10000E Series Seamless Compatible Wired and Wireless Conference System

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AI
Conference Ecosystem

AI Capabilities
Enabling New Interactions

Intelligent Terminals
Building the Data Backbone

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Platform Collaboration
Expanding the Ecosystem Core

AI Noise Reduction

AI Voiceprint Recognition

AI Speech Transcription

AI Speech Translation

AI Voice Control

AI Analysis & Suggestions

Smart Conference

Optimized Performance | **Simplified Design**

**10000E Series Seamless Compatible
Wired and Wireless Conference System**

Economical • High Quality • Easy to Use

10000E

AI Conference Ecosystem Evolution Engine

(Requires Additional Devices)

- Integrates ASR for Instant Minutes
- Supports Voice Control and Voiceprint Recognition
- Builds a Complete AI Conference Application Ecosystem

7 Discussion Modes

- FIFO
- Apply
- Override
- PTT
- Wait
- Timed
- Voice

Speech Management

All-Scenario | Multi-Mode

3 Chairman Override Modes

7 Discussion Modes

12 Meeting Scenarios Adapted

3 Chairman Override Modes

- Permanent Disable
- Temporary Disable
- Chairman Approval

All-Time, Multi-Dimensional Management System

- Full-process management via web, management software, and central control system
- All-Time device monitoring
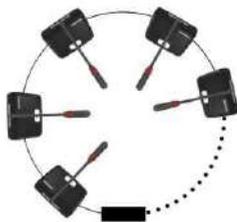- Real-time adjustment of sensitivity, volume, and other parameters

Wired Microphone
(Ethernet Daisy Chain)

Wireless Microphone
(WiFi Tri-Band)

48V Phantom Power for Microphones

Mix

Connect

Integrated Central Server

1 Server Integrating Multiple Functions

30% Reduction in Core Devices

Triple Redundancy Backup System

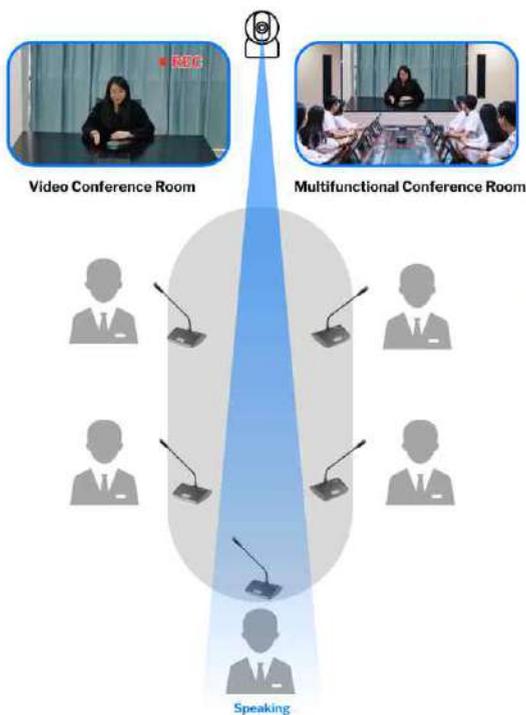- Mainline Ring Connection
- Dual-server Hot Backup

Ring Link

Dual-server Hot Backup
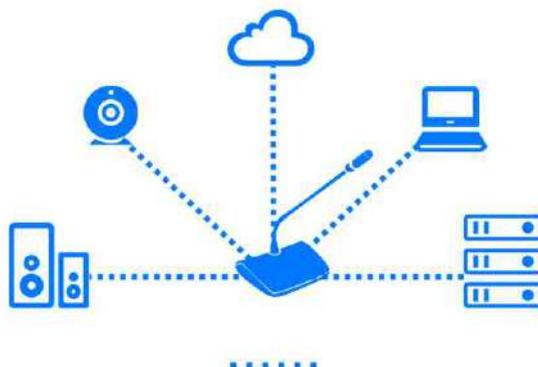
Video Conference Room

Multifunctional Conference Room

Multi-Dimensional Recording & Tracking Solution

USB plug-and-play Recording
Role-Based Track Separation
External Camera Integration for AV Sync

Speaking

Seamless Audio Ecosystem Integration

- AES67 & Dante Supported (Customization Required)
- Easy System Compatibility
- Professional Audio Performance

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■ Terminal DCS-2011CG/DCS-2011DG

Chairman Terminal
DCS-2011CG

Delegate Terminal
DCS-2011DG

Chairman Terminal
(Cat5e,Discussion,Ø14 Gooseneck,3W Speaker)

Delegate Terminal
(Cat5e,Discussion,Ø14 Gooseneck,3W Speaker)

Functions

♦ Smooth geometric appearance design, using engineering plastic one-piece injection molding, delicate feel. Adopting solid keys with good key feedback, sensitive and accurate keys, long life, no mechanical key sound, with switch indicator to show the microphone open and close status.

♦ The terminal adopts a pluggable dual-hose gooseneck microphone, available in various lengths, with status indicator. The microphone features a 14mm large diaphragm condenser capsule, ensuring clear sound pickup.

♦ Provides 2-way terminal interface, supporting three connection modes: hand-in-hand, star and hybrid, and supporting line hot-swap. The outlet has anti-disengagement design and supports bottom outlet, which can be selected as hidden or non-hidden installation.

♦ With Ø 3.5 mm headphone jack for connecting headphones with adjustable volume; with Ø 3.5 mm recording jack for connecting an external recorder.

♦ With monitoring function. Built-in speaker with adjustable volume, reasonable sound cavity design, clear and loud sound. When the microphone is turned on, the speaker of this machine is automatically turned off to prevent the sound from whistling back.

♦ Supports multiple discussion modes: FIFO, Override, Wait, Voice, Apply, PTT, Timed (requires software integration)

♦ Any delegate terminal can be set as the vice-chairman terminal. There is no limit to the number of chairman/vice-chairman terminals in the system. The chairman has all the functions of the delegate, but also has the following functions:

♦ Support unrestricted microphone activation, not limited by the number of activations or software control restrictions.

♦ Equipped with a chairman button, supporting three functions: Permanent Disable, Temporary Disable, and Chairman Approval.

Technical Parameters

Audio Frequency Response	20Hz~20KHz
Sensitivity	-46 dBV/Pa
Equivalent Noise Level	20 dBA (SPL)
Maximum Sound Pressure Level	139dB (THD <3%)
THD	<0.05%
Signal-to-Noise Ratio	≥96dB
Built-in Speaker	3W/4Ω
Microphone Type	14mm large diaphragm condenser capsule
Polar Pattern	Cardioid
Directionality	0°/180°: >20 dB (1kHz)
Dimension (L×W×H)	Base: 190×162×60mm (without microphone stem), Gooseneck Microphone: 410mm standard, 310mm/510mm optional
Weight	0.75kg

Terminal DCS-1013CG-W/DCS-1013DG-W

Mini LCD Display

**Chairman Terminal
DCS-1013CG-W**

**Delegate Terminal
DCS-1013DG-W**

Chairman Terminal
(Wireless,Discussion,LCD,Ø14 Gooseneck,Speaker,Li-ion Battery)

Delegate Terminal
(Wireless,Discussion,LCD,Ø14 Gooseneck,Speaker,Li-ion Battery)

Functions

♦ The terminal adopts a pluggable dual-hose gooseneck microphone, available in various lengths, with status indicator. The microphone features a 14mm large diaphragm condenser capsule, ensuring clear sound pickup.

♦ The terminal features a mini LCD display that shows key information such as battery level and signal strength in real-time. It provides multiplexed physical speaking buttons, with a short press to turn the microphone on or off and a long press to power on the terminal. The terminal also has a key indicator with dual-color display support, allowing for customizable status color settings.

♦ The base features a square geometric design and can be paired with a nameplate for name display.It provides a 3.5mm headphone jack with adjustable volume and is equipped with a built-in rechargeable lithium battery.

♦ It provides one DC charging port that supports 12V/2A DC charging and is compatible with charging cabinet.It features built-in power-down detection and protection circuitry, offering battery level monitoring, energy-saving management, low voltage warning, and automatic shutdown protection.

♦ It adopts Wi-Fi wireless communication technology, which conforms to IEEE 802.11n network standard and supports 2.4GHz/5.2GHz/5.8GHz tri-band communication. It adopts 128-bit AES encryption technology and supports WEP/WPA/WPA2 wireless security technology to ensure the privacy of the meeting and avoid eavesdropping and malicious interference.

♦ Built-in DSP and AI algorithms reduce low-frequency impact noise and filter out unwanted background noise. Support independent sensitivity adjustment, allowing real-time adjustment of pickup distance based on the speaker's posture and ambient noise levels.

♦ Supports multiple discussion modes: FIFO, Override, Wait, Voice, Apply, PTT, Timed (requires software integration)

♦ Any delegate terminal can be set as the vice-chairman terminal. There is no limit to the number of chairman/vice-chairman terminals in the system. The chairman has all the functions of the delegate, but also has the following functions:

♦ Support unrestricted microphone activation, not limited by the number of activations or software control restrictions.

♦ Equipped with a chairman button, supporting three functions: Permanent Disable, Temporary Disable, and Chairman Approval.

Technical Parameters

Operating Frequency	2.4GHz/5.2GHz/5.8GHz
Battery Capacity	6700mAh
Audio Frequency Response	20Hz~20KHz
Sensitivity	-46 dBV/Pa
Equivalent Noise Level	20 dBA (SPL)
Maximum Sound Pressure Level	125dB (THD <3%)
THD	<0.05%
Signal-to-Noise Ratio	≥96dB
Microphone Type	14mm large diaphragm condenser capsule
Polar Pattern	Cardioid
Directionality	0°/180°: >20 dB (1kHz)
Dimension (L×W×H)	Base: 140mm×120mm×65mm
	Gooseneck Microphone: 410mm standard, 310mm/510mm optional
Weight	1kg

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■ Server GONSIN10000E

Server

(OLED,Discussion,4*RJ45-Terminal,Wireless MIC Compatible,Web Management, USB Recording,Camera Tracking,Ring Link)
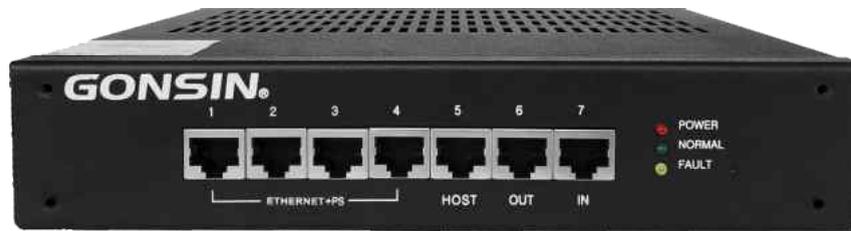
Functions

♦ Designed with a black tempered glass panel, the OLED screen displays information such as system status, number of speakers, speaking modes, etc., and provides multilingual menus.

♦ Based on LINUX operating system platform development, it supports wired conference terminal and wireless conference terminal access to the same conference server. The default maximum number of simultaneous openings is 5. Supports multi-chairman application and unlimited number of chairman/vice-chairman settings.

♦ Provides 2 network interfaces with PoE power supply capability. Supports connecting wireless AP, switch, router, computer and other devices. Supports SSID wireless network management, managing 128 wireless APs and 650 wireless terminals. Supports one-click shutdown function to uniformly power off all wireless terminal devices.

♦ Provides 4-way terminal interfaces with 24V power supply capability, supporting three connection modes: hand-in-hand, star and hybrid. Supports mainline hand-in-hand ring connection to maintain stable operation in the event of a single-point failure, enhancing system fault tolerance.

♦ Provides 1-way fire broadcast audio interface and 1 fire broadcast control interface, which can be accessed to the fire alarm system.

♦ Provides 3-way external audio signal input interface, which can be connected to third-party conference system, simultaneous interpretation system, sound reinforcement system and other system audio signals. Server and terminal equipment can synchronize the output of audio signals (original sound).

♦ Supports recording and broadcasting function. Provides 1-way USB interface on the front panel. Insert U disk (FAT32 format) to support manual/automatic audio recording and display recording status. When used with capture card with software, it can realize the function of recording and video.

♦ Provides connection interface for simultaneous interpretation equipment, which can be connected to the interpreter terminal and wireless simultaneous interpretation access point, and the audio frequency response of the simultaneous interpretation channel can reach 20Hz ~ 20KHz. The audio frequency response of the simultaneous interpretation channel can reach 20Hz ~ 20KHz, and it can realize 6-channel (wireless conference terminal)/32-channel (wired conference terminal)/32-channel (wireless simultaneous interpretation receiving unit) simultaneous interpretation function(including the floor channel).

♦ Supports multiple discussion modes: FIFO, Override, Wait, Voice, Apply, PTT, Timed (requires software integration)

♦ FIFO: When the number of active microphones exceeds the system limit, pressing the microphone button will activate the microphone while the earliest active microphone is automatically turned off.

♦ Override: When the number of active microphones exceeds the system limit, pressing the microphone button will attempt to activate the microphone, but activation will only occur after other microphones are turned off.

♦ Wait: When the number of active microphones exceeds the system limit, pressing the microphone button will place the microphone in a waiting queue. Once an active microphone is turned off, the waiting microphone will automatically activate.

♦ Voice: The microphone will automatically activate when it detects sound and will turn off when no sound is detected for a preset period. Sensitivity and auto-off time can be configured. Manual activation and deactivation by pressing the microphone button are also supported.

- ♦ PTT: The microphone remains active only while the microphone button is being pressed and will deactivate once the button is released.
- ♦ Apply: When the delegate microphone button is pressed, the microphone enters a request status. The microphone will only activate after approval from the Chairman. Chairman and Vice Chairman units can speak directly without approval.
- ♦ Timed (requires software support): When the microphone is activated, it enters a countdown timer status. Once the countdown reaches zero, the microphone will automatically turn off. The speaking time limit can be configured via software.
- • Permanent Mute Mode: Press the chairman key to permanently mute all delegate microphones.
- • Temporary Mute Mode: Press the chairman key to temporarily mute all delegate microphones. Release the key to restore.
- • Chairman Approval Mode: Press the chairman key briefly to approve the first speaker's request. Press again to approve the next speaker. Press and hold to mute all delegate microphones.
- ♦ The congress server has a dual-server hot backup function. One conference server can be set to backup mode, when the main server fails, the backup server automatically takes over the work to ensure uninterrupted operation of the system
- ♦ Supports automatic camera tracking function and supports panoramic bit. Provides 2 groups of camera dome control interface, support the connection and control of standard definition cameras, high-definition cameras. Provide 1 group of matrix control interface, support the connection and control of HD matrix, mixing matrix, switcher. Provide 1 group of center control interface, support the connection of third-party center control system.
- ♦ Supports discussion control and other functions via client software.
- ♦ Supports discussion control via web browser.
- ♦ With ASR system (need to purchase separately), it can realize the functions of system audio role separation, voice transcription, voice translation, subtitle display and minutes output.
- ♦ Supports the integration and use with registration system, voting system, paperless conference system, smart conference management platform. Support docking third-party conference system, OA office system, government office system and so on. Remote control, status monitoring, fault reminder and other functions can be realized.
- ♦ The power supply features a wide input voltage range of 100V to 240V, with an internal linear voltage regulator circuit that includes over-voltage protection.

Technical Parameters

Installation	Desktop or 19-inch cabinet mounting
Device Interface	Terminal interface (RJ45) × 4, Network interface + PoE power supply (RJ45) × 2
	Recording interface (USB) × 1
Camera Tracking Interface	Ball interface (RS-485) × 2, Matrix interface (RS-232) × 1
	Center control interface (RS-485) × 1
Audio Input Connector	MIC input connector (XLR) ×1,LINE input connector (6.35 mm) ×1
	LINE input connector (Phoenix terminal) ×1
Audio Output Connector	MIC output connector (XLR) ×1,LINE output connector (6.35 mm) ×1
	LINE output connector (Phoenix terminal) ×1
Fire Alarm Interface	Fire broadcast audio interface (Phoenix terminal) × 1
	Fire broadcast control interface (Phoenix terminal) × 1
Audio Frequency Response	20Hz to 20KHz
Signal-to-Noise Ratio	>96dBA
Channel Isolation	>85dB
Dynamic Range	>94dB
THD	<0.05%
Output Impedance	>1KΩ
Maximum Audio Output	LINE OUT (unbalanced): +20 dBu, BLANCE OUT (balanced): +20 dBu
	MIXER OUT (balanced): +20 dBu, AUDIO OUT 1 to 4 (balanced): +20 dBu
Maximum Power Consumption	200W
Power Supply	AC100~240V, 50/60Hz
Dimension (L×W×H)	334mm×430mm×88mm
Weight	8.9kg

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Power Hub HUB-P150S

Power Hub
(Cat5e,4*RJ45-Terminal,Ring Link)

Functions

♦ Adopt a black metal chassis design, with working status indicator, supporting hidden installation or cabinet installation, supporting to install 2 devices side by side (requires installation accessories).

♦ Provide 7-way network interfaces with 24V power supply capability to connect conference terminal, power HUB, conference server (need to connect according to the interface instruction). Supports three connection modes: ring hand-held, star-type and hybrid.

♦ Adopt distributed power supply management and support synchronized switching with the conference server. Built-in auto-detection mechanism, can automatically detect voltage, current and temperature status, support overload, high temperature automatic protection.

♦ Power supply adopts 100V~240V wide voltage input design, built-in linear voltage regulator circuit for over-voltage protection. Built-in power management embedded software can monitor the equipment voltage status, reduce the equipment failure caused by voltage fluctuation, and realize all-weather protection.

Technical Parameters

Installation	Hidden installation or 19" cabinet installation (installation accessories required)
Device Interface	Terminal interface (RJ45) × 4
	Cascade interface (RJ45) × 2
	Server interface (RJ45) × 1
Maximum Number of Mounts Per Unit	65 conference terminals (monitoring off)
	(The number of carriers varies according to the terminal model and line length)
Maximum Power Consumption	150W
Power Supply	AC100～240V, 50/60Hz
Dimension (L×W×H)	238mm×165mm×45mm
Weight	2Kg

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■ Wireless AP WAP-10D

Wireless AP
(Wi-Fi,Support PoE)

Functions

♦ Adopt WiFi wireless communication technology, compliant with IEEE 802.11b/g/n, IEEE 802.11ac/a/n network standards, built-in matrix smart antenna, wireless transmission rate up to 1167Mbps.

♦ MU-MIMO technology based on 802.11ac Wave2 specification, supports 2.4GHz/5.2GHz/5.8GHz tri-band communication. Built-in wireless frequency sweeping software to detect the wireless environment, frequency hopping and spreading in real-time wireless audio transmission system, and selecting clean frequency to work.

♦ Support SSID wireless network settings, support 128 wireless AP connection management, support multi-AP wireless coverage, support multiple systems in the same environment at the same time.

♦ Adopt 128-bit AES encryption technology, support WEP/WPA/WPA2 wireless security technology, ensure the privacy of the meeting, avoid eavesdropping and malicious interference.

♦ Provide 1 network interface to support PoE power supply, support conference servers or switches for PoE power supply, reducing the need for additional wiring.

♦ Support three installation methods: ceiling-mounted, wall-mounted, and desktop placement. adapting to different types of venues.

Technical Parameters

Operating Frequency	2.4GHz/5.2GHz/5.8GHz
Single AP Capacity	35 units
Wireless Signal Coverage	30 meters (stable communication distance)
Transmit power	≤20dBm
Adjustable Power Granularity	1dBm
Adjustable power range	1dBm
Working Power	PoE power supply (support 802.3af/802.3at)
	Power adapter (12V/2A)
Power Consumption	<13W
Protection class	IP41
Interface	Network interface (RJ45) × 1
	Console interface (RJ45) × 1
Dimension (L×W×H)	196 mm×196 mm×45 mm
Weight	0.5Kg

■ Charging Cabinet CHG-08

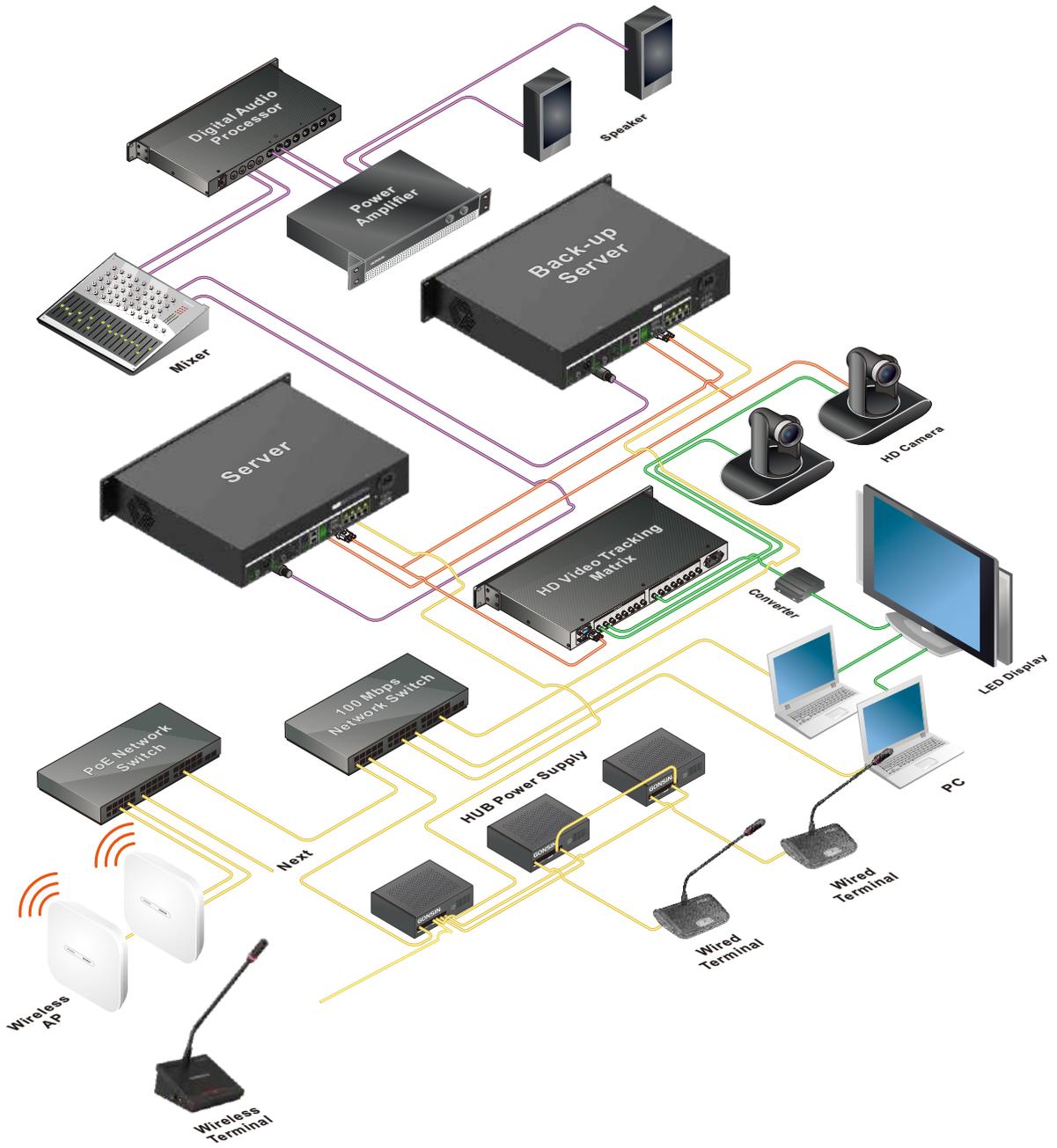**Charging Cabinet**
(8-slot Terminal Charging)

■ Functions

♦ Up to 8 li-ion batteries can be charged at the same time.

♦ Built-in linear voltage regulator circuit with over-voltage protection ensures safe and reliable charging process. Built-in power management embedded software, real-time management of battery power and charging current, to extend battery life.

■ Technical Parameters

Charging Time	4 hours
Working Voltage	12V
Working Current	15A
Dimension(L×W×H)	605mm×346mm×46mm
Weight (L×W×H)	4.78Kg

System Configuration

Digital Audio Processor

Power Amplifier

Speaker

Mixer

Back-up Server

Server

HD Camera

HD Video Tracking Matrix

Converter

LED Display

100 Mbps Network Switch

PoE Network Switch

HUB Power Supply

PC

Next

Wired Terminal

Wired Terminal

Wireless AP

Wireless Terminal

	Audio Cable
	Video Cable
	Network Cable
	Control Cable

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DELIVERING TRUST & VALUE

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- ICCA Member
- 122 Patented Technologies
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- Trademarks Registered in 74 Countries & Regions
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