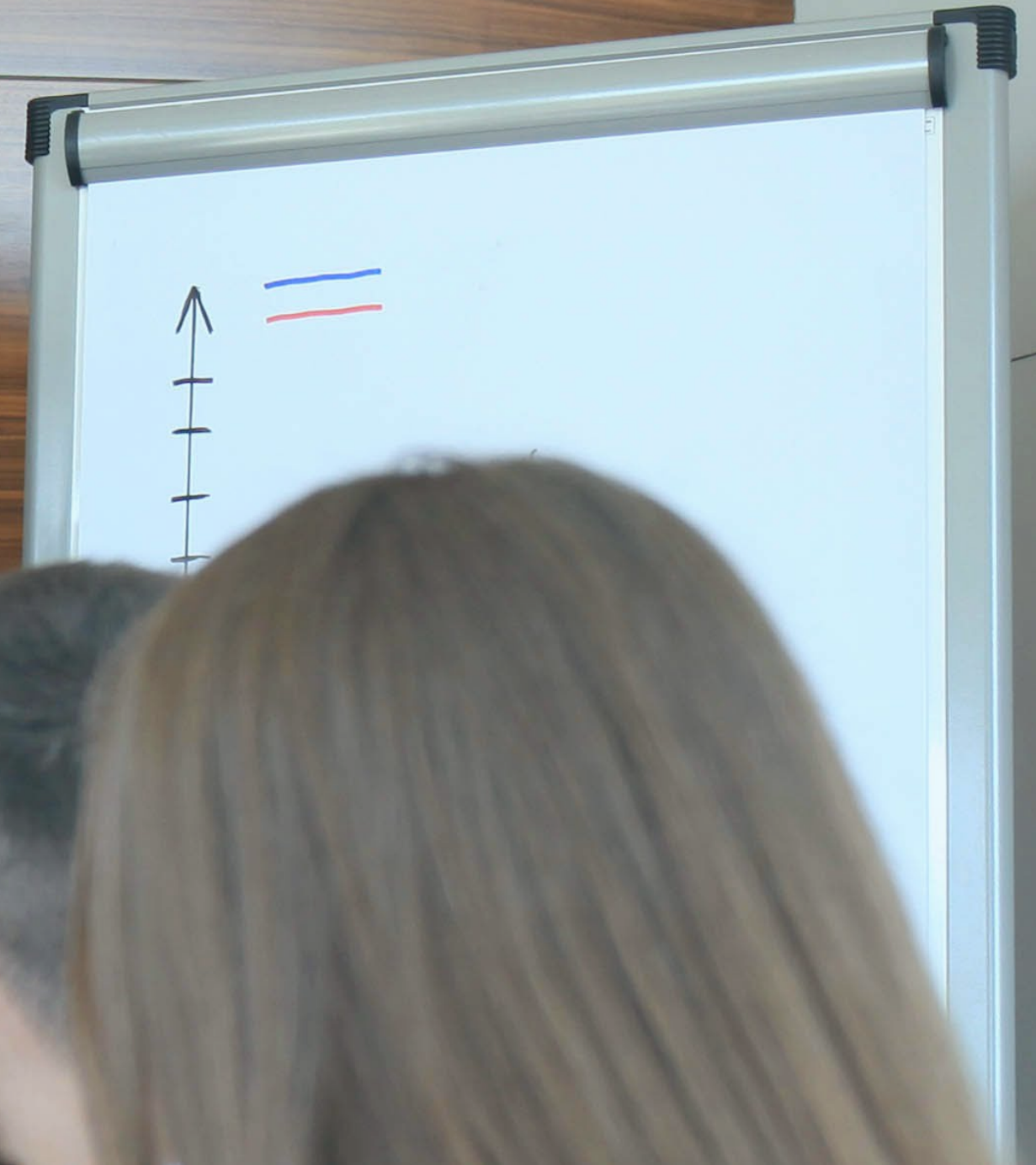
Speaker's Image Auto-tracking & Close-up

Seamless integration with PTZ cameras. Even in a large meeting hall with hundreds of attendees, everyone can quickly know the present speaker with ease. It also puts remote participants face-to-face.

Video Conference System | Qcon

The monitor displays a video conference with three participants in small windows. The central area shows a dashboard with various charts and tables. The top left chart is a bar chart with values ranging from 0 to 250. The top right section is titled 'Goal' and shows a progress bar for '03.20' and '07.20' with values 220,00 and 180,00. Below this is another bar chart. The bottom section of the dashboard contains a table with columns for time intervals and numerical data.

Time	Value 1	Value 2	Value 3	Value 4
7:00:00	10	10	0	0
8:00:00	10	10	2	10
12:00:00	350	35	12	45
19:00:00	575	75	32	95
7:00:00	10	10	0	0
8:00:00	10	10	2	10
12:00:00	325	40	15	55
19:00:00	445	45	45	45
7:00:00	10	10	0	0
8:00:00	10	10	2	10
12:00:00	50	10	2	2
19:00:00	456	64	32	22
7:00:00	10	10	5	
10:00:00	10	10		
12:15:00	125			





Video Conference System | Qcon

Upgrade Your Video Conference Experience, Enable Communication without Geographic Limitations



- **Quickly start a meeting via plug-n-play USB**
Easily plug in a USB cable to a PC to run Qcon.
- **Seamlessly compatible with any cloud meeting platform**
Support Google Meets, Microsoft Teams, Cisco Webex, ZOOM, LINE, Wechat, and more to start remote and onsite meetings.
- **Personal microphone with absolute audio clarity**
Each attendee has a cardioid mic which receives the in-front speaker's voice only. The private discussion of other participants would not be heard to ensure the negotiation advantage.
- **Superior video quality for more natural video communication**
Even in onsite or transnational video conferences, each attendee's facial expressions and visemes can be clearly seen and captured, as face-to-face interaction.
- **Speaker's image auto-tracking and close-up view**
The equipped PTZ camera features auto-tracking and close-up view, making all participants know who is speaking at the moment.

[Watch the video to know more](#)

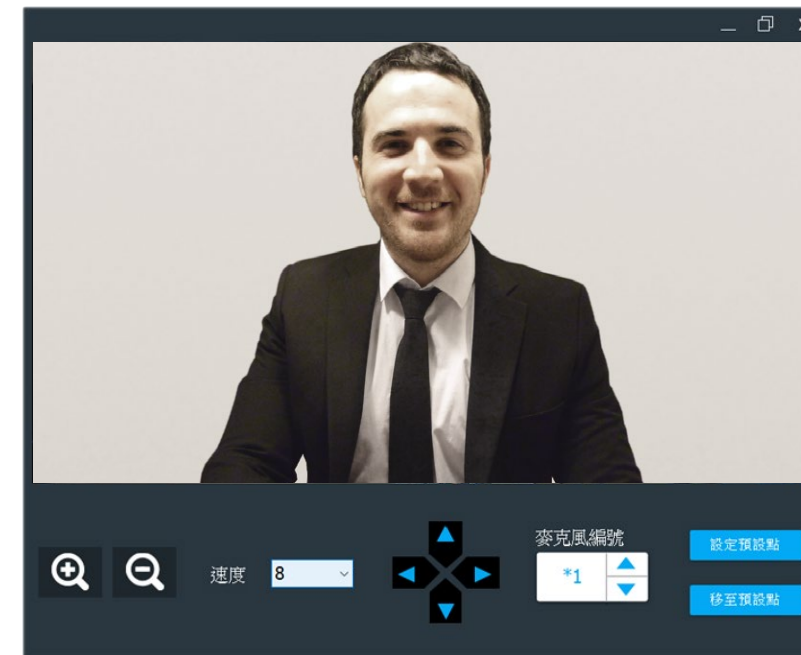
Products



QCU-100 Video Conference Control Unit

- Plug-n-play USB: connect to a PC to operate the video conferencing software and audio playback.
- Multi-point control: multiple persons can log in and configure the settings at one time.
- 4 x RJ45 ports for connecting to 5 chairman units and 35 delegate units.
- Mixer equipped for connecting the external audio sources, no extra mixer required.
- Circuit protection: each port is equipped with circuit protection mechanism, making the system more stable.

Product Spec



Qcon Control Software

- Supports English, Traditional/ Simplified Chinese, and Korean.
- Configures settings including meeting modes, voice-activation ON/OFF, open-mic qty, mic auto-off, and preset points of the camera.
- Individually adjusts the volume of system / AUX / USB audio sources.
- Video tracking modes: OFF/Button/Voice.
- Automatically runs the software after booting up the PC. You can keep using the previous settings without configuring again.
- Password protection: prevent unauthorized persons from logging in and operating the system.
- Supports Windows operating system. The PC performance required is based on the cloud meeting software you use.



FUN-6313 / 6314 Table-top Chairman/Delegate Unit

- Cardioid feature: only receive the front speaker's voice and avoid taking the surrounding noises such as applause, loudspeakers, and other attendees' discussion.
- Premium sound processing: equipped with noise suppression, echo deletion, and AGC. AGC can automatically adjust the speaker's volume to the moderate level and offer the clear and natural sound quality.
- Voice-activation (VOX): recognize the speaker's voice accurately and then auto-activate the microphone, solving the predicament of forgetting pressing the speaking push-button.

Please refer to P50 for the accessory cables and extension power supply

Products



HDC-613 HD PTZ USB Camera

- Plug-n-play USB 3.0 and HDMI video output interfaces.
- Full HD 1080p high definition video with a high frame rate of 60 fps.
- 12x optical zoom.
- Horizontal viewing angle: 72° .
- Pan angle from -100° to + 100° ; tilting angle from -30° to +30° .
- Up to 128 preset modes to allow for easy use in any size of meeting venues.

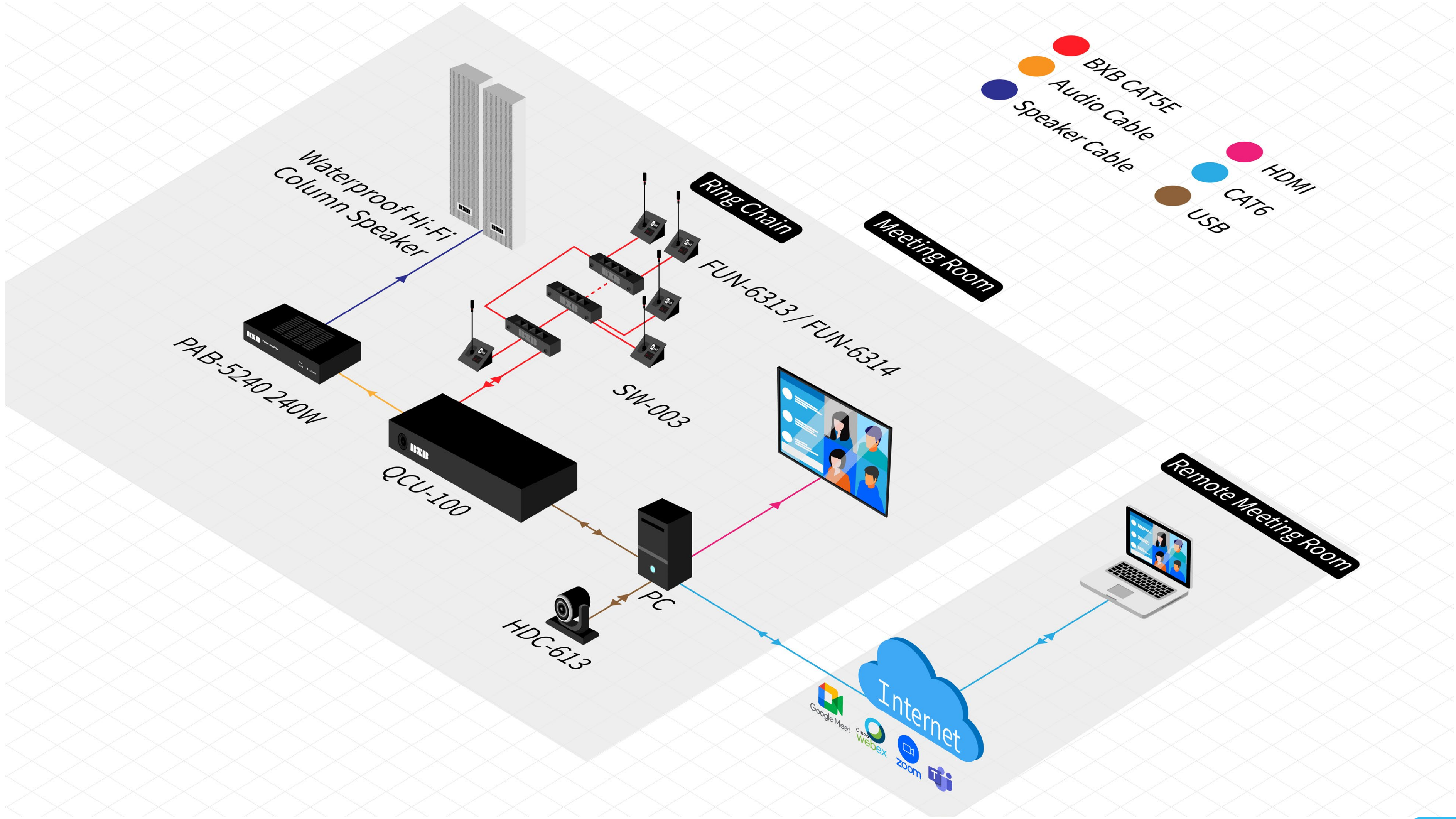
[Product Spec](#)



SW-003 RJ45 Distributor

- Effectively decrease the length of used cables and increase the cabling flexibility.
- With two screw holes for fixing on the table.

Qcon System Schematics





Entry-level Conference System | EDC-2000

E

Entry-level Conference System | EDC-2000

Ease-of-use Guaranteed for Discussion-only Demand



- **Support max. of 265 microphone units**
Each CCU enables the max. 50 units. Working with BXB extension power supply, it is capable of handling up to 265 units.
- **Built-in 2.5” HI FI loudspeaker of each unit**
Provides optimum speech intelligibility without an extra acoustic system in conference rooms. As the microphone is activated, its loudspeaker would be auto-off to avoid sound feedback.
- **Enjoy crystal-clear voice reproduction within your budget**
Give you a smooth meeting with the simple, stable, and reliable system, at a price to meet your budget.

Products



EDC-2051 Conference Main Control Unit

- 4 x 20 digit LCD display: clearly shows operation modes, qty. of connected microphones, volume, and other configurations.
- 4-chain RJ45 ports: each port enables the max. of 15 units; the total is 50 units. Working with BXB extension power supply, it enables the max. of 265-unit connection.
- Operation modes: Normal / Chairman (request to speak) / Override.
- Equipped with RS-232 connector to integrate with PTZ cameras and other controlling systems.

[Product Spec](#)



EDC-2011 / 2012 Table-top Chairman / Delegate Unit

- Light-transparent push-button: make users easily recognize the present speaking status.
- Built-in 2.5" HI FI loudspeaker: no extra acoustic system required. As the microphone is activated, its loudspeaker would be auto-off to avoid sound feedback.
- The base is made of extruded aluminum with anti-skid pads below.

[Product Spec](#)



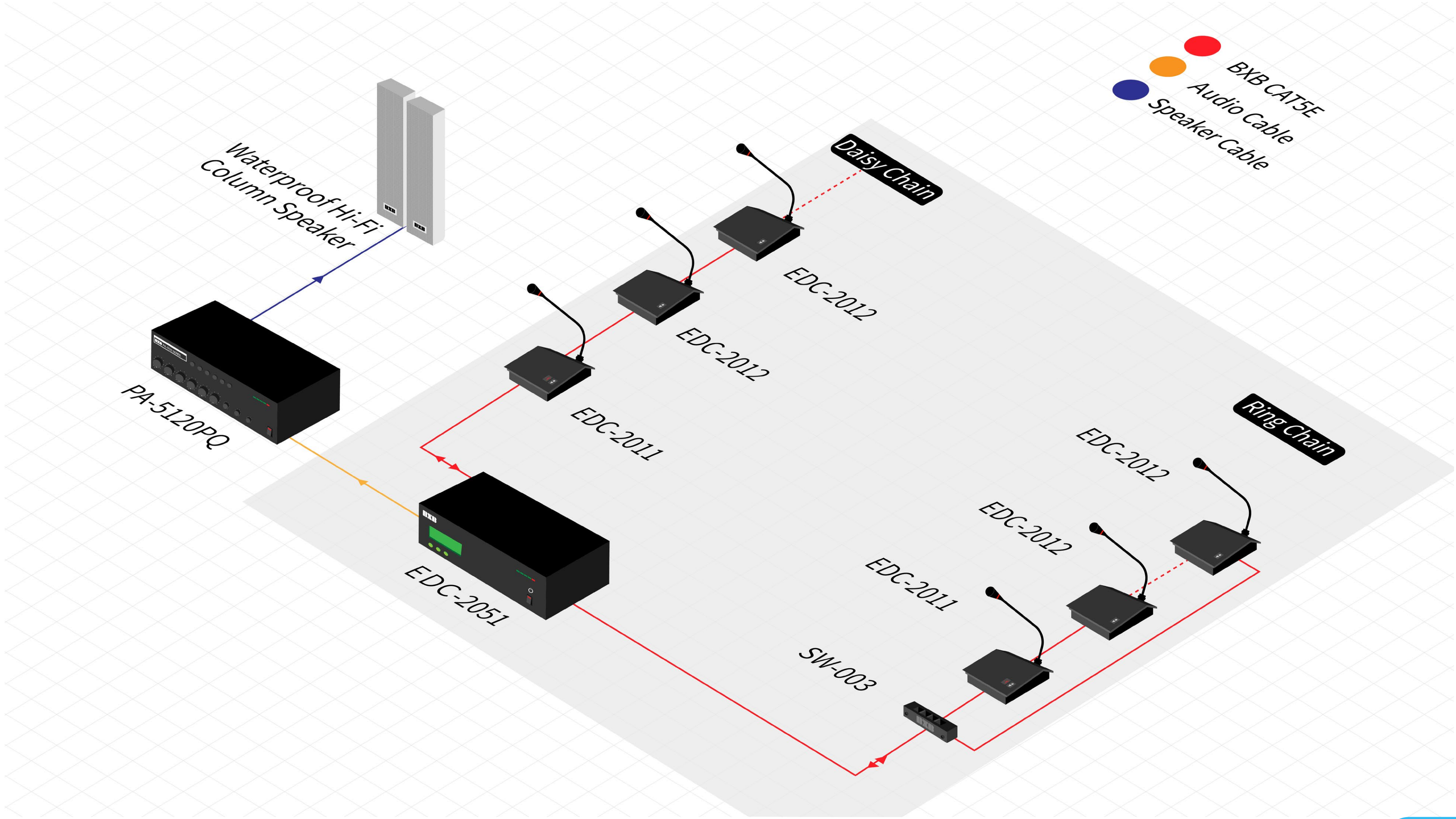
WM-43/48/56 B1HT Gooseneck Microphone WM-70 B2HT Gooseneck Microphone

- Equipped a LED red ring to indicate speaking status. Multiple gooseneck lengths provided for adapting with different meeting environments.
- Able to avoid the interference of electromagnetic waves even though its distance between 3G and 4G cell phone is just within 10cm.
- Equipped with a shield. The flexible gooseneck tube is easily positioned by fingers. Even being bent frequently, the tube would not make any noise.

[Product Spec](#)

Please refer to P50 for the accessory cables and extension power supply

EDC-2000 System Schematics



Advanced Conference System | UFO-2000





Advanced Conference System | UFO-2000

Infuses Stylishness to the Meeting Room



- **Minimalist and streamlined design**

The elegantly concealed speaking push-button and the contemporary look are certified with iF Design Award. It's aesthetic to be just put on the meeting table.

- **25-color combinations under your choice**

5 basic metal colors with 25 combinations fit into varied architectural styles of meeting rooms.

- **Microphone Auto-Off**

You can set the mic auto-off time from 10-99 seconds. It does not require the delegates to remember to switch off the microphone, which facilitates smooth discussions.



Products



UFO-2050 Conference Main Control Unit

- 4 x 20 digit LCD display: displays the connection status, operation modes, qty. of connected microphone units, the mic volume, and more.
- 4-chian RJ45 ports: each circuit enables the max. of 20 units; the total is 50 units. Working with BXB extension power supply, it enables themax. of 999 delegate units and 10 chairman units.
- Operation modes: Normal / Chairman / Override / FIFO.
- Equipped with RS-232 interface: integrate with PC and other controlling systems.
- Equipped with RS-485 interface: connect with PTZ cameras to do speaker's image auto-tracking.

Product Spec



UFO-2011/2012 Table-top Chairman / Delegate Unit

- Streamlined look and concealed speaking push-button: upgrade the meeting room's scale.
- 25-color combinations under your choice: 5 basic metal colors with 25 combinations fit into varied architectural of meeting rooms.

Products



UFO-2021/2022 Flush-mounted Chairman / Delegate Unit

- 2 x Ø3.5mm recording plugs: connect a recording equipment or a headphone. The volume can be easily controlled on the unit's panel.
- Equipped with red/green/orange LED to represent different operation modes.
- The gooseneck microphone is fixed with screw thread to avoid defective contact due to connector coming-off.
- The unit with no screw hole (UFO-2021N / 2022N) is available for the installation on specially-designed tables.



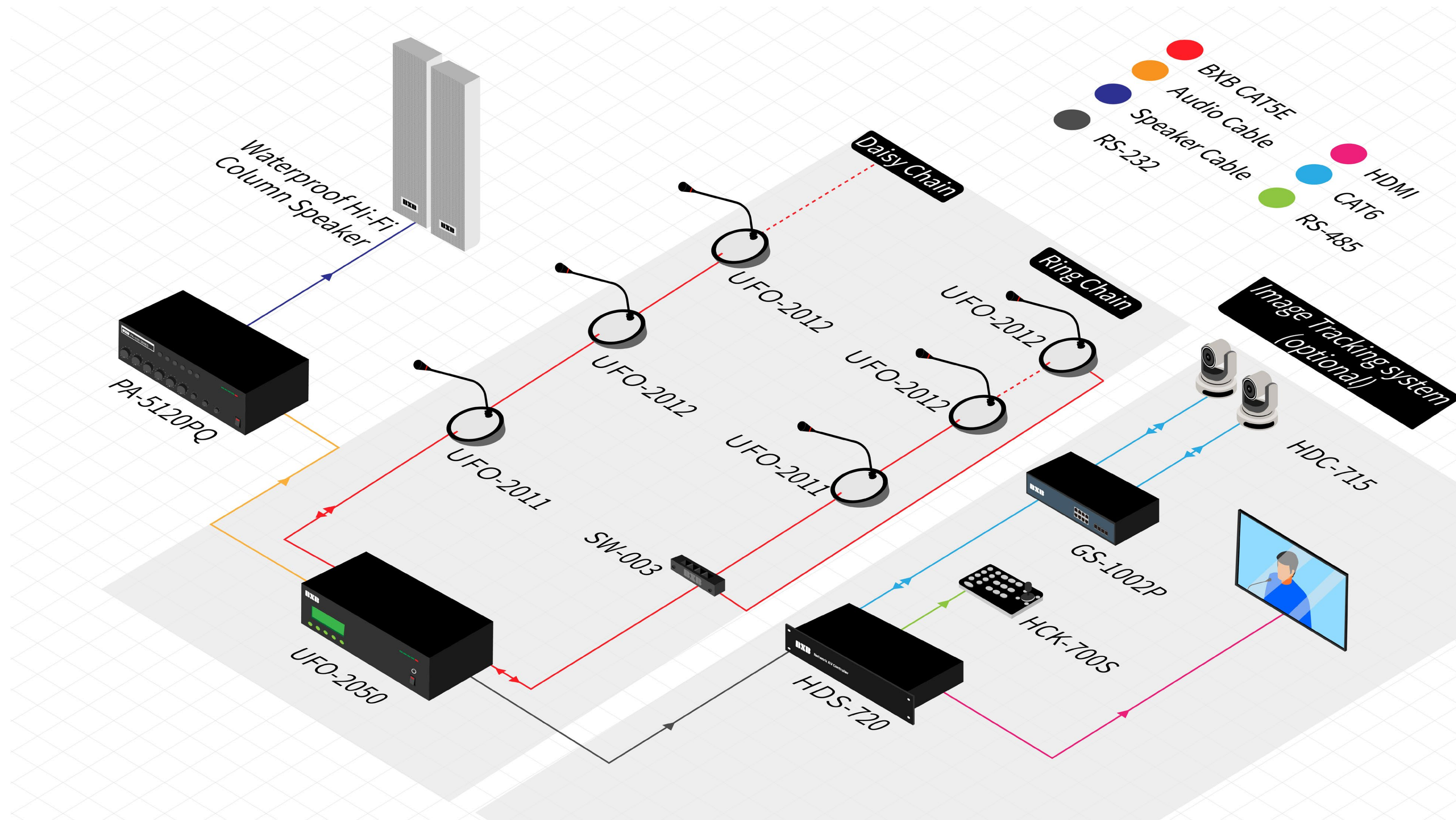
WM-43/48/56 B1HT Gooseneck Microphone WM-70 B2HT Gooseneck Microphone

- Equipped a LED red ring to indicate speaking status. Multiple gooseneck lengths provided (43/48/56/70 cm) for adapting with different meeting environments.
- Outstanding rejection to the electromagnetic wave even though its distance between 3G and 4G cell phone is just within 10cm.
- Equipped with a detachable foam windshield. The flexible gooseneck tube is easily positioned by fingers.

Product Spec

Please refer to P50 for the accessory cables and extension power supply

UFO-2000 System Schematics



Full-function Conference System | FCS-6300



F

Full-function Conference System | FCS-6300

All-round, High-integration, Mobile-management, Presenting as an International Corporate





Full-function Conference System | FCS-6300

All-round, High-integration, Mobile-management, Presenting as an International Corporate

■ Versatile design & incredible functionality

Offer you a variety of microphone types, available in compact table-top, tailored flush-mounted, lifting, and more that enable the integration with voting, simultaneous interpretation, video distribution, etc.

■ Capability to handle up to 1009 units

Each conference MCU enables the connection of 50 microphone units. By using the extension power supply, the system can expand to 1009 units for large meetings.

■ Premium audio quality

- AGC (auto-gain control) – detects the volume of the in-front speaker and then auto-adjusts the sound-receiving sensitivity. No worry about bad reception or plosives.
- Voice-activation – accurately detects the human voice and then auto-activates the microphone, but avoids receiving the surrounding noises.
- Volume auto-adjustment for each mic – based on the loudspeaker distribution on site, you can adjust the volume for each microphone unit. That would avoid the mic feedback due to the close distance with loudspeakers, which is ideal for the deployment in the meeting rooms with more complicated layouts.

■ Easily manage the meeting order with mobile control

Via TCP/IP connection, the microphone control and meeting management can be handled locally by the MCU or through your PC and mobile devices. It supports iOS, Android, Microsoft, and a web browser for cross-platform control, which decreases the labor cost.

■ Freely set the mic ID and chairman/delegate identity

Based on the microphone position and meeting purposes, you can change the microphone's ID and identity at any time. It enhances the efficacy of meeting registration and camera preset point setting.

■ Easily extend the scope of system for present and future needs

All the conference microphone units of FCS-6300 series can be mutually used. You can easily add the unit quantity and change the microphone type any time. The system also enables the integration with the third-party environmental control systems such as AMX, Crestron, and ATEN, making the meeting management more fully functional.

Products



FCS-6350 Conference Main Control Unit

- Large LCD display (128 x 64): offers a comprehensive overview of system connection status, the qty. of connected microphone units, operation modes, volume, and more.
- Each MCU powers up 50 units. Use EPS-C083 for up to 1009 units.
- Digital coding: you can easily set each unit's ID number and the chairman / delegate identity.
- Multiple operation modes: Normal / Chairman / Override / FIFO.
- Microphone auto-off: you can set the mic auto-off time from 10-99 seconds. It does not require the delegates to remember to switch off the microphone, which facilitates smooth discussions.
- 4 x audio output connectors: work individually without audio mixing. The audio signals can be transmitted to other equipment based on the demands on site.
- Plug-n-play USB connector to a PC for music playback or recording.

[Product Spec](#)



FUN-6313 / 6314 Table-top Chairman / Delegate Unit

- Award-winning design: the ingenious design ensures the steady base, preventing it from moving or scratching against the table. The ergonomic design offers intuitive operation and ideal visual angle.
- OLED display: clearly shows the operation modes and ID number. When the voltage is too low, the OLED would display the present voltage value for reminder.
- The speaking push-button is equipped with white/red/green/orange LED indicator light that represents different operation modes: able to speak/ speaking / override / FIFO.
- Chairman unit has the highest priority to speak and control delegate microphones as instant OFF, permanent OFF, and temporary OFF.
- Any delegate can be set as vice-chairman identity. Even if there's only one chairman unit on site, it's flexible to set any delegate unit as vice-chairman identity. Its speaking right is not restricted by the chairman's control but has the priority to speak temporarily.



UFO-6311 / 6312 Table-top Chairman / Delegate Unit

- Streamlined look and concealed speaking push-button: upgrade the meeting room's scale.
- 25-color combinations under your choice: 5 basic metal colors with 25 combinations fit into varied architectural styles of meeting rooms.



Products



FCS-6315 / 6316 Table-top Chairman / Delegate Unit

- LCD display to show operation modes and speaking statuses.
- Built-in HI FI loudspeaker: no extra acoustic system required. As the microphone is activated, its loudspeaker would be auto-off to avoid sound feedback.
- Voting interface in the lid: 5 push-button keys making voting procedures private.
- 2 x Ø3.5mm audio out connectors: one for headphone (volume adjustable); one for connecting with recording equipment.



FCS-6321 / 6322 Flush-mounted Chairman / Delegate Unit

- Extruded aluminum panel that precisely mixed with the meeting table.
- The chairman unit has the full control of speaking priority: activate permanent OFF or temporary OFF with a beep tone for reminding all the delegates.
- 2 x Ø3.5mm audio out connectors: one for headphone (volume adjustable); one for connecting with recording equipment.
- The unit with no screw hole (FCS-6321N / 6322N) is available for the installation on specially-designed tables.



FCS-6323 / 6324 Flush-mounted Chairman / Delegate Unit- with Voting

- Extruded aluminum panel that precisely mixed with the meeting table.
- Five addressable push-buttons with LED indicator: representing presence, agree (+), disagree (-), abstention (0) / operate with numbers: 1-5 / A~B(multiple-choice and rating voting). It's also ideal for class exam.
- Equipped with the beep tone indicating the chairman's speaking priority.

Products



FCS-6341 Voting Selector

- Extruded aluminum panel that precisely mixed with the meeting table.
- Five addressable push-buttons with LED indicator: representing presence, agree (+), disagree (-), abstention (0) / operate with numbers: 1-5 / A~B(multiple-choice and rating voting).



FCS-6325-43 Conference Lifting Microphone

- Once finished using, the microphone can be lifted down and hidden under the table. Keep the table neat. No exposed cable required.
- One button for electrical lifting and descending. Fast and stable operation without noise and shake.
- During the meeting, the microphone can be lifted individually or concurrently. Via central control system, you can lift single, multiple, or all microphones.
- FCS-6350 Conference Control Unit enables the lifting control. It's compatible with environmental control systems for remote control.
- FCS-6326-43 (with lifting touch screen) is available for upgrading to a multimedia meeting room.
- Equipped with a detachable foam windshield. The flexible gooseneck tube is easily positioned by fingers. Even being bent frequently, the tube would not make any noise.

[Product Spec](#)



WM-H1 Hand-held Conference Microphone

- The capsule is equipped with a detachable foam windshield and noise-interference device.
- Mute-switch of ON/ OFF speaking push-button.
- Attached with a 2.2M spiral cable, easy for storage.
- Quickly lock with the flush-mounted microphone units.

Products



FCS-6331 Microphone Unit Interface

- Should be adapted with the WM-H1 Hand-held Microphone.
- Supports hot-plugging without wasting time on system reboot or reset. Just wait within 2 seconds after plugging in, the microphone can be used.
- Installation: put on the table or fix with the armchair.
- Equipped with Ø3.5mm output port to connect to the recording equipment.
- The panel is equipped with red/green/orange LED to represent different operation modes (chairman/override/FIFO).



WM-43/48/56 D1HT Gooseneck Microphone WM-32/43/48 D1ST Gooseneck Microphone (Super Flexible-tube)

- Equipped a LED red ring to indicate speaking status. Multiple gooseneck lengths (32/43/48/56 cm) and tubes (flexible / super-flexible) are provided.
- Outstanding rejection to the electromagnetic wave even though its distance between 3G and 4G cell phone is just within 10cm.
- Equipped with a detachable foam windshield. The flexible gooseneck tube is easily positioned by fingers.



WM-32/43/48/56 D1R Gooseneck Microphone (Used for FUN-6313/6314)

- Cardioid feature: only receive the front speaker's voice and avoid taking the surrounding noises such as applause, loudspeakers, and other attendees' discussion.
- Best-in-class sound: equipped with noise suppression, echo deletion, and AGC. AGC can automatically adjust the speaker's volume to the moderate level and offer the clear and natural sound quality.

Products



SW-003 RJ45 Distributor

- Effectively decrease the length of used cables and increase the cabling flexibility.
- Equipped with 4 x RJ45 connectors for splitting one chain into four chains; the conference units can be connected at any point in the chain.
- With two screw holes for fixing on the table.

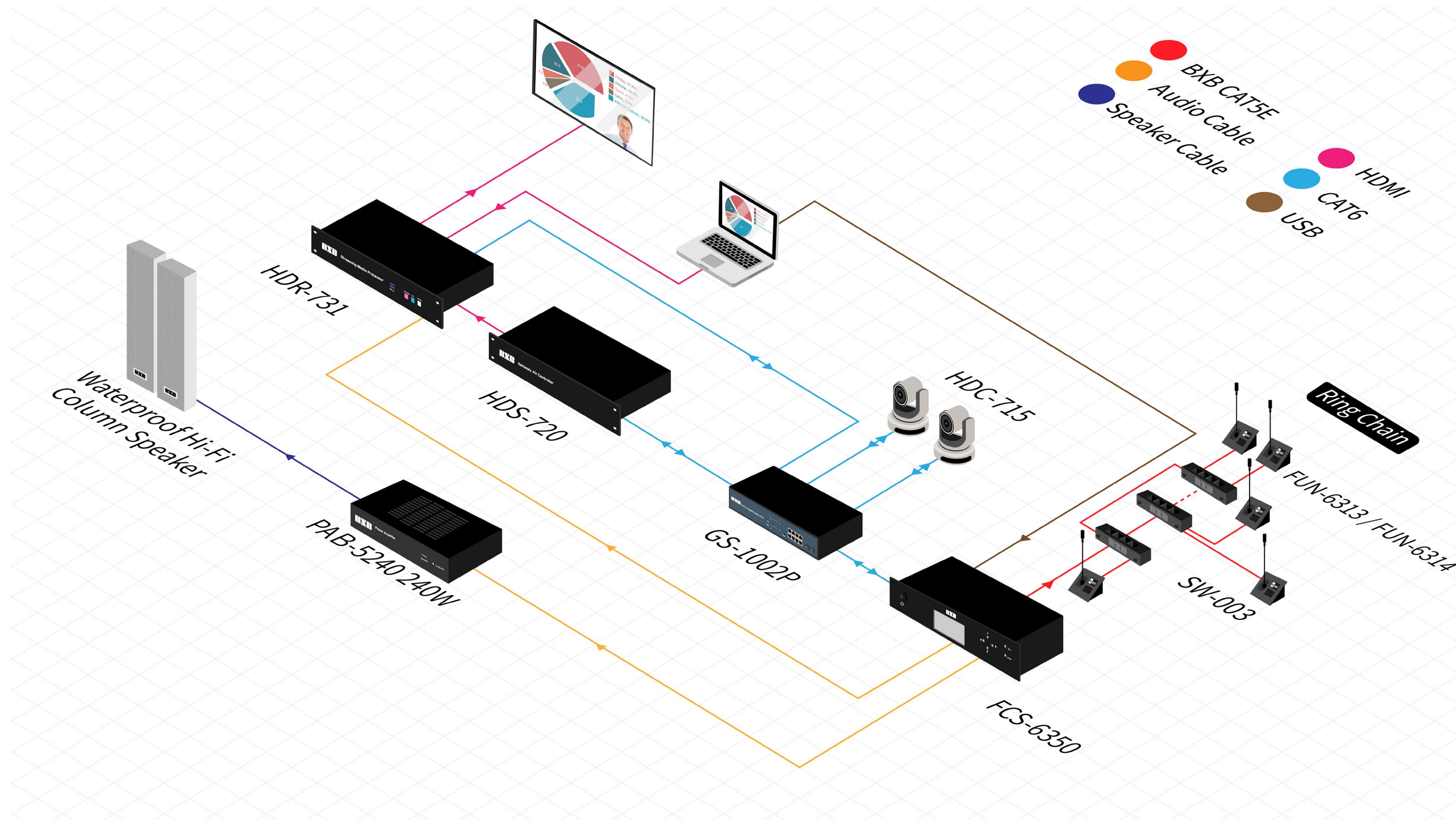


GS-1002P 8 Port POE + Gigabit Switch

- Supply the power for PTZ cameras, IP phones, 11ac wireless AP, and other powered devices used in enterprises, hotels, educational organizations, and smart buildings.
- 8 sets of 10/100/1000 Mbps RJ45 copper ports featuring 30W (max.) power for each POE port.
- Complies with IEEE 802.3at POE, end-span PSE. Remote power feeding up to 100M in standard mode.
- POE management via Web-based interface: remotely check and control POE power budget, power feeding priority, POE schedule, and so on.
- Robust QoS & DSCP features: empowering the enterprises to take full advantage of the limited network resources.
- Supports DHCP snooping, STP BPDU, and ARP inspection: prevents from attack and constructs highly-secured networks.

[Product Spec](#)

FCS-6300 System Schematics



Smart Meeting Room Solution

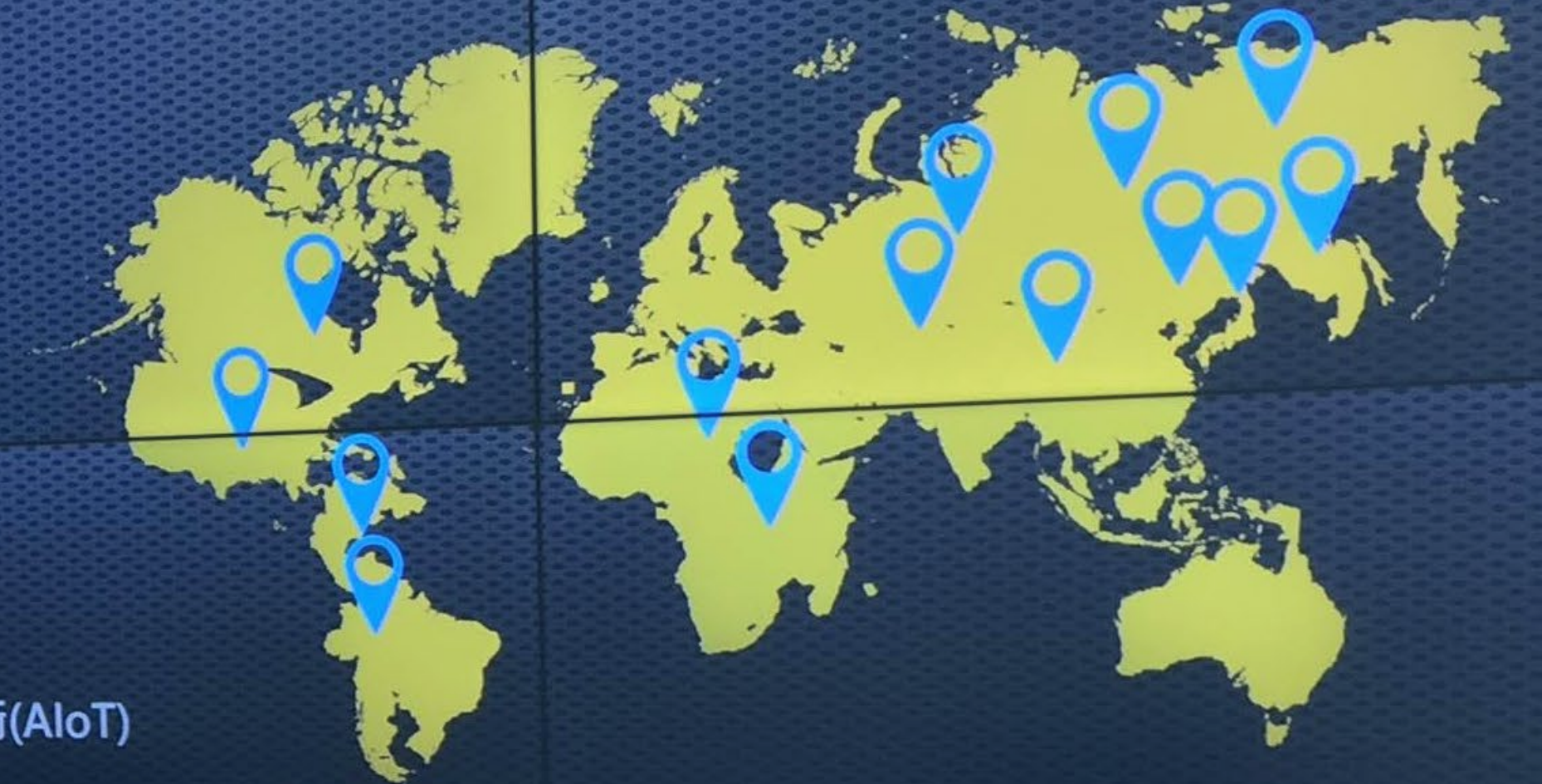


公司簡介

品牌名稱：BXP (Best X Best)
凡事沒有最好，只有更好

卡訊優勢：

99%自我品牌行銷全世界
具系統化產品及雲端化的研發技術(AIoT)
具備穩定的末端通路



企業總部
台灣 高雄

S

Smart Meeting Room Solution

Audio, Video, and Controlling All-in-one Solution Making Meeting Spaces More Dynamic and Collaborative.

BXB applies three paramount technologies: AVIoT, cloud video streaming, and paperless collaboration to deliver actual communication value. It enables you to share multimedia data and control meeting order, successfully transforming the offices into inspirational, productive, and efficient spaces.



The Value You Could Obtain Goes Beyond Your Expectation

- **Cloud meeting– breaking the communication barriers**
Your partners and customers at remote locations can be involved in decision making, problem solving, and progress control without time and space limit.
- **Wireless presentation– share the data locally and remotely**
Via BYOD (bring your own device), the presenter can one-click to sync the presentations or multimedia data with all the local and remote participants.
- **Paperless collaboration**
The collaboration progress including data sharing, annotation, and document revision can be all captured and saved for checking in the future. It completely bridges the gap in understanding caused by manual note-taking.
- **Capturing and live-streaming– promote your branding value**
It's easy to transform your meeting space into a livestream studio. You can capture and record any seminar, product release, and training and then save them as your video database for future on-demand access. Simultaneously, all the video contents can be broadcasted to large audiences located in the same or different networks.
- **Interactive video wall– capture the eye of any visitor!**
Distribute your contents to each screen to create eye-catching and dynamic presentations. You can also put graphs / charts on each screen to make the data comparison, enhancing the efficiency of analysis and decision-making.
- **AV distribution & managing the meeting room environment**
So much more of the meeting room needs to be controlled– lights, air-conditioner, projectors, screens, cameras. All of these can be remotely controlled by BXB's networked solution, which is time-saving and cost-effective. Moreover, the pre-programmed function enables you to arrange the content displayed on the video wall, making the meeting go smoothly and effectively delivering the visual information.

Cloud meeting – breaking the communication barriers



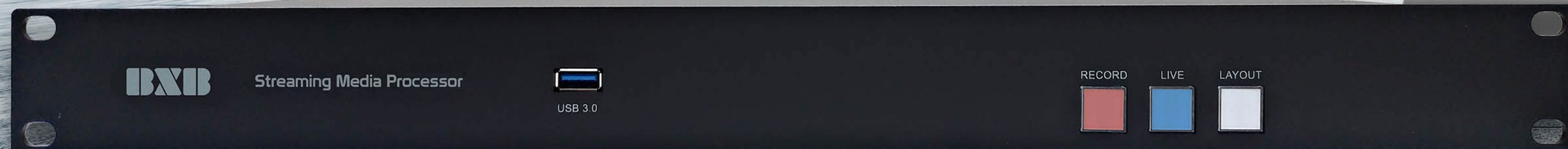
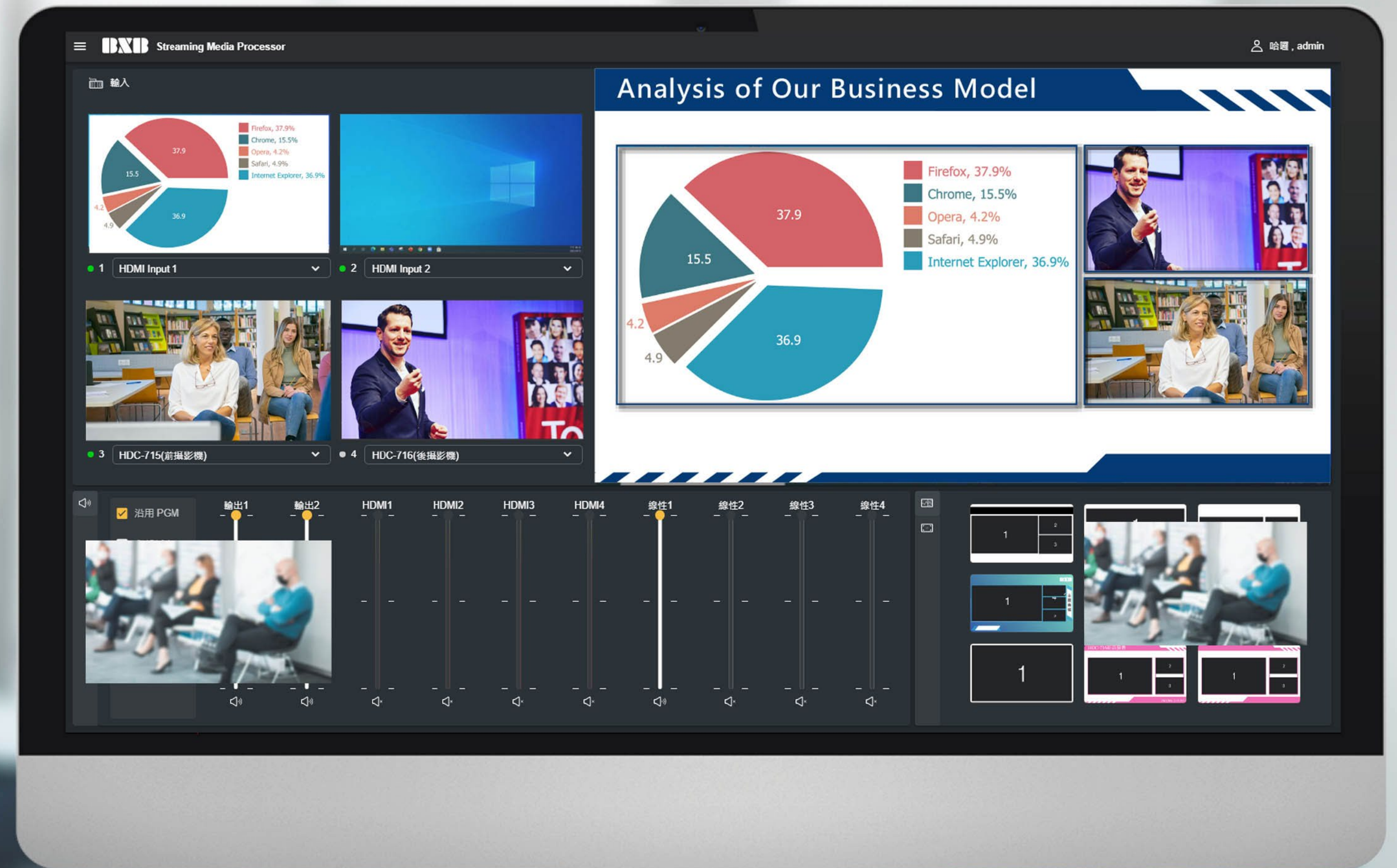
Wireless presentation– share the data locally and remotely



BUSINESS

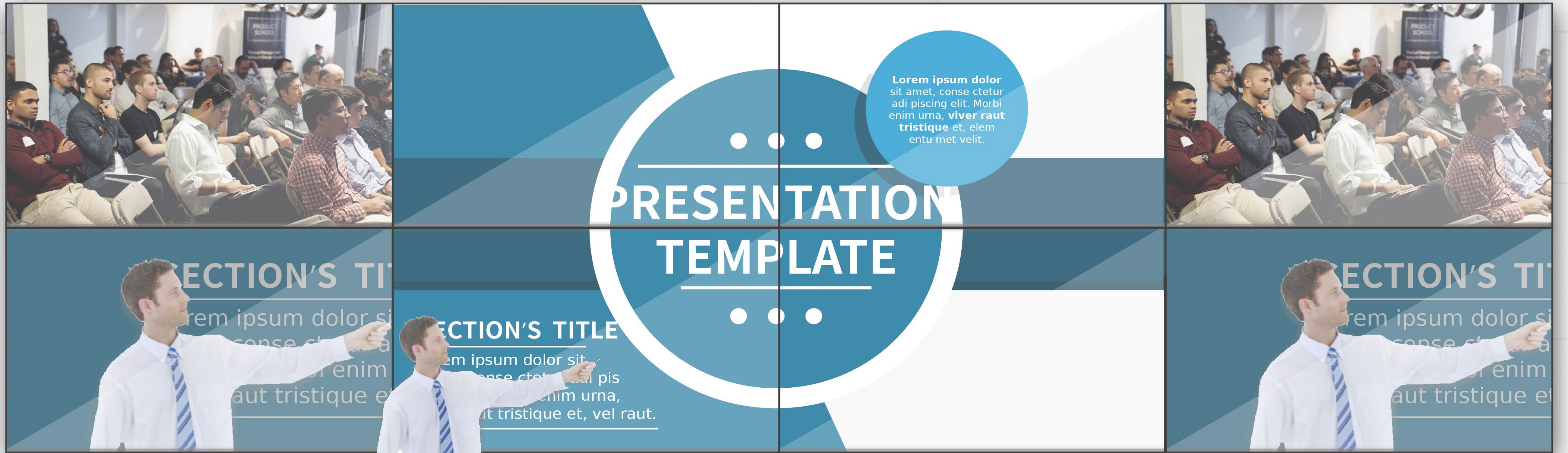


Capturing and live-streaming— promote your branding value



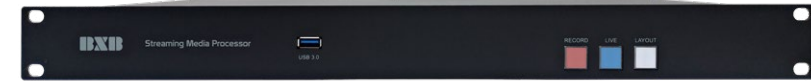
Paperless collaboration





Interactive video wall – capture the eye of any visitor

Products



HDR-731 Streaming Media Processor

- All-in-one design integrating recording, video switching, and professional live-streaming.
- 4-CH FHD 1080P60 inputs: set 4CH IP streaming videos as the source.
- 2-CH HDMI outputs: for Director View and PGM view.
- Supports RTMP, HLS, and RTSP protocols for broadcasting videos online. You can live-stream to any four platforms simultaneously.
- Intuitive director interface for recording, go-live, snapshot, volume bar, PGM preview, HDMI 1~4 source switch, layout switch, and more.
- Self-defined PGM layout, including text color / size, overlay images, partially cut the image of the video source, and more.
- Scheduling: set the time for recording, streaming, and back-up.
- Built-in 1TB hard drive. USB 3.0 is provided for USB hard disk. You can also back up and save to NAS / FTP.

Product Spec



FCS-6326-43 Multimedia Conference Lifting Microphone

- Widely used for paperless meetings, lecture & training rooms, multimedia classrooms, high-end offices, hotels, and more.
- All-in-one flush-mounted design integrating touch screen and gooseneck microphone, no exposed cable and highly space-saving.
- The screen and microphone can be lifted individually or concurrently. Via the central control system, the microphone can be lifted with single, grouped, or all mode.
- Equipped with HDMI, DVI, VGA, and USB interface for touch screen; plug-and-play.
- Easily connects with BXB FCS-6350 Conference Main Control Unit to lift / lower the monitor and microphone; available to integrate with environmental control equipment.
- Equipped with power saving mode by cutting the electricity off automatically after lifting down.

Product Spec



WKVM-201M Wireless Presentation MCU WKVM-202TH Wireless Presentation Transmitter

- Compact and quick: connects up to 8 transmitters and 4 video devices simultaneously to easily collaborate wirelessly.
- Cross-platform sharing: fully compatible across MAC / Windows, and iOS / Android mobile phones and tablets. With only one click, you can cast contents wirelessly onto displays.
- Full HD resolution & high speed image processing: presents the best visual quality even under the environment with insufficient brightness.
- Host control: enables the user to control presentation flow.
- Plug-and-play without waiting: no software or driver required. No need to concern about the information security and version compatibility.

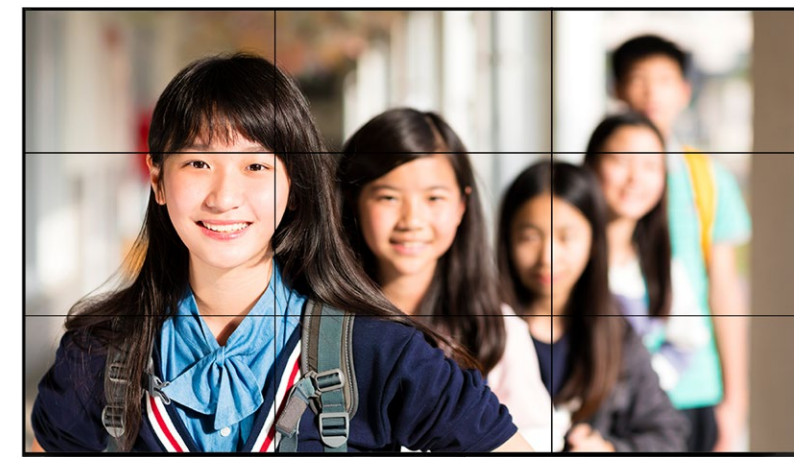
Products



Paperless Flush-mounted All-in-One Panel (Customized)

- The panel integrates video inputs (HDMI/VGA), functional ports (AC power, USB, LAN), and discussion function. The all-in-one design keeps the table tidy and increases the using space for users.
- Just connect to the data source (laptop/smartphone) and then click the screen projection button, your data would be transmitted to the main display (projector, LED monitor, electronic white board) and your microphone would be turned on automatically. All the attendees would clearly read the materials. No paper needed; environmental-friendly.
- Switch to the next presenter's screen in real-time. You don't need to plug out/re-manage cables or wait for the connection.
- Asynchronous browsing: when a speaker shares the screen, any of the other attendees can choose tracking or not tracking the speaker's screen. The video signals can be interconnected.

[Product Spec](#)



S-550M350 55" Video Wall LCD

- Flexibly used for eye-catching branding presentation, proposals, product release, and more.
- The ultra-narrow 3.5mm bezel-to-bezel design offers near-seamless vision and delivers the premium visual messages.
- Supports 1920x1080 Full HD, 16.7M display colors, 72% color gamut, and 500 nits high brightness, delivering vivid and immersive visualization.
- Supports infrared transmission: the control signal can be sent to multiple monitors via only a remote controller.
- With the BXB AvoIP system, you can remote control the configurations of the video wall, including the power supply, image distribution/ split, matrix switch, and more. No extra software required.

[Product Spec](#)



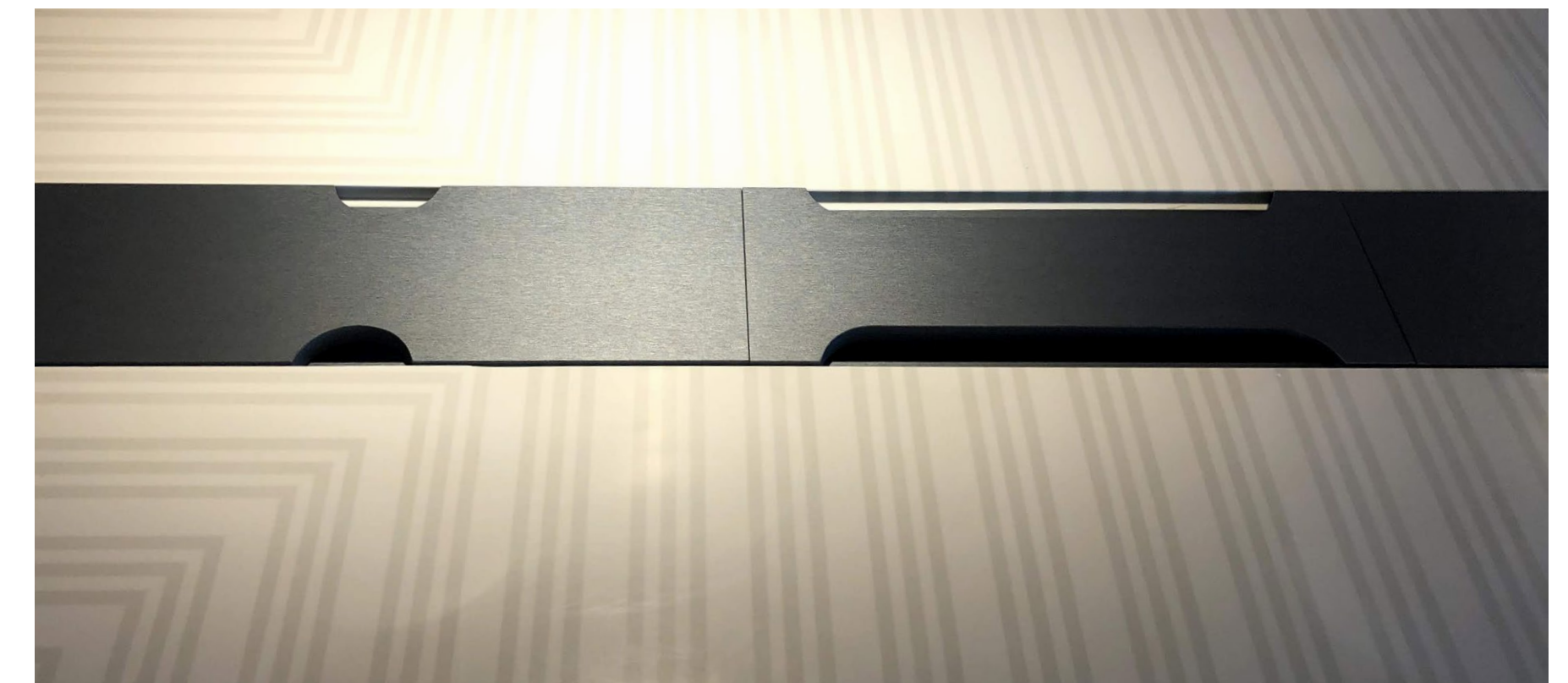
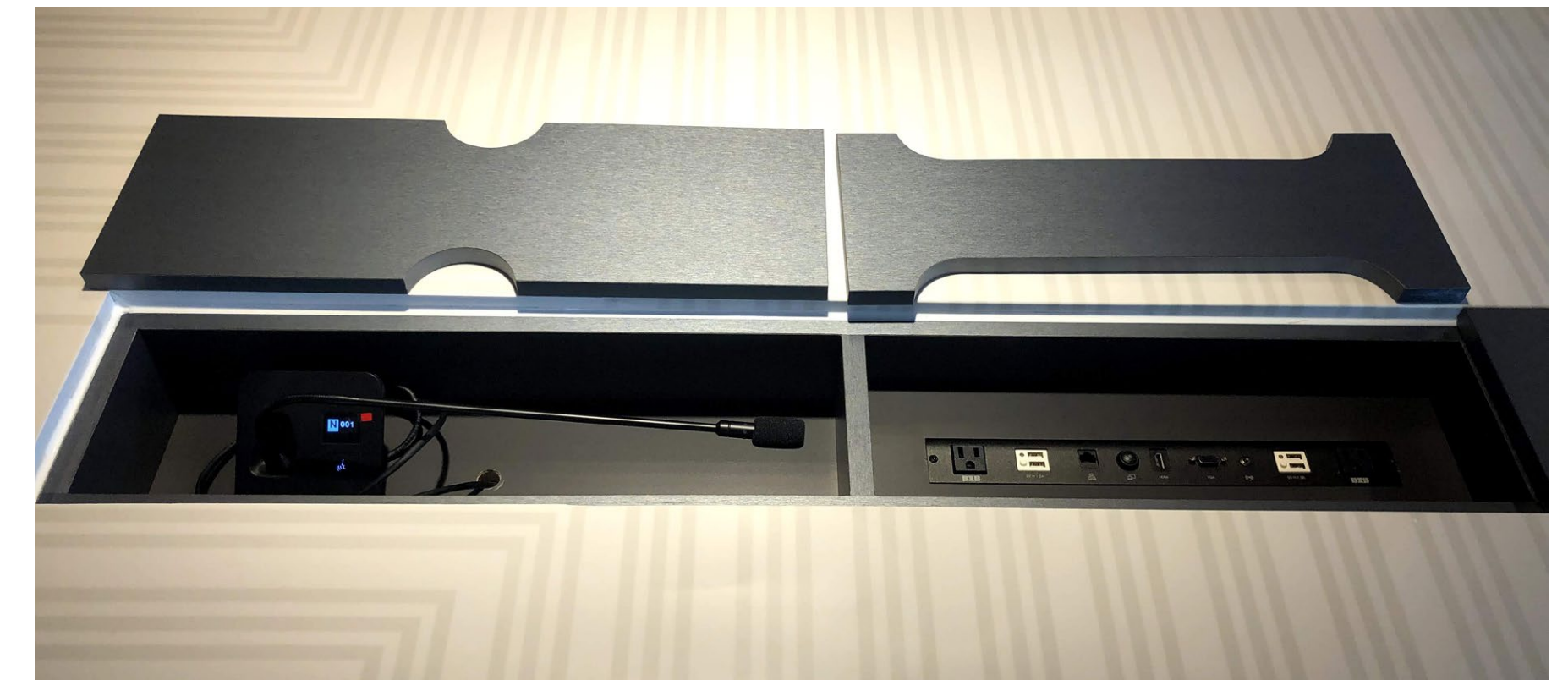
VDM-4010 / 4020 4K Over IP Matrix Encoder/Decoder

- Via 1Gb standard network, you can extend, switch, and split your AV sources, easily deploying 1-to-1, many-to-many, to hundreds of endpoints. The distance between two endpoints can reach 100M.
- Supports 4K2K UHD resolution. The signal transmission delivers lossless video without audio distortion.
- Cross-platform control via Web browser: intuitive drag-and-drop deployment, requiring no programming ability.
- IR & RS-232 bi-directional transmission: integrate with the central control system to control the power of transmitters and receivers.
- Applications: video wall, split screen display, KVM management, and more.

[Product Spec](#)

Successful Case– Darmaw Construction Co., Ltd.

A meeting room can be the first impression given to the guests. The decoration and equipped digital equipment of Darmaw's meeting room perfectly present the professional and reliable company image. It integrates 2 x 4 video wall, paperless conferencing, cloud meeting, wireless presentation, and video streaming. The digital solution makes Darmaw's digital transformation succeed, breaks the barriers of business communication, and creates an impressive "digital image".



Successful Case– Startup Terrace, Taiwan

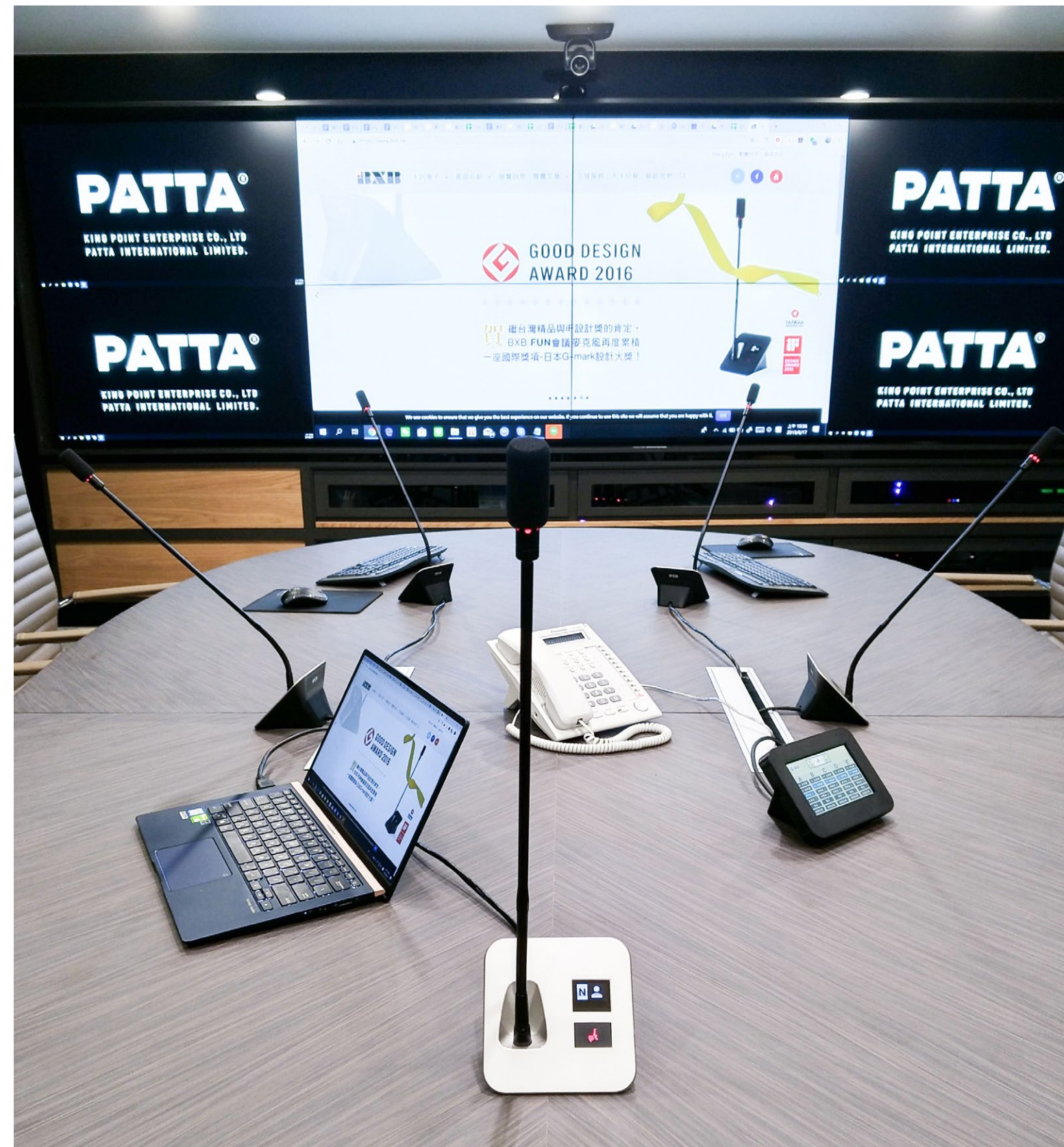
Startup Terrace is an important location where government officials and overseas guests normally visit. The room decoration and every A/V equipment needed is available there. It incredibly integrates video wall, lifting monitors, wireless presentation, video conferencing, recording, and live-streaming, which inspires higher engagement and efficient collaboration.



Successful Case– PATTA International Ltd.

There are two large-scale and medium-scale meeting rooms with video walls, featuring multi-display to enhance the meeting efficiency. The system is also integrated with BXB HDR-731 Streaming Media Processor, constructing a multi-functional meeting room for recording meetings and livestreaming training/seminars.

Know more about the case



Successful Case– National Sun Yat-sen University, Taiwan

- Break away from the linear teaching style: with one-click, students can cast the contents from their laptops to the large screen in the classroom. The teacher can switch to the screen of specific students in real-time. Working with annotation, the interaction and engagement can be further enhanced.
- Break the seat limit: students can easily carry out group discussion; the teacher freely walks around the classroom for giving feedback. Without fixed seats, it's more flexible to collaborate and interact.
- Smart image tracking: the AI camera can track the moving teacher and make him / her framed front and center. The students at the remote side can follow up the course all the time.
- Recording & live-streaming: captures the teaching and learning process and broadcasts online simultaneously.
- Comprehensive environment control: with a tablet, it's easy to control the power of the devices in the classroom with fingertips.

Watch the video of this case

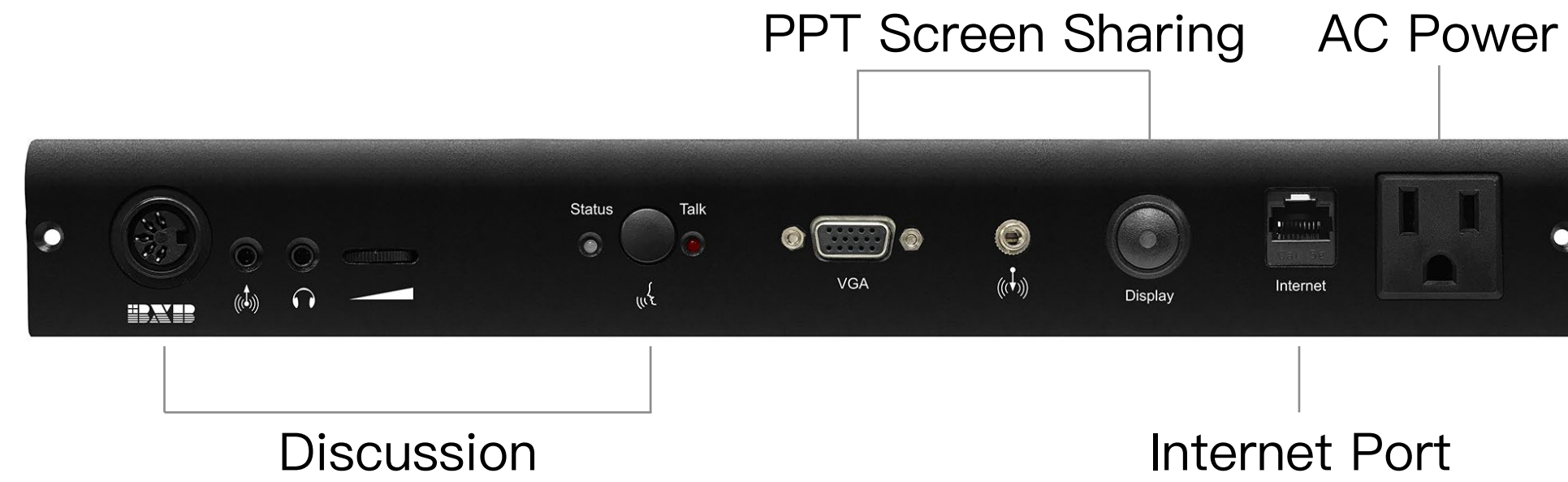


Customized Flush-mounted Panel

Integrate the functionality that you require



Combination 1



Combination 2



Combination 3



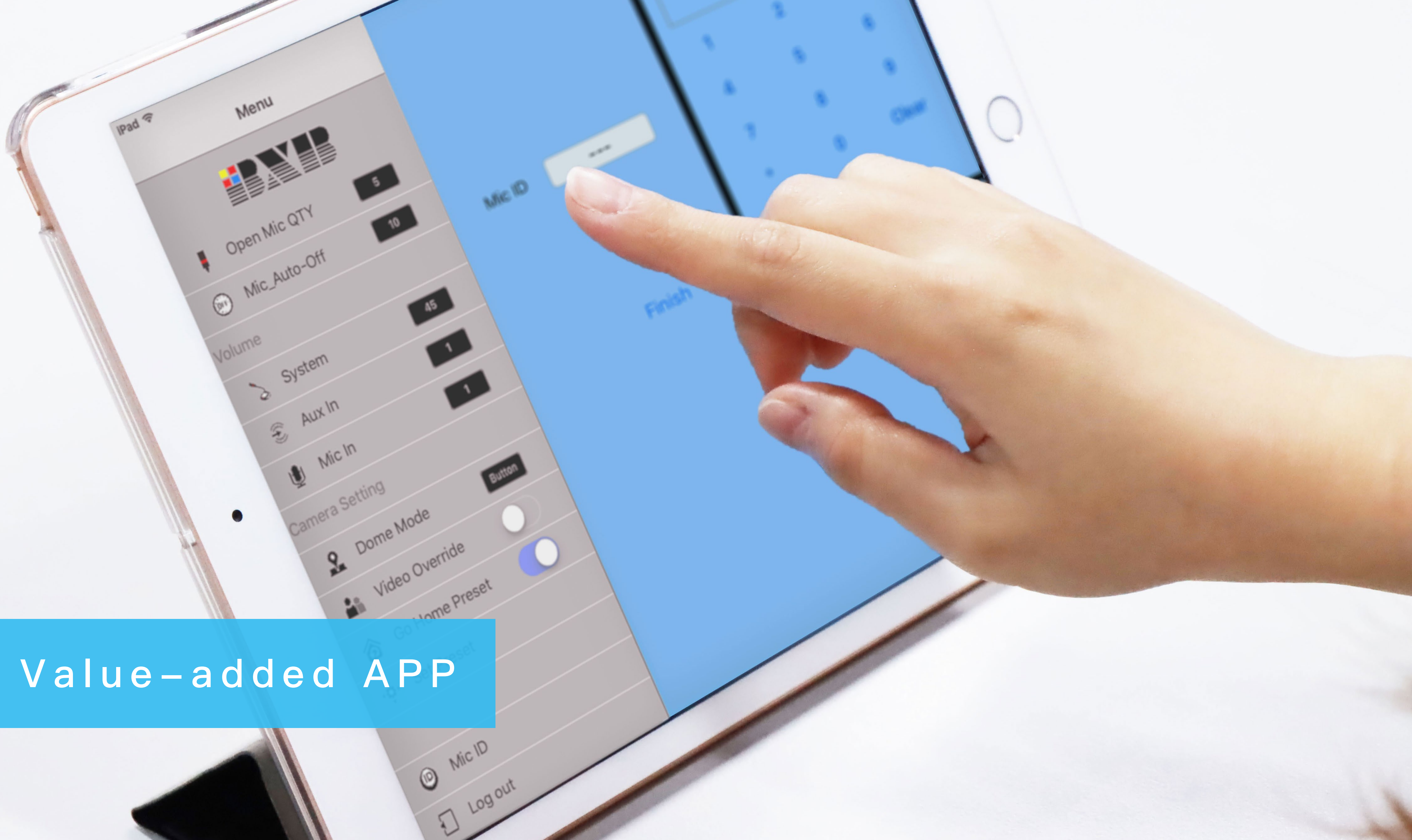




Graphical Control Software

Puts You in Total Control of Your Meeting

- **Configure before you start a meeting**
- **Make large meeting control be effortless at your fingertips**
- **Highly intuitive graphical UI, giving you easy control and operation**
- **Seamlessly manage every aspect of your meeting**
 - Seat assignment
 - Delegate database
 - Activate / deactivate microphones
 - Switch the waiting-to-speak delegates to ready-to-speak status
 - Speaking time limit
 - Voting and polling
 - Meeting agenda
 - Preset point of camera tracking
 - Volume adjustment of each microphone unit
 - Multi-screen switch / control
 - Software / firmware real-time update
 - Access control



Value-added APP

V

Value-added APP

Remotely Control the Meeting Order with Fingertips

- Manage remotely without moving back and forth to the control room.
- Cross-platform: giving you convenient configuration of the system from your computer or mobile device using a web browser.
- Accessible from a web browser on Mac, PC, and iOS and Android mobile devices.



A close-up, macro shot of a camera lens. The lens is composed of multiple concentric rings of glass elements, creating a complex, multi-layered appearance. The lighting is dramatic, with a strong blue tint on the left side and a warm, golden glow on the right side, highlighting the intricate details of the lens's internal structure. A semi-transparent blue rectangular box is overlaid on the left side of the image, containing white text.

Video Tracking System– Professional PTZ Cameras



Video Tracking System– Professional PTZ Cameras

Know the Present Speaker in Real-time, Keep the Meeting Focused

- Precise tracking & close-up as the speaker turns on the microphone
- Splendid high-definition image clearly presents every detail
- Smooth movement & accurate positioning captures every moment
- Excellent white balance and exposure control makes the image stable without distortion
- Remotely control the camera and video streaming via IP network
- Ideal for ceiling, desktop or tripod mounting with different purposes



Products



HDC-716 PTZ AI Tracking Camera

- Makes you look sharp and professional: Full HD 1080p video with 24x zoom (12x optical & 2x sensor zoom), precisely presenting every detail.
- Premium AI human detection: precisely detects and tracks the moving presenter in seconds and keeps him/her in center.
- Click & Track: with just a tap, you can quickly switch the shooting target easily via WEB UI or remote control.
- Tracking modes offered: Presenter Mode & Zone Mode.
- Intuitive WEB UI: remotely set the preset positions, tracking modes, human detection range, streaming modes, image flip, and other settings.
- Supports RTSP / RTMP protocols for broadcasting to various streaming platforms.

Product Spec



HDC-715 Professional PTZ Camera

- Crystal-clear Full HD 1080p 60fps video solution.
- 20X optical zoom with 16X digital zoom, presenting a precise and stable image.
- Equipped with 3G-SDI, HDMI, CVBS, Ethernet image outputs, transmitting uncompressed video signals.
- Supports PoE power supply.
- Remote control cameras via RS-232, RS485, and Ethernet with BXB software.
- Supports H.264 / H.265 / MJPEG streaming formats.
- Built-in image flip and mirror functions

Product Spec

Video Tracking device–AV Controller



HCK-700S Camera Control Keyboard

- RS-485 / RS-422 interface allowing long-distance communication.
- High brightness OLED display to show the configurations and operation status.
- Capability of controlling 4 cameras at the same time.
- Able to control the white balance, back light compensation, level of image sharpness, and more.
- 4D Joystick for Pan/Tilt/Zoom and focusing.
- Up to 255 preset modes to quickly capture the scenes in all environments.
- Supports Pelco D/P and VISCA protocols.



HDC-720 Network AV Controller

- Control and save the preset points of BXB PTZ cameras. Capability of setting up to 1011 points (conference unit x 1009 + HOME + panorama view) and the maximum of 16 cameras.
- Intuitive web interface: configure the system settings and monitor the camera's images on the web browser via a PC.
- Equipped with RS-232 port: connect with UFO-2050 and EDC-2051 Conference MCU to control the camera.
- Equipped with RS-485 port: connect with HCK-700s Camera Control Keyboard.
- Equipped with RJ45 port: connect with FCS-6350 Conference MCU to remotely control the camera over network.

[Product Spec](#)



Peripherals

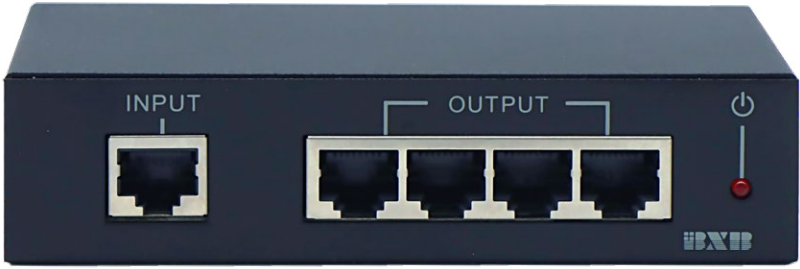
Peripherals



Cables

All series of BXB conference units apply standard CAT5E cables with STP and FTP shield. We also offer long cables with no RJ45 registered jack attached. You can cut the cable based on your demands.

Model Name	Length
CAT5E-4J	0.4M
CAT5E-10J	1M
CAT5E-20J	2M
CAT5E-25J	2.5M
CAT5E-30J	3M
CAT5E-50J	5M
CAT5E-100J	10M
CAT5E-200J	20M
CAT5E-1000	100M (without registered jack, please crimp the connector by yourself)
CAT5E-3050	305M (without registered jack, please crimp the connector by yourself)



Power Extenders Extension Power Supply (RJ45 to RJ45)

- Equipped with five RJ45 ports: output x 4; input x 1 for connection with conference units.
- Enable to supply up to 50 microphone units (max. 20 units in a single output).
- Circuit protection: prevents short circuit / overload / over voltage, ensuring the system stability.
- Built-in active PFC function: enhance the energy-conversion efficiency and decrease the damage to the device.
- Universal AC input / full range.

Product Spec

Peripherals– Audio



WS-4120 / WS-6130 / WS-8140 Waterproof Hi-Fi Column Speaker

- Offers 20W/30W/40W speaker types. You can switch the power based on your demand.
- Built in 4/6/8 woofers and 1 tweeter, presenting full-range and splendid speech intelligibility.
- Equipped with an aluminum alloy multi bracket for vertical wall-mounting with multiple angles.
- IP55 level of dust-proof and waterproof.

Product Spec



PAB-5240 240W Power Amplifier (100V-240V)

- Two channels model: 120W RMS/per channel. Adaptable with 4-8 Ohm loads; suitable for small to medium sized meeting rooms.
- Bridged mode 240W output for 70V or 100V loudspeakers.
- Power down after 15 minutes of no signal and comply with Energy Star Power consumption limits of < 0.5W in standby.
- Switch for High Pass Filter to reject the frequency below 80Hz, avoiding the damage to loudspeakers.
- Short circuit & overheating protection without fan.
- Optional accessory card slot for Dante receiver.

Product Spec



PA-5120P 120W Mixer power Amplifier

- Output: 120W (RMS).
- 8CH mixer & separate/ master volume control knobs.
- 1 set of base & tremble volume control knob.
- Speaker output terminal: 100V / 70V / 8Ω.
- Multi-groups of LED volume indicators.

Product Comparison



	Qcon	FCS-6300	UFO-2000	EDC-2000
Max. qty. of units per system	40	1009	1009	265
Operation modes	Normal/Chairman/Override/FIFO	Normal/Chairman/Override/FIFO	Normal/Chairman/Override/FIFO	Normal/Chairman/Override
Voting function	X	✓ (FCS-6315/6316、FCS-6323/6324)	X	X
AGC	X	✓	X	X
Voice activation (VOX)	✓	✓	X	X
Microphone auto-off time (seconds)	30 / 45 / no limit	10~99 / no limit	10~99 / no limit	30 / 45 / no limit
Open-mic quantity	1~10 / All	1~30 / All	1~30 / All	1~9 / All
Low voltage warning	✓ (FUN microphone)	✓ (FUN microphone)	X	X
Control interface	TCP/IP (bi-directional)	TCP/IP (bi-directional)	RS-232 (bi-directional)	RS-232 (unidirectional)
Graphical control software	Windows	Windows, Web GUI	Windows	X
Adjust each mic's volume	X	✓	X	X
Aux. audio source input	1 set	2 sets	1 set	X
Camera tracking with VOX mode	✓	✓	✓	Supports speaking button mode only

Successful Cases in Taiwan

BXB's meeting room solution can be extensively applied in government facilities, schools, enterprises, hospitals, hotels, convention centers, courts, and etc. We have successful cases in over a hundred countries around the world. Please visit the BXB website to check out more cases.



Ministry of Health and Welfare



National Taipei University of Education



Ministry of Civil Service



Central Weather Bureau



Executive Yuan



EMBA Center of National Sun Yat-sen University



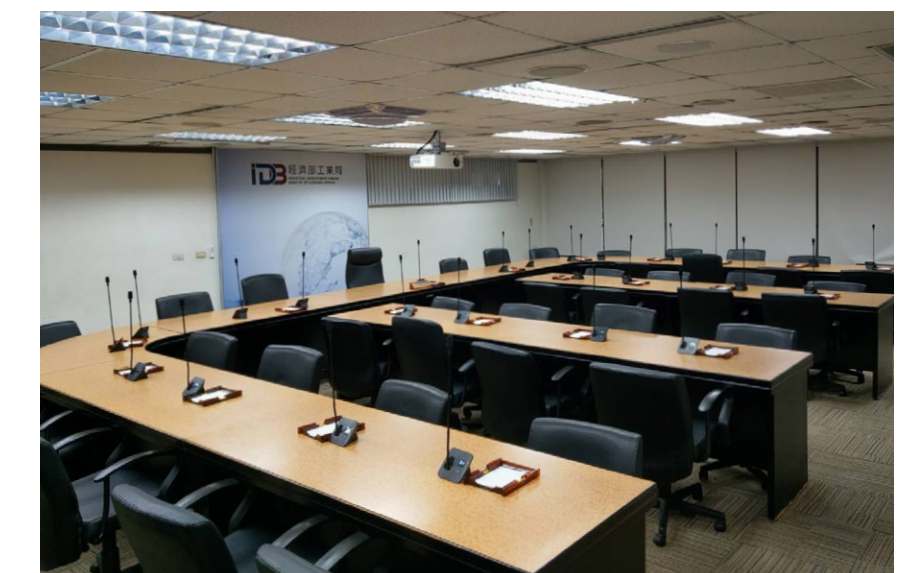
Central Emergency Operation Center of the Fire Bureau, Kaohsiung City



I-Shou University, Kaohsiung City



Darmaw Construction Co., Ltd.



Industrial Development Bureau, Ministry of Economic Affairs

Successful Cases Oversea

BXB's meeting room solution can be extensively applied in government facilities, schools, enterprises, hospitals, hotels, convention centers, courts, and etc. We have successful cases in over a hundred countries around the world. Please visit the BXB website to check out more cases.



Nauru National Conference Centre



Beijing Local Taxation Bureau Chaoyang Branch, China



Ferghana-Azot company, Uzbekistan



Department of Public Works and Highways – Ilocos Sur, Republic of the Philippines



Manisa Municipality Parliament, Turkey



URG INC., Korea



Hang Seng University of Hong Kong



Vinh Thinh Resort, Vietnam



Mawhiba organization, Saudi Arabia



Ministry of Petroleum & Natural Gas, India

More Cases in Taiwan

- President Office
- Ministry of National Defense
- Water Resources Office
- Hakka Affairs Council
- Ministry of Foreign Affairs
- National Immigration Agency
- Academia Sinica
- Taiwan Stock Exchange
- Intellectual Property Office
- CSBC Corporation
- China Airlines Engineering & Maintenance Organization
- Department of Rapid Transit Systems, Taipei City
- Tainan City Council
- National Taxation Bureau of Kaohsiung
- Economic Development Bureau, Kaohsiung City
- Hsinchu District Court
- Taoyuan International Airport
- Taichung Women's Prison
- Formosan Aboriginal Culture Village
- Administration Office of Alishan National Scenic Area
- Administration Office of Kenting National Park
- Southern Branch of the National Palace Museum
- National Library of Public Information
- Hsinchu City Fire Department
- National Taiwan University
- Taipei National University of the Arts
- Taipei American School
- National Cheng Kung University
- Chang Jung Christian University, Tainan
- Center for Buddhist Studies of Fo Guang University
- Fu Jen Catholic University
- National Kaohsiung University of Hospitality and Tourism
- Taiwan Power Company
- Taiwan Fertilizer Co., Ltd.
- CPC Corporation
- Mega International Commercial Bank
- CTBC Business School
- Uni-president Enterprises Corporation
- Chunghwa Telecom
- TSMC, Hsinchu Science Park
- Chi Mei Optoelectronics Corporation
- Inventec Corporation
- Taiwan Secom Co. , Ltd.
- Okuma Fishing Tackle Co., Ltd.
- E-Da Royal Hotel, Kaohsiung City
- Taipei Veterans General Hospital

[See more cases here](#)

More Cases Overseas

- LG Corporation, Korea
- Hyupsung University, Korea
- The Stock Exchange Co., of Yeouido, Korea
- Incheon Metropolitan City Government, Korean
- Kyongnam Bank of Busan, Korea
- Hong Kong Baptist University
- Hong Kong University of Science and Technology
- Standing Committee of the National People's Congress, Dali City, Yunnan Province, China
- Tangshan Municipal Public Security Bureau, China
- PLA Academy of Military Science, China
- Beijing Aerospace Institute, China
- The Headquarter of Sinotrans & CSC Holdings Co. Ltd., China
- Fushun City Government, China
- Hulunbuir Public Security Bureau, China
- The State Agency for Geology and Mineral Resources, the Kyrgyz Republic
- 3rd Elementary School, Urumqi, Xinjiang
- 4th Region Audit Department, Vietnam
- Thai Binh College of Education School, Vietnam
- Department of Social Welfare and Development, Republic of the Philippines
- Rajamangala University of Technology, Phra Nakhon, Thailand
- Geological Survey of India
- Assam Agricultural University, India
- Shri Mata Vaishno Devi Shrine Board, Jammu, India
- ILBS, New Delhi, India
- Poland City Government
- Supreme Audit Office, Poland
- COMU University, Turkey
- Agricultural State Enterprises, Turkey
- Audit Office of Medellín, Colombia
- South Pacific Diplomatic Allies Summit, Palau
- Chancellor Office, Democratic Republic of Timor-Leste
- Mari Petroleum Company, Pakistan
- Bonyad Shahid, Iran
- The Ministry of Education, Saudi Arabia
- Mawhiba Educational Organization, Saudi Arabia
- Murtala Muhammed Airport², Nigeria
- Imo State Government, Nigeria
- The Ministry of Social Affairs of Tunisia

[See more cases here](#)

Established in 1991, BXB Electronics specializes in Networked Audio & Video systems and offers conferencing, video streaming, and PA solutions that can be extensively applied to smart meeting room, smart campus, and smart workplace.

BXB sticks to innovation enhancement and to be the most reliable partner of the global enterprises. Promoting the brand name BXB to all over the world, we are proud that BXB has held the highest market share in Taiwan and our installation performances have reached more than 100 countries of the world.

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Tel: +886 7 9703838

Available for meeting room reservation

To learn more about our solutions, please visit our website or send an email to us.

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