FCS-6300 Full-function Conference System

Introducing the BXB FCS-6300 Conference System, embracing the new era of the internet with its highly integrated and intelligent features. This smart conference system surpasses expectations by incorporating IoT (Internet of Things) and cloud data storage technology, injecting intelligence into various aspects of conference management to meet diverse needs in different meeting scenarios. Achieve easy mobile control and effortlessly manage every important meeting, providing an unprecedented conference experience. The conference host features an RS-232 digital interconnect output interface and four RJ-45 ports for seamless integration of multiple devices. It supports up to 1009 sets of conference microphones, allowing flexible configuration of microphone IDs and main/attendee identities, making it suitable for large-scale international conferences. With a USB interface, it offers a plug-and-play experience for enhanced meeting efficiency.



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FCS-6350-S Digital Conference System Unit

- **Flexible Control**: Through the Web UI conference control interface accessible via a web browser, users can perform comprehensive meeting management and control, enhancing the flexibility of meeting operations.
- **Instant Recording**: Once recording is initiated, all meeting speeches are automatically captured, with files available for online playback and download.
- **High Scalability**: The host can be supplemented with the BXB co nference power supply, EPS-C084, expanding up to 1009 conference microphones, suitable for anything from small meeting rooms to large international conference halls.
- **Enhanced Meeting Stability**: Features dual RJ-45 conference microphone ports and an independent circuit protection device, ensuring the host operates safely and stably under various conditions, effectively reducing the risk of disconnections and failures.
- **Customizable Settings**: Digital encoding technology allows for the customization of each conference microphone's digital ID code and the primary attendance identity through the web, enhancing meeting management efficiency. Microphone settings can be exported and imported instantly for future system restoration.
- **Versatile Speaking Control Functions**: Includes voice-activated start/stop functions and multiple speaking management modes (General/Chairperson/Rotational Dominance/Queue), allowing different speaking permissions to be set based on the use case to meet diverse meeting requirements.



FCS-6350-S Digital Conference System Unit

- **Highly Integrated Communications**: Supports TCP/IP protocols and seamlessly integrates ONVIF standard IP cameras. Also includes an RS-485 digital interface, supporting VISCA and Pelco-D communication protocols for PTZ cameras, enabling real-time tracking of speakers, enhancing meeting interactivity, and enriching and precision recording of meetings. Moreover, the host can integrate with environmental control systems for efficient interconnected control.
- **Two audio file storage methods**: Built-in 20 GB storage space and plug-and-play USB interface, can be connected to storage devices such as flash drives, convenient for transferring meeting recordings.
- **Easy Maintenance**: Utilizes universally available Cat-5e networking cables, simplifying future maintenance.

Product Specifications	
Frequency Response	200 Hz ~ 20000 Hz
Output Impedance	≦ 34Ω
Signal Level	MAX 4 Vrms
Signal-to-Noise Ratio	≧ 70 dB
Total Harmonic Distortion	0.1%

Product Specifications	
Dimensions (WHD)	238 x 26 x 200 mm
Weight	1046 g
Power Supply Unit	DC 24V ; 5A MAX
Total Power Consumption	120 W
Built-in memory capacity	20 GB



FCS-6350 Conference Main Control Unit

- Large LCD display (128 x 64 pixels) clearly shows the system testing status, the quantity of connected microphone units, the operation modes, and the volume.
- A single control unit can power up to 50 microphone units. With BXB's EPS-C083-C Extension Power Supply, it supports the control of 1009 units.
- Equipped with digital coding. Each unit's ID number and the identity of chairman / delegate can be easily changed based on the demand.
- TCP / IP protocol control via wired or wireless network using a PC or mobile device.
- BXB's authorized web-based UI allows microphone control and system configurations via a tablet or smart phone.
- Plug-and-play USB connector for music playback or recording.
- Equipped with four RJ45 ports. Each port possesses circuit protection mechanism to make the system safer and more stable.
- Equipped with a RS-232 connector for external environmental control equipment.
- Using standard shielded Cat-5e cabling to ease the maintenance.

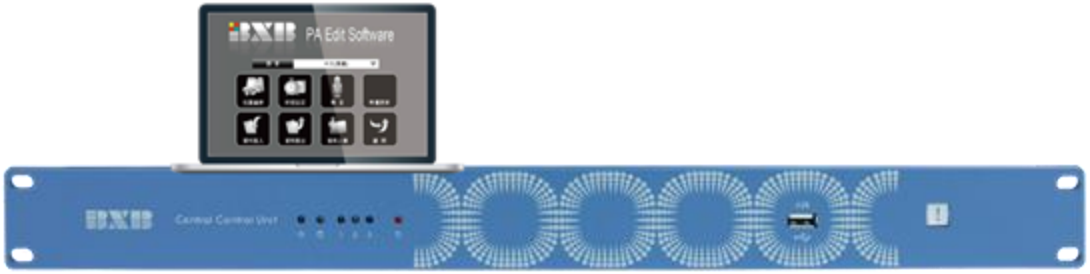


FCS-6350 Conference Main Control Unit

Hardware Specifications	
Frequency Response	50HZ ~ 16KHZ (±1dBV)
THD	≦ 0.1%
S/N Ratio	≧ 85dBV
TCP/IP Control	10Mbps Ethernet

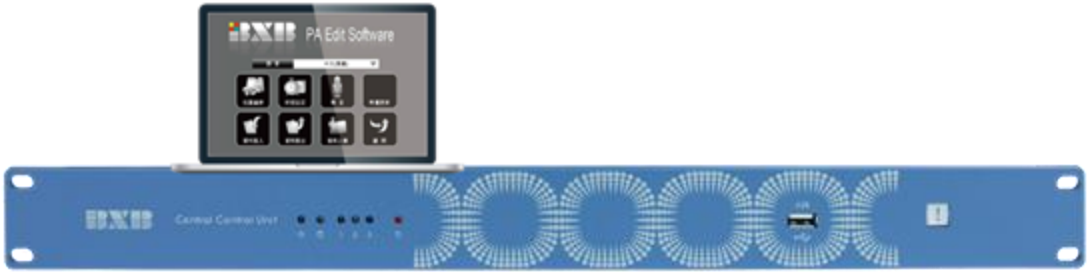
Physical Properties	
Dimensions (WHD)	483 x 88 x 275 mm
Weight	3.5kg

Power Supply	
Power	DC 18 ~ 24V
Power Adapter	24V；5A (with fan)



FCS-6380 Control Software CCU

- Meeting control and settings: meeting modes, voting, recording, open mic qty, sound activation setting, camera preset point, and multi-screen switch/control.
- Mobile control: via TCP/IP control, you can use mobile devices such as smartphones/tablets for conferencing control and management. Web-browser management platform is also provided.
- Freely set the microphone ID and attendee identity: based on the microphone position and meeting purposes, you can change the microphone's ID and identity anytime. It enhances the efficacy of meeting registration and camera point preset-ting.
- Microphone auto-off: set the auto-off time from 10-99 seconds to avoid attendees forgetting turning off the micro-phone.
- Adjust each microphone 's volume: adjust the volume of each microphone based on the speaking volume of the used attendee to keep the volume output consistent during the meeting.
- Equipped with a service button: press the button when the system has unusual conditions, the system would transmit the information about the user and system's condition back to BXB's headquarter. It efficiently realizes remote troubleshoot-ing.

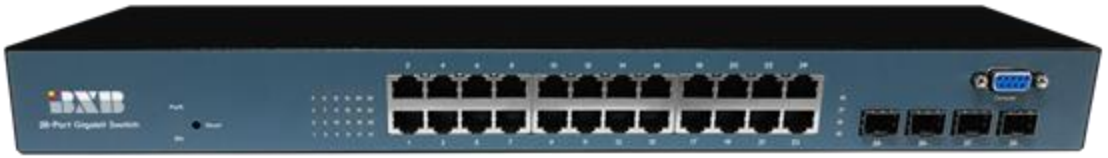


FCS-6380 Control Software CCU

Hardware Specifications	
Power Control	Power button x 1
Power Connection	DC12/7A MAX connector x 1
RS-232	DIN-9PIN connector x 2
USB	USB 2.0 x 3 & USB 3.0 x 4
Internet	RJ-45 TCP/IP connector x 2
Video Output	HDMI OUT x 2
Audio Interface	LINE OUT x 1 LINE IN x 1 MIC IN x 1
Status Indication	Indicator x 6
Abnormal Report	Service button x 1

Physical Properties	
Unit Size (H*W*D)	44 x 431 x 205 mm
Cabinet 19”	1U
Weight	3 kg (power supply not included)
Temperature for Storage	-20° ~ 80°C
Operating Tempera-ture	0° ~ 45°C

Power Supply	
External Power Supply	DC 12V 7A MAX
Voltage/Frequency	110 / 220V
Total Power of Power Supply	84 W
Weight of Power Supply	0.5 kg (power cord not included)



GS-2804-D 28-Port Gigabit Switch

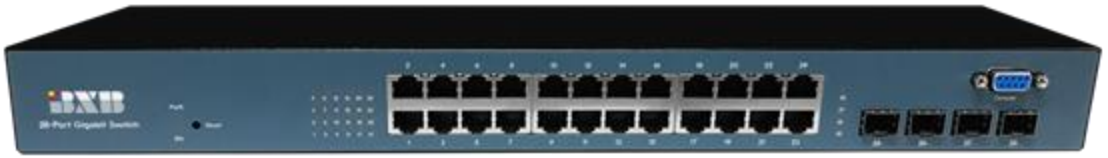
- Ports:

  A. 10/100/100 Mbps RJ45 NWay ports: 24 ports

  B. SFP 100/100 Mbps ports: 4 ports

  C. DB9 Console port: 1 port

  D. Reset to default setting button: 1 set
- Support MDI / MDI-X auto-crossmatching
- Meet Ethernet standards: IEEE802.3,802.3u, 802.3ab
- Support IEEE802.3x network traffic control
- Support IGMP Snooping v2 / v3
- Support QoS: CoS, DSCP, CoS-DSCP, IP Precedence
- Support eight queues handling SP and WRR
- Support Jumbo Frame: 1518~10K Bytes
- Support eight Link Aggregation Groups with Static & LACP types
- Support SNMP & Syslog



GS-1002P-V2 8Port POE + Gigabit Switch

- Provide & manage the power of PTZ cameras, IP phones, 11ac wireless AP, IP surveillance, and other powered devices, offering a quick and cost-effective POE network solution for enterprises, hotels, education, and smart building.
- 8 sets of 10/100/1000 Mbps RJ45 copper ports complied with IEEE 802.3at POE, end-span PSE.
- Remote power feeding up to 100M in standard mode.
- Supports SFP auto-detection and dual speed. The distance can be extended from 550M to 2KM (multi-mode fiber) and up to 10/20/30/40/50/70/120KM (single-mode/WDM fiber), easily realizing ultra-long distance transmission.
- POE management via Web-based interface: remotely check and control POE power budget, POE port function, power feeding priority, POE schedule, per POE port power limitation, 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 network.



GS-1002P-V2 8Port POE + Gigabit Switch

Layer 2 Functions	
Port Mirroring	TX/RX/both; Many-to-1 monitor
VLAN	IEEE 802.1Q tagged-based VLAN IEEE 802.1ad Q-in-Q tunneling Voice VLAN, Protocol VLAN, Private VLAN (Protected port) GVRP Up to 256 VLAN groups, out of 4094 VLAN IDs
Link Aggregation	IEEE 802.3ad LACP / static trunk Supports1 trunk groups with 2 ports per trunk
Spanning Tree Protocol	STP，IEEE 802.1D RSTP，IEEE 802.1w MSTP，IEEE 802.1s
IGMP Snooping	IGMP (v2/v3) Snooping, IGMP Querier, Up to 256 multicast groups
MLD Snooping	MLD (v1/v2) snooping, up to 256 multicast groups

Layer 2 Functions	
Access Control List	IPv4/IPv6 IP-based ACL/MAC-based ACL
QoS	8 mapping ID to 8 level priority queues: - Port number - 802.1p priority - 802.1Q VLAN tag - DSCP field in IP packet Traffic classification based, strict priority & WRR
Security	IEEE 80.21X port-based authentication RADIUS/TACACS+ user access authentication Built-in RADIUS client to co-operate with RADIUS server IP-MAC port binding & MAC filtering & static MAC address DHCP snooping & DHCP Option82 STP BPDU guard, BPDU filtering and BPDU forwarding DoS attack prevention ARP inspection IP source guard



GS-1002P-V2 8Port POE + Gigabit Switch

Power over Ethernet	
PoE Standard	IEEE 802.3af/802.3at PoE/PSE
PoE Power Supply Type	End-span
PoE Power Output	Per port 56V DC, 30W (max.)
Power Pin Assignment	1/2(-), 3/6(+)
PoE Power Budget	140W (max.) @25°C; 120W (max.) @50°C
PoE Ability PD@9W	8 units
PoE Ability PD@15W	8 units
PoE Ability PD@30W	5 units

Physical Properties	
Dimensions (WDH)	280 x 180 x 44 mm (1U height)
Weight	1.6 kg
Material	Metal
Operation Temperature	0 ~ 50°C
Storage Temperature	-20 ~ 70°C
Relative Humidity	5 ~ 95% (non-condensing)



GS-1002P-V2 8Port POE + Gigabit Switch

Hardware Specifications	
Copper Port	8x10/100/1000Base-T RJ45 auto-MDI/MDI-X port
SFP/mini-GBIC	2x100/1000Base-X SFP interface Supports 100/1000Mbps dual mode and DDM
POE Port	8 ports with 802.3at/af standard
Console	1 x RS-232-to-RJ45 serial port (115200, 8, N, 1)
Switch Architecture	Store-and-Forward
Switch Fabric	20Gpbs/non-blocking
Switch Throughput@64Bytes	14.88 Mpps
Address Table	8K entries

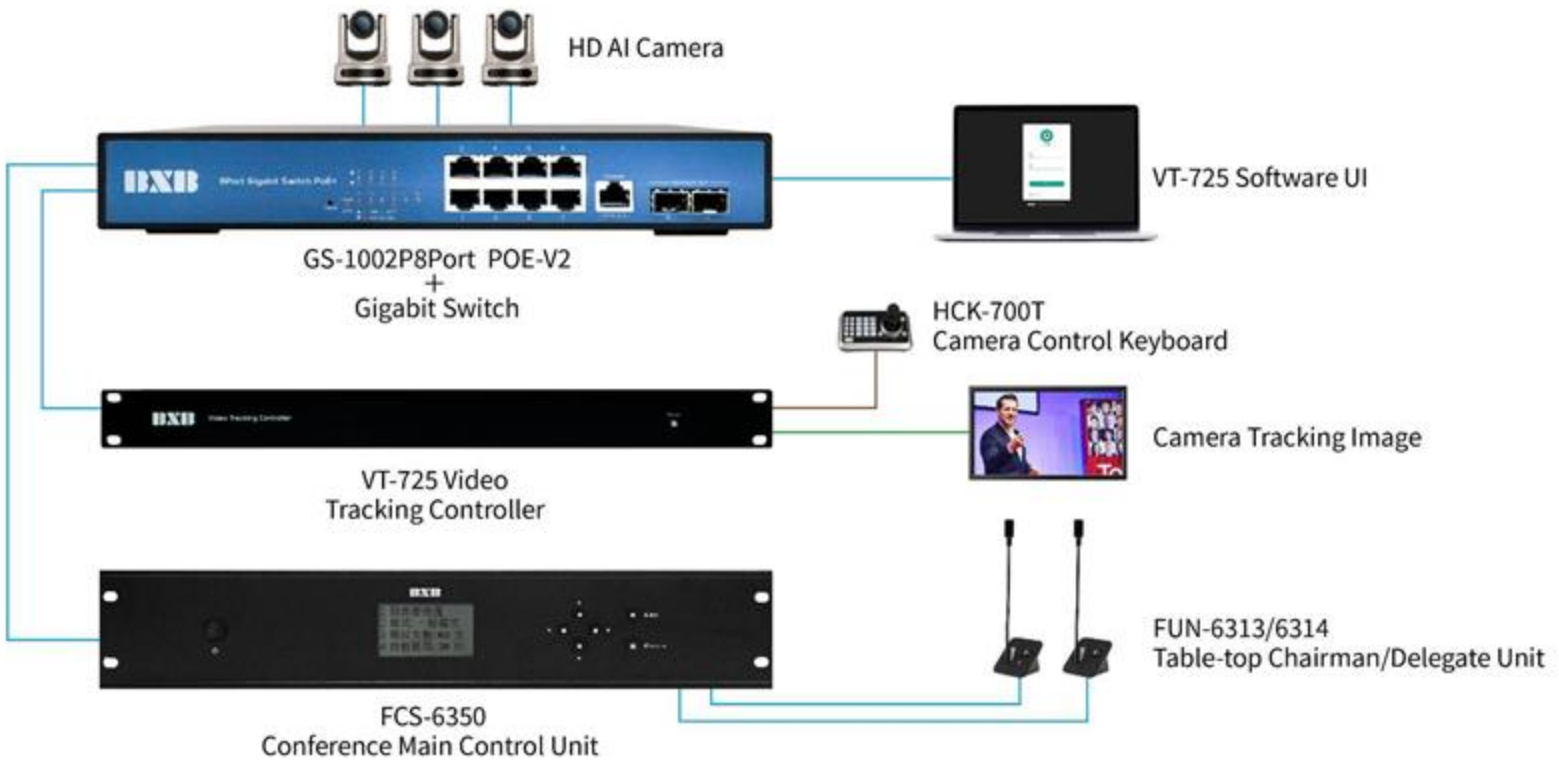
Hardware Specifications	
Shared Data Buffer	4.1 MB
Flow Control	IEEE 802.3x pause frame for full-duplex
Jumbo Frame	10K bytes
Reset Button	<5 sec: system reboot; >5 sec: factory default
LED ESD Protection	PWR, LNK/ACT, PoE-in-use, 1000, fan alert Contact discharge 4V DC; Air discharge 8KV DC



TAIWAN EXCELLENCE 2025

VT-725 Video Tracking Controller

- **Easy control and setup**: Effortlessly configure the BXB HAC-701 and UAC-801 cameras, adjusting default positions, Zoom in/out, movement speed, and other functions.
- **Support for up to 1011 physical pre-set points**: This includes 1009 conference microphones and 2 HOME points, catering to various venue sizes and requirements.
- **Unlimited virtual positioning points**: Without the need for conference mic linkage, in open seating areas within the venue, an unlimited number of screen tracking points can be preset.
- **Precise multi-camera control**: Manage up to 16 cameras to capture multiple areas at once.
- **Automatic scenario switching**: When there is no one speaking, the system can automatically switch the screen back to panoramic or a designated view (e.g., chairman's view). If someone forgets to turn off the microphone after speaking, the system will automatically switch to the specified view when the last microphone is closed, avoiding screen occupation, reducing communication barriers, and enhancing meeting efficiency.
- **Simple web page control**: Easily configure and monitor camera screens through a PC or tablet without the need to download additional driver software.
- **Seamless integration with multiple interfaces**: Connect to various conference hosts using RS-232, link to camera control panels with RS-485, and interconnect with multiple devices through RJ-45 network communication via network switches.
- **High-Definition HDMI Output**: Output the IP camera's video at 1920*1080 resolution.


HD AI Camera
VT-725 Software UI
GS-1002P8Port POE-V2
+
Gigabit Switch
HCK-700T
Camera Control Keyboard
VT-725 Video
Tracking Controller
Camera Tracking Image
FUN-6313/6314
Table-top Chairman/Delegate Unit
FCS-6350
Conference Main Control Unit
CAT.6
HDMI
RS-485



TAIWAN EXCELLENCE 2025

VT-725 Video Tracking Controller

Hardware Specifications

HDMI Input	Power button x 1
HDMI Output	DC12/7A MAX connector x 1
Audio Output	DIN-9PIN connector x 2
Power Button	USB 2.0 x 3 & USB 3.0 x 4
TCP/IP Connection	RJ-45 TCP/IP connector x 2
RS-232 Control	HDMI OUT x 2
RS-485 Control	LINE OUT x 1 LINE IN x 1 MIC IN x 1
USB Port	Indicator x 6
Power Input	Service button x 1

Physical Properties

Unit Size (H*W*D)	44 x 431 x 205 mm
Cabinet 19”	1U
Weight	3 kg (power supply not included)
Temperature for Storage	-20° ~ 80°C
Operating Tempera-ture	0° ~ 45°C

Power Supply

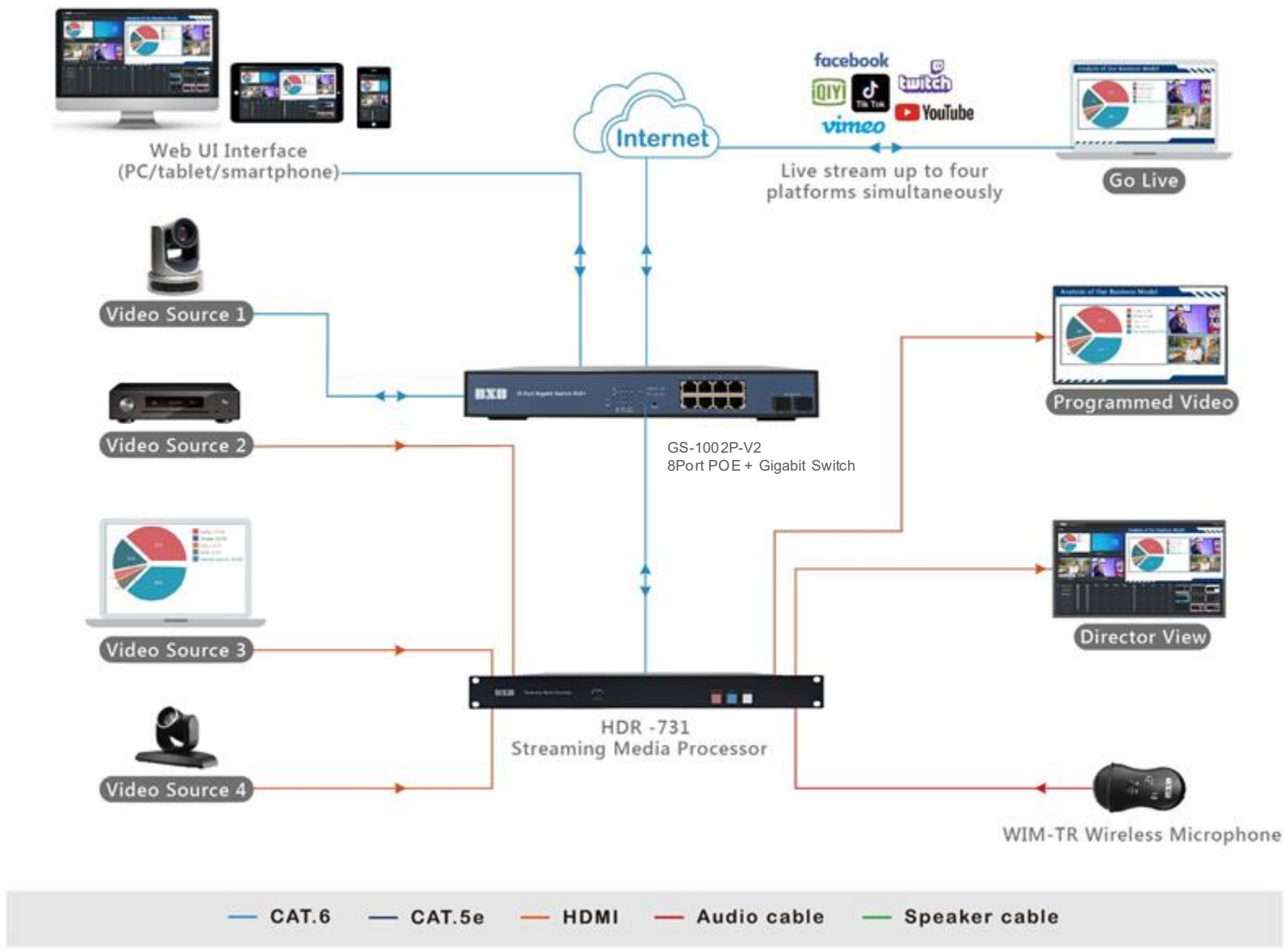
External Power Supply	DC 12V 7A MAX
Voltage/Frequency	110 / 220V
Total Power of Power Supply	84 W
Weight of Power Supply	0.5 kg (power cord not included)



TAIWAN EXCELLENCE 2020

HDR-731 Streaming Media Processor

- 4-CH FHD 1080P60 video inputs as the video sources for IP streaming.
- 2-CH HDMI outputs: for Director View or PGM (programmed video) view.
- 4-CH input video & PGM recording, completely preserving your audiovisual data.
- Director interface for live-streaming, recording, snapshot, volume bar, PGM preview, HDMI 1~4 input source switch, 9 layout switch, and camera control & preset point setting. Available with keyboard & mouse integration for easy operation.
- Supports RTMP, HLS, and RTSP protocols for broadcasting videos online. You can live-
- stream to any four platforms simultaneously.
- Web UI with powerful functions including video source control / switch, video playback, file saving & backup, live-streaming & recording setting, firmware update, and more.
- Self-defined PGM layout: set text color / size and limitless overlay images, add local time, set background color, partially cut the image of video source, and more.
- HDMI or analog stereo for 4-CH audio input: the audio sources can be mixed and the
- volume of each source can be adjusted individually.
- Scheduling: preset the time for recording, streaming, and back-up.
- Supports the export / import of layouts and configuration files, no reset required.
- Built-in 1TB hard drive. You can save files via USB hard disk or NAS and FTP.


Web UI Interface
(PC/tablet/smartphone)
Internet
facebook
YouTube
vimeo
Live stream up to four
platforms simultaneously
Go Live
Video Source 1
Video Source 2
Video Source 3
Video Source 4
GS-1002P-V2
8Port POE + Gigabit Switch
Programmed Video
Director View
HDR -731
Streaming Media Processor
WIM-TR Wireless Microphone
CAT.6
CAT.5e
HDMI
Audio cable
Speaker cable



TAIWAN EXCELLENCE 2020

HDR-731 Streaming Media Processor

Hardware Specifications

HDMI Input	Type-A x 4
HDMI Output	Type-A x 2
Audio Inputs	3.5mm x 4
Audio Output	3.5mm x 1
Power Button	Rocker switch x 1
TCP/IP	RJ45 x 1
RS-232 Control	Euro type terminal block 3P x 1
RS-485 Control	Euro type terminal block 3P x 1

Hardware Specifications

USB for Hard Disk	Type-A (3.0) x 1
USB for Keyboard & Mouse	Type-A (2.0) x 2
Capacity	1TB

Power Supply

External Power Supply	DC 12V / 3.34A
AC Input Power Consumption	AC 100~240V / 50~60Hz 40W

Physical Properties

Dimensions (HWD)	44 x 483 x 205mm (including rack shelf) 44 x 483 x 205mm (not including rack shelf)
Rack Mount 19"	1U
Weight	2.43 kg
Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 60°C
Relative Humidity	0 ~ 80% non-condensing
Material	Metal



PSC-801 Power Sequencer Controller

- Diverse Power Interfaces: Equipped with 8 controllable universal power outlets and 8 backlit buttons on the front panel, allowing easy power control. Additionally, it features 1 universal socket and 2 USB power output ports for regular power supply.
- Customizable Switching Sequence: Each socket can be set with a delay time of 1 to 999 seconds, executing sequential or alternate switching based on usage needs.
- Precise Timing Controls: Each socket supports scheduled timing switches, accommodating up to ten pre-scheduled timeframes.
- Full-Color Touchscreen Display: The 2.2-inch TFT-LCD touchscreen displays the current time, voltage values, and related settings. The front panel's rotary knob allows easy configuration of sequential switch seconds, scheduled timing switches, and other functions, providing precise control.
- Flexible Expansion with Various Ports: Equipped with RS-232 or RS-485 and I/O control interfaces, and featuring independent serial input/output ports, it can connect with up to 255 controllers.
- Integration with Various Control Devices: With multiple power switch controls and diverse ports, it integrates seamlessly with conference, broadcast, and other device systems for environmental control.
- Comprehensive Protection for Safety and Reliability: Automatically shuts off power in case of excessively high or low voltage, effectively preventing damage caused by voltage instability, ensuring the safety and reliability of your equipment and user experience.
- Seamless Integration for Remote Control: Equipped with remote control trigger control points for external connection to other devices for remote control. In case of a short circuit, the power supply will automatically open sequentially, while in case of an open circuit, it will sequentially close in the opposite direction, enhancing system integration convenience.



PSC-801 Power Sequencer Controller

Power Control	
Input Power	AC 100~240 50-60Hz
Total Output Load	36A
Single Circuit Load	10A

Physical Dimensions	
Dimensions (WDH)	482 x 45 x 223 mm



UAC-801 4K AI Camera

- 4K/60fps ultra-clear image: utilizing a 10nm low-power SOC processor platform and a 1/2.5-inch 8.51 million-pixel CMOS sensor chip, delivering stable visuals and capturing details in presentation slides, classroom whiteboards, and more.
- 12x optical zoom, 16x digital zoom, and an industry-leading 80.8° ultra-wide horizontal field of view, capturing detailed scenes even in large distant areas.
- 3D digital noise reduction: even in low light and backlit conditions, it maintains vivid and distortion-free image performance.
- Equipped with HDMI 2.0, 3G-SDI, USB 3.0, and 1Gbps LAN ports, seamlessly catering to various scenarios like live-streaming, remote teaching, and worship.
- Advanced AI tracking: automatically identifies and follows speakers in real-time, ensuring perfect centering despite external interferences or obstructions.
- 225 preset points: easily capture presenters with pre-configured angles during meetings, allowing both local and remote participants to focus on the speaker.
- Flexible installation: you can place it on a table, mount it on a tripod, or wall-mount it. With a built-in gravity sensor, it automatically detects installation orientation and performs vertical flipping, no need of manual adjustments.
- Intuitive WEB UI: remote control and monitoring via RS-232/485/Ethernet enable easy adjustment of tracking presets, streaming modes, image rotation/mirroring, and more.
- PoE power supply: control, power, video, and audio transmission via a single cable.



UAC-801 4K AI Camera

Camera & Interfaces

Video System	4K : 60 / 50 / 30 / 25 1080p : 60 / 50 / 30 / 25 1080i : 60 / 50 720p : 60 / 50
Image Sensor	1/2.5" CMOS; 851K effective pixels
Optical Zoom	12x, f3.47mm~41.65mm, F1.84~F3.72
Digital Zoom	16x
Min. Illumination	0.5Lux@(F1.8, AGC ON)
Shutter	1/30s~1/10000s
White Balance	Auto, indoor, outdoor, one-push, manual, specified color temperature
Backlight	YES

Camera & Interfaces

Digital Noise Reduction	3D
Video S/N	≥55dB
Horizontal Angle	80.8° ~ 7.5°
Vertical Angle	48.9° ~ 4.3°
Horizontal Rotation Range	±162.5°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.8° ~ 80°/s
Tilt Speed Range	1.5° ~ 49°/s
H&V Flip	YES
Image Freeze	YES
Preset Points	255
Preset Accuracy	0.1°

USB Feature

Operate System	Windows 7/8/10/11, Mac OS X, Linux (UVC required)
Color System	YUY2/H.264/MJPEG/H.265
Video Format	YUY2: Max 1080P@30fps
Audio on USB	YES
Video Communication Protocol	UVC 1.1, UVC 1.5
UVC PTZ control	YES



UAC-801 4K AI Camera

IPC Feature

Video Compression	H.264 / H.265 / MJPEG
Video Stream	2
Main Stream Resolution	3840x2160 / 1920x1080 / 1280x720 / 1024x576 / 720x480 / 720x408 / 640x480 / 640x360
Sub Stream Resolution	720x480 / 720x408 / 640x480 / 640x360 / 480x320 / 320x240
Video Bit Rate	32 Kbps ~ 51200 Kbps; CH2: 32 kbps ~ 20480 kbps
Bit Rate Type	Variable/Fixed
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps

IPC Feature

Audio Compression	AAC、G711A
Audio Bit Rate	96 Kbps, 128 Kbps
Support Protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

USB Feature

USB Interface	USB 3.0 x 1 (Type-C)
HD output	HDMI 2.0 x 1 / 3G-SDI x 1
Network Interface	RJ-45 x 1: 10M / 100M / 1000M Ethernet, POE supported
Audio Interface	Line In (3.5mm) x 1
Control Interface	RS-232 x 2/RS-485 x 1

Physical Property

Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Dimensions	223 x 154.8 x 165 mm
Net Weight	1.8 kg
Input Voltage	DC 12V / PoE
Input Current	2.0A
Power Consumption	18W (max.)

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



TAIWAN EXCELLENCE 2015

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

- With built-in voting interface with five buttons in the lid. It can operate with BXB's graphical control software to do voting function.
- Equipped with built-in 2.5" x 1.5" HI FI speaker. When the microphone is on, the loudspeaker would be auto-off to avoid sound feedback.
- Equipped with DSP chip: sensitivity adjustment for each microphone.
- Equipped with 2 x 24 digit LCD display to show operation modes and speaking statuses.
- Equipped with digital coding. Each unit's ID number and the identity of chairman/delegate can be set by main control unit or graphical software directly.
- Equipped with Ø3.5mm plug x 2 for connecting recording equipment and earphone.
- Available length of pluggable gooseneck microphone: 32/43/48/56 (cm). Adaptable with different meeting environments.

Hardware Specifications	
Connector	RJ-45 x 1
Earphone Port	3.5Ø Stereo x 1
Recording Port	3.5Ø Stereo x 1
Frequency Response	100Hz~16KHz
T.H.D	≦ 0.5%
S/N Ratio	58dB
Sensitivity	-47±3dB

Hardware Specifications	
Dimensions (W x H x D)	170 x 50 x 132 mm
Weight	877g (not including gooseneck mic)
Top Material	ABS
Base Material	Zinc-aluminum alloy diecast & anti-slip mat
Voltage	DC 12~24V (supplied by FCS - 6350 MCU)

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



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

- Extruded aluminum panel design that can be easily mixed with conferencing table.
- Equipped with DSP chip, AGC, and sensitivity adjustment for each microphone.
- 2 x Ø 3.5mm audio out connectors: one for headphone (volume adjustable); one for connecting with recording equipment.
- There’s no limitation of chairman unit's quantity. You can also randomly put the chairman unit with any sequence.
- Microphone auto-off as 10-99 seconds after the speaker finish speaking.
- Goosenck microphone with LED indicator light. Length offered: 32/43/48/56 (cm).
- Adaptable with different meeting environments.

Hardware Specifications	
Frequency Response	100HZ ~ 16KHZ
Sensitivity	≧-50dB
T.H.D	≦0.1%
S/N Ratio	≧70dB
AGC	-45 ~ 0dB
Communication Port	RJ-45 x 2 , RJ-11 x 1
Earphone Port	3.5Ø Stereo x 1
Recording Port	3.5Ø Stereo x 1

Hardware Specifications	
Unit Dimension (WHD)	170 x 43 × 82 mm
Weight	346g (not including gooseneck mic)
Material	Galvanized steel
Mounting Hole (WHD)	142 x 33 x 132 mm
Voltage	DC 12V~18V (supplied by FCS-6350 MCU)

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



TAIWAN EXCELLENCE 2015

GOOD DESIGN AWARD 2016

DESIGN AWARD 2016

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

- Ingenious design ensures the steady base preventing from moving or scratching against the table.
- OLED display: clearly shows the operation modes and microphone 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 to represent different operation modes: able to speak / speaking / override / FIFO.
- Equipped with DSP chip, AGC, and sensitivity adjustment for enhancing the audio quality.
- Equipped with digital coding. Each unit’s ID number and the identity of chairman / vice-chairman / delegate can be instantly set by the FCS-6350 main control unit or BXB graphical software.
- Chairman unit has the highest priority to speak and control delegate units as instant OFF, permanent OFF, and temporary OFF. In the meantime, all the speaking delegates would be muted.
- 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.
- Able to avoid the interference of electromagnetic from 3G and 4G cell phones.

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

Hardware Specifications	
Voltage	DC 12~24V (supplied by the MCU)
Connection	CAT-5e (attach 1M cable x 1)
T.H.D	< 0.1%
Frequency Response	50Hz ~ 18KHz
S/N Ratio	> 85dB

Hardware Specifications	
Sensitivity	-47dBV / pa
Microphone Type	Electret Condenser Cardioid Mic
Gooseneck Length	32 / 43 / 48 / 56 cm
Dimension (WHD)	115 x 92 x 72 mm
Weight	850g

FUN-6314-D Table-top Dual Delegate Unit



FUN-6314-D Table-top Dual Delegate Unit

- **Precise Control, Flexible Response**: Dual microphone IDs with digital encoding for left and right speakers enhance control and adapt to any meeting needs, boosting efficiency.
- **Stable and Reliable, Ensuring Smooth Operation**: Sturdy base design ensures secure placement and smooth operation, projecting a professional image.
- **Clear and Visible, Status at a Glance**: High-resolution OLED display shows the speaking status of left and right participants, improving meeting management.
- **Excellent Sound Quality, Intelligent Adjustment**: Advanced DSP chip with automatic gain and sensitivity adjustment delivers clear, loud audio for effective communication.
- **Interference-Free Sound, Focused Meetings**: Robust electromagnetic interference resistance ensures no noise from nearby devices, maintaining focus and professionalism.

Hardware Specifications	
Power Input	DC 12 ~ 24V (supplied by FCS-6350 conference host)
Ports	RJ-45 (includes CAT-5e 1M cable x 1)
Total Harmonic Distortion	< 0.1%
Frequency Response	50Hz ~ 18KHz
S/N Ratio	> 85dB
Sensitivity	-47dBV / pa

Hardware Specifications	
Microphone Type	Electret condenser cardioid
Gooseneck Microphone Length	32 / 43 / 48 / 56 cm
Dimensions	115 x 92 x 72 mm
Weight	850 g

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



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

- Streamlined look and concealed speaking push-button makes the unit's more elegant and flowing.
- The 5 basic metal colors with 25 combinations can fit into varied architecturals of meeting rooms.
- Equipped with DSP chip, AGC, and sensitivity adjustment for enhancing the audio quality.
- Equipped with digital coding. Each unit's ID number and the identity of chairman / delegate can be instantly set by the FCS-6350 main control unit or BXB graphical software.
- Chairman unit has the highest priority to speak and control delegate unit's speaking status.
- The electric gooseneck microphone is equipped with a LED indicator ring and able to avoid the interference of electromagnetic from 3G and 4G cell phones.
- Lengths of pluggable gooseneck microphone: 32 / 43 / 48 / 56 (cm). Adaptable with varied meeting environments.

Hardware Specifications	
Voltage	DC 12~24V (supplied by FCS - 6350 MCU)
Connector	RJ-45 x 2
T.H.D	≦ 0.1%
Frequency Response	100Hz~16KHz
S/N Ratio	≧ 70dB
Sensitivity	≧ -50db
AGC	-45 ~ 0dB

Hardware Specifications	
Gooseneck Mic Length	32 / 43 / 48 / 56 cm
Dimension (WHD)	125 x 165 x 45 mm
Weight	610g
Color (Unit Cover)	Black / Silver / Bronze / Champagne Gold / Iron-Grey Silver



WM-H1 Hand-held Microphone

- Connect to the BXB FCS-6331S unit for optimal speaking quality.
- Digital Encoding: Say goodbye to traditional DIP switch, mic ID and attendee's role can be changed from the conference MCU and control software.
- Unique Cardioid Design: Precisely captures human voices while simultaneously covering background noise, ensuring clear speech.
- Professional-grade Recording: Built-in windscreen and low-noise interference feature resist environmental noise and explosive sounds, maintaining pure audio quality.
- Sleek Appearance: Equipped with a ON/OFF speaking key. The red light ring illuminates when speaking, indicating the status at a glance.
- Easy to Use: Features a 2.2-meter coiled spring cable, making installation convenient and keeping everything tidy



FCS-6331S Flush-mounted Delegate Unit

- Digital DSP Technology: AGC and independent adjustment of microphone sensitivity ensure clear and full voice reproduction.
- Easy Operation: Equipped with an ON/OFF speaking button and LED tri-color indicator lights for instant recognition of three speaking modes (Request to Speak / FIFO Mode / Override Mode).
- Real-time Monitoring: Features an output volume control knob and built-in high-quality speaker for real-time monitoring of spoken content.
- Flexible Connectivity: Two RJ45 ports support hot-pluging, making the operation simple without the need for complex settings.
- Easy Recording: Built-in Ø 3.5mm stereo jack for easy connection to recording devices, facilitating meeting recording.
- Image Tracking: Connects to the conference MCU and BXB VT-725 Image Tracking Controller to set PTZ camera tracking points.
- Versatile Installation: Can be placed on a desktop or securely fixed to the armrest, suitable for various occasions.
- Compatible with WM-H1 Handheld Mic for optimal meeting speaking performance.



WM-H1 Hand-held Microphone
+ FCS-6331S Flush-mounted Delegate Unit

Hardware Specifications	
Frequency Response	100HZ ~ 16KHZ
Sensitivity	≧-50dB
T.H.D	≦0.1%
Frequency Response	≧70dB
S/N Ratio	≧ 70dB
AGC	-45 ~ 0dB
Voltage	DC 24V

Hardware Specifications	
FCS-6331S Connection Interface	RJ-45 x 2
FCS-6331S Indicator Lights	Red / Green / Orange
Headphone / Recording Jack	610g
Dimensions (WHD)	170 x 43 x 82 mm (FCS-6331S)
Weight	346g (FCS-6331S)



FCS-6341 Voting Selector

- Advanced Cat-5e Cabling for daisy-chain connection with BXB conference microphones.
- Equipped with 5 voting buttons with LED indicator light. The buttons can operate presence, agree (+), disagree (-), and abstention (0)/ operate with number: 1-5 (multiple-choice voting)/operate rating scale -- , -. 0, +, ++ (registered/ballot voting).
- It should be operated with FCS-6350 Conference Main Control Unit and FCS-6370 Graphical Control Software to set voting time and execute voting analysis.
- For good-looking and durability, the unit is designed with flush-mounted and extruded aluminum panel.

Hardware Specifications	
Voltage	DC 12~24V (supplied by FCS-6350)
Connection	RJ-45 x 2
Dimensions	170W x 75H x 43D mm

Hardware Specifications	
Weight	346g
Material	Galvanized sheet steel
Surface	Aluminum extrusion



Paperless Flush-mounted All-in-One Panel

- The flush-mounted 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 (slide, video, image) would be synchronously transmitted to the main display (projector, LED monitor, electronic whiteboard) and your conference microphone would be turned on automatically. All the attendees would clearly read the materials. No paper needed; environmental friendliness realized.
- Simple to switch to the next presenter’s screen. You don’t need to plug out/re-manage cables or wait for video switch, greatly enhancing the meeting efficiency.
- Asynchronous browsing: when the speaker shares the screen, any of the other attendees can choose asynchronous browsing, tracking or not tracking the speaker's screen. The video signals can be interconnected.
- Gooseneck microphone lenth offered: 32/43/48/56 (cm).
- The microphone greatly avoids the interference of electromagnetic wave even its distance with 3G/4G cell phone is just within 10cm.



Paperless Flush-mounted All-in-One Panel

Hardware Specifications	
Frequency Response	100HZ ~ 16KHZ
Sensitivity	≧ -50dB
THD	≦ 0.1%
S/N	≧ 70dB
AGC	-45 ~ 0dB
Loop	RJ-45 x 2
Audio Port	3.5Ø earphone x 1 3.5Ø recording x 1

Hardware Specifications	
AC Power	2 ports
LAN	CAT-5e x 1
Video Port	HDMI IN x 1 VGA IN x 1
Volume Control	1 knob
Screen Projection	1 button
USB	2 ports

Physical Properties	
Dimension (LxWxH)	320 x 80 x 43 mm
Weight	800g (gooseneck MIC excluded)
Material	Aluminium alloy

Power Supply	
Voltage	DC 12V~18V



DAM-0808 8x8 Digital Audio Matrix Processor

- Supports up to 8 fixed analog audio inputs, which can be connected via removable balanced phoenix connectors. The processing module and sequence of each audio input channel can be self-defined based on the demands.
- DSP capability：400 MIPS; 1.6 GFLOPS.
- Definable UI for managing all audio channels via web browser. It supports the configuration of max. 20 units and 8 users at the same time.
- Equipped USB port to connect with PC to perform remote meeting and video captruing.
- Supports adaptive echo cancellation (AEC): switch between three modes - Moderate, Conservative, and Aggressive.
- Supports adaptive feedback control (AFC): built-in de-reverberation algorithm, auto-gain control, and amplification gain of greater than 16dB.
- Built-in automatic noise suppression (ANS): making the SNR increase 18db.
- Supports AGC: auto-gain control -6dB~+18dB; auto-balance control -12dB~+12dB.
- Equipped functions such as Automatic Mute (Ducker), Automatic Volume Control (ANC), Gain Sharing Automatic Mixing (AM), and Gate Mixer.
- Centralized control via RS-232, RS-485, and UDP: easily connect the third-party equipment such as PTZ cameras.



DAM-0808 8x8 Digital Audio Matrix Processor

Audio	
Processor	ADI SHARC 21489 (x2)
Sampling rate	48K / 24bit
Input gain	0 / 10 / 20 / 30 / 40 / 43 dBu
Output level	0 / -6dB
Phantom power	48V
Frequency Response	20 ~ 20KHz ±0.5dB
Max. level	+24dBu
THD + Noise	0.003%@4dBu
Dynamic range	113dB

Audio	
Background noise (A-weighted)	-90dBu
Common mode rejection ratio @60Hz	80dB
Channel isolation @1KHz	108dB
Input impedance (Balanced)	5.4KΩ
Output impedance (Balanced)	102Ω
System Delay	<3ms

Physical Properties	
Dimensions (WDH)	482 X 260 X 45 mm
Shipping weight	3 kg
Operating temperature	30°C / 86°F

Power Supply	
Working power	AC110 ~ 240V 5Hz ~ 60Hz
Max. power consumption	< 40W

Waterproof Hi-Fi Column Speaker



Waterproof Hi-Fi Column Speaker

Model No.	WS-8140	WS-6130
Rated Power（RMS）	40W	30W
Number of Loudspeakers	3.5” Woofer x 8 + 3.25” Tweeter x 1	3.5” Woofer x 6 + 3.25” Tweeter x 1
Power Rating（100V）	40W-20W-10W-5W	30W-15W-7.5W-3.75W
Power Rating（70V）	20W-10W-5W-2.5W	15W-7.5W-3.75W-1.875W
Impedance	250Ω-500Ω-1KΩ-2KΩ	333Ω-667Ω-1333Ω-2667Ω
Sensitivity（1W／1M）	94dB	93dB
MAX. S.P.L.	110dB	108dB
Frequency Response（-10dB）	110Hz ~ 20KHz	120Hz ~ 20KHz
Dispersion 1KHz／4KHz	180°／150°	180°／140°
Water Resistant Rating	IP55	
Power Selection	Switch Controller for 4-level 100V / 70V high impedance and 6 / 8Ω low impedance	
Dimension（LWD）	1016 x 124 x 108 mm	813 x 124 x 108 mm
Material	Housing: aluminum alloy / Grille aluminum	
Weight	7.9 kgs	5.8 kgs
Mounting	Aluminum alloy multi bracket	



EPS-C084 Extension Power Supply (RJ45 to RJ45)

- **High Connectivity**: Equipped with five RJ45 ports for four inputs and one output, this design not only enhances system reliability but also makes setup and maintenance quick and easy. It can be seamlessly connected to BXB EDC-2000-V2, UFO-2000 series, or FCS-6300 series conference units, ensuring stable signal transmission. This is particularly suitable for conference environments that require rapid deployment.
- **Ultimate Durability**: Utilizes industry-standard DIN power connectors, enhancing the product's durability and safety while effectively preventing poor contact issues. Its high current endurance ensures that the EPS-C084 can provide long-term, uninterrupted service.
- **Intuitive Status Indicators**: Features dual-color LED status lights that allow users to easily check the device's condition at a glance. A green light indicates that the power is functioning normally, while an orange light signals that communication with the main unit is active. This intuitive feedback mechanism significantly enhances user convenience and system manageability.

Hardware Specifications	
Connectors	Loop input: RJ45 x 1 Loop output: RJ45 x 4
LED Indicator	Power indicator x 1
DC Voltage	0/-6dB

Physical Dimensions	
Dimensions (WDH)	160 x 65 x 26 mm
Weight	230 g
Operating Temperature	0 ~ 40°C
Storage Temperature	-15 ~ 55°C
Humidity	40~70% (non-condensing)

Power Supply	
DC Voltage	24V
Rated Current	5A
Rated Power	120W



SW-004 4 Ports RJ Jack Switch Box

- Each box is equipped four RJ45 8P8C ports for the deployment and distribution of CAT-5e cables. It's compatible with BXB all-series conference system and PA System.
- Easily deploy daisy-chain, ring, tree, or star topology as you need, which effectively decreases the length of used cables and maximizes the cabling flexibility.
- With two screw holes for fixing on the table. 4 Ports RJ Jack Switch Box

Hardware Specifications	
Operating Temperature	0°C ~ 40°C
Storage Temperature	-15°C ~ 55°C
Relative Humidity	45% ~ 70% (non-condensing)

Hardware Specifications	
Material	ABS
Weight	≒ 36g
Dimensions (WDH)	91.98 × 22.73 × 21.91 mm