

# Flush-Mounting backup conference system

**GONSIN**<sup>®</sup>  
Delivering Trust & Value



# 20000S Series Fully Digital Congress System

## Three mechanisms for backups, escorting important conferences

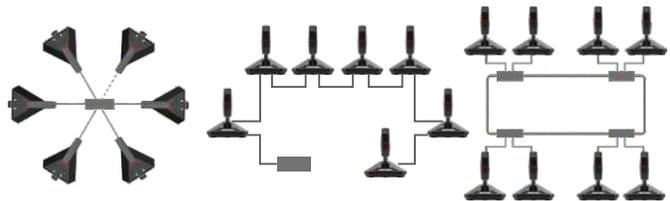


- Conference terminal obtains dual chain backups, including separated microphone digital signal output and analog signal output; when the main chain fails, the standby chain is available.
- Daisy-chain connection: apart from the main communication line, the end devices are in daisy-chain connection; when the main communication line malfunctions, the daisy-chain connection will be automatically activated.
- Hot stand-by function for the server: two servers with one at work and the other standing by; when the main server doesn't work, it will automatically switch to the stand-by server, securing the continuous work.
- Only the combination of DCS-2043 and rectangular columnar short microphone series with conference terminal dual chain backups function

## Connected by network cable, stable and convenient



The system adopts all digital communication technology and network cable connection, and supports star connection, hand-in-hand connection and mixed connection, making it convenient to wire. Its resistance of inference secures stable communication.



## Distributed management, supporting audio partition

- It adopts distributed and server cluster network architecture, decentralization design, and superior capacity expansibility, avoiding the block caused by large scale of conference data and improving the processing efficiency of the server.
- Utilizing the panel point layout of the conference terminal and the function of audio partition, splitting and merging of different conferences can be reached, flexibly adjusting the composition of the conference system.

# Flush-Mounting backup conference system

## ◆ Basic Discussion Module DCS-Q2057



DCS-Q2057C  
Basic Discussion Module  
(chairman)



DCS-Q2057D  
Basic Discussion Module  
(delegate)

### ◆ Basic Functions

- ◆ In compliance with IEC60914 international standard, utilize digital audio processing and transmission technology
- ◆ The exquisite full-metal panel design is suitable for flush mounting installation
- ◆ Three-color LED to indicate the unit status (on or off)
- ◆ Physical Mic button utilizes touch design, with concise appearance, convenient operation, accurate response and long service life.
- ◆ With full digital audio technology, built-in high-speed CPU and high-performance DSP digital audio processor.
- ◆ Congress terminal, power HUB and congress server are all connected by cable. Flexible cabling reduces project workload, makes large-scale construction easier.
- ◆ It supports daisy-chain connection, star connection and mixed connection. The system is highly stable and reliable. The break down of one extension won't influence the other extensions, and the malfunction of one attachment among the extensions won't influence the system work.
- ◆ Automatic restoration function: supports hot plug.
- ◆ Supports 48KHz audio sample freq, acoustic frequency response can up to 20Hz~20KHz.
- ◆ AF sensitivity of each terminal (7 levels) can be adjusted separately or uniformly.
- ◆ Built-in high-performance DSP digital audio processor, helps remove the useless low-frequency and avoid low-frequency acoustical shock, which better improve the sharpness of sound.
- ◆ Standard electret cardioid pickup pattern microphone with lamp bezel (On or Off), rich timbre. Several kinds of soft gooseneck microphone stems for various conferences (standard: 410mm, optional: 310mm/510mm)
- ◆ Pluggable gooseneck microphone stem, convenient for equipment maintenance.
- ◆ Highly resistant to mobile phone interference
- ◆ Loud speaker: VOX, Auto, FIFO, Operator.
- ◆ VOX function: in VOX mode, the unit will be activated for user speaks; VOX sensitivity can be adjust by the server ( high, middle, low); microphone time-out is adjustable ( 20-250 seconds).
- ◆ 1-4 delegate unit can be used except the chairman unit
- ◆ Optional HD video camera tracking matrix ,switcher or HD camera, can realize HD automatic camera tracking, supporting preset overall view
- ◆ 8\*1+3 video matrix is built in the server, and standard definition video conference camera is selected, which can realize automatic camera tracking function of standard definition and support preset overall view.
- ◆ The serial-number is one and only, the congress system supports automatically or manually assign ID to the corresponding equipment.

- ◆ Attendance registration function: key to register, supplementary register or revocatory register.
- ◆ Be able to connect with simultaneous interpretation terminal/voting terminal/voting and interpretation terminal, to extend the conference function.
- ◆ Appoint any terminal as the chairman or delegate terminal.

**The chairman terminal has functions below, besides all functions of delegate terminal:**

- ◆ Chairman terminal can be activated at any time without presetting mic limit
- ◆ Chairman priority button to override all active delegate terminals.

## ◆ Delegate Terminal DCS-2057D

### ◆ Basic Functions

- ◆ In compliance with IEC 60914 international standard
- ◆ Support to connect to other 20000S products, together composing multiple big systems with different terminals
- ◆ Hand-held design with full-metal microphone suits for flush mounting installation
- ◆ With spring line, convenient for extension and storage
- ◆ Transparent silicone button with status indicator, responds accurately and has long service life
- ◆ Full digital audio technology provides CD-level sound track quality
- ◆ Equipment like congress terminal, power HUB and conference server is connected by cable, convenient for construction
- ◆ Support daisy-chain connection, star connection and mixed connection; break down of one extension won't influence other extensions, and the mal-function of one attachment among the extensions won't influence the system work, securing stable work of the system
- ◆ Auto restoration function: support hot plug
- ◆ Support 48KHz audio sampling frequency; acoustic frequency response up to 20Hz~20KHz
- ◆ Support separated adjustment of audio and sensitivity(7 levels) of the terminal; adjust the sound effect based on the on-site speaking situation
- ◆ Build-in high performance DSP digital audio processor can eliminate invalid low-frequency components, improving the sound quality
- ◆ Highly resistant to mobile phone interference
- ◆ With one and only serial-number, the congress system supports to automatically or manually assign ID to the corresponding equipment.
- ◆ Speaking mode: VOX, Auto, FIFO, Operator
- ◆ In VOX mode, the microphone will be activated as users speak. VOX sensitivity (high/middle/low) and mic time-out(20-250 seconds)is adjustable.
- ◆ 5 delegate units can be activated at the same time(one chairman unit and 4 delegate units)
- ◆ Attendance registration: key to register, supplementary register or revocatory register
- ◆ Optional HD video camera tracking matrix ,switcher or HD camera, can realize HD automatic camera tracking, supporting preset overall view
- ◆ 8\*1+3 video matrix is built in the server, and standard definition video conference camera is selected, which can realize automatic camera tracking function of standard definition and support preset overall view
- ◆ Be able to connect with interpretation/voting/interpretation & voting terminal, carrying out extended conference function



- ◆ Random delegate unit can be set as vice-chairman terminal; no limit on the number of vice-chairman terminal

**Besides functions of delegate unit, the vice-chairman unit has functions as follows:**

- ◆ Vice-chairman unit can be activated at any time without presetting MIC limit

## ◆ 32-Channel Terminal DCS-Q2057SI



### ◆ Basic functions

- ◆ In compliance with IEC60914 international standard, utilize digital audio processing and transmission technology
- ◆ The exquisite full-metal panel design is suitable for flush mounting installation
- ◆ Two digit LED display Channel number and volume.
- ◆ Physical Mic button utilizes touch design, with concise appearance, convenient operation, accurate response and long service life.
- ◆ With full digital audio technology, built-in high-speed CPU and high-performance DSP digital audio processor.
- ◆ Congress terminal, power HUB and congress server are all connected by cable. Flexible cabling reduces project workload, makes large-scale construction easier.
- ◆ It supports daisy-chain connection, star connection and mixed connection. The system is highly stable and reliable. The break down of one extension won't influence the other extensions, and the malfunction of one attachment among the extensions won't influence the system work.
- ◆ Automatic restoration function: supports hot plug
- ◆ Highly resistant to mobile phone interference
- ◆ The serial-number is one and only, the congress system supports automatically or manually assign ID to the corresponding equipment.
- ◆ Be able to connect with basic discussion module/voting terminal, to extend the conference function.
- ◆ Support 32 (1+31) channels simultaneous interpretation
- ◆ Built-in language channel selector and adjustable volume(9 levels), press button to change channel and adjust volume.
- ◆ Acoustic frequency response can up to 20Hz~20KHz.

# ◆ Dual 32-Channel Terminal

DCS-Q2057DI



## ◆ Basic functions

- ◆ In compliance with IEC60914 international standard, utilize digital audio processing and transmission technology
- ◆ The exquisite full-metal panel design is suitable for flush mounting installation
- ◆ Two digit LED display Channel number and volume.
- ◆ Two independent LED to indicate the unit status (on or off)
- ◆ Support two delegates use interpretation functions independently, volume and interpretation channel could be adjusted respectively.
- ◆ Three-color LED to indicate the unit status (on or off)
- ◆ Physical Mic button utilizes touch design, with concise appearance, convenient operation, accurate response and long service life.
- ◆ With full digital audio technology, built-in high-speed CPU and high-performance DSP digital audio processor.
- ◆ Congress terminal, power HUB and congress server are all connected by cable. Flexible cabling reduces project workload, makes large-scale construction easier.
- ◆ It supports daisy-chain connection, star connection and mixed connection. The system is highly stable and reliable. The break down of one extension won't influence the other extensions, and the malfunction of one attachment among the extensions won't influence the system work.
- ◆ Automatic restoration function: supports hot plug
- ◆ Highly resistant to mobile phone interference
- ◆ The serial-number is one and only, the congress system supports automatically or manually assign ID to the corresponding equipment.
- ◆ Be able to connect with basic discussion module/voting terminal, to extend the conference function.
- ◆ Support 32 (1+31) channels simultaneous interpretation
- ◆ Built-in language channel selector and adjustable volume(9 levels), press button to change channel and adjust volume.
- ◆ Acoustic frequency response can up to 20Hz~20KHz

# ◆ Voting Terminal

DCS-Q2057V



## ◆ Basic functions

- ◆ In compliance with IEC60914 international standard, utilize digital audio processing and transmission technology
- ◆ The exquisite full-metal panel design is suitable for flush mounting installation
- ◆ Three-color LED to indicate the unit status (on or off)
- ◆ Physical Mic button utilizes touch design, with concise appearance, convenient operation, accurate response and long service life.
- ◆ Congress terminal, power HUB and congress server are all connected by cable. Flexible cabling reduces project workload, makes large-scale construction easier.
- ◆ It supports daisy-chain connection, star connection and mixed connection. The system is highly stable and reliable. The break down of one extension won't influence the other extensions, and the malfunction of one attachment among the extensions won't influence the system work.
- ◆ Automatic restoration function: supports hot plug.
- ◆ The serial-number is one and only, the congress system supports automatically or manually assign ID to the corresponding equipment.
- ◆ Attendance registration function: key to register, supplementary register or revocatory register.
- ◆ Voting: delegate can vote for Yes, No, Abstain. Vote counting and result display are enabled automatically by PC
  - Single-choice and multiple-choice voting
  - First key-press and final key-press voting
- ◆ Election: elect one or more out of N candidates, with 'competitive election', 'equal number election' and 'quick election'
- ◆ Evaluation: four buttons to evaluate. It comes with four choices "Good", "Fair", "Poor", "Abstain", or the customized evaluation way by software.
- ◆ Utilize data encryption and anti-restoration technique to ensure information security.
- ◆ Customized voting options and voting methods, support customized language mode or display screen
- ◆ Be able to connect with basic discussion module/interpretation terminal, to extend the conference function.

# ◆ Voting and Interpretation Terminal

DCS-Q2057VI



## ◆ Basic functions

- ◆ In compliance with IEC60914 international standard, utilize digital audio processing and transmission technology
- ◆ The exquisite full-metal panel design is suitable for flush mounting installation
- ◆ Two digit LED display Channel number and volume.
- ◆ Two independent LED to indicate the unit status (on or off)
- ◆ Physical Mic button utilizes touch design, with concise appearance, convenient operation, accurate response and long service life.
- ◆ With full digital audio technology, built-in high-speed CPU and high-performance DSP digital audio processor.
- ◆ Congress terminal, power HUB and congress server are all connected by cable. Flexible cabling reduces project workload, makes large-scale construction easier.
- ◆ It supports daisy-chain connection, star connection and mixed connection. The system is highly stable and reliable. The break down of one extension won't influence the other extensions, and the malfunction of one attachment among the extensions won't influence the system work.
- ◆ Automatic restoration function: supports hot plug.
- ◆ Highly resistant to mobile phone interference
- ◆ The serial-number is one and only, the congress system supports automatically or manually assign ID to the corresponding equipment.
- ◆ Attendance registration function: key to register, supplementary register or revocatory register.
- ◆ Voting: delegate can vote for Yes, No, Abstain. Vote counting and result display are enabled automatically by PC
  - Single-choice and multiple-choice voting
  - First key-press and final key-press voting
- ◆ Election: elect one or more out of N candidates, with 'competitive election', 'equal number election' and 'quick election'
- ◆ Evaluation: four buttons to evaluate. It comes with four choices "Good", "Fair", "Poor", "Abstain", or the customized evaluation way by software.
- ◆ Utilize data encryption and anti-restoration technique to ensure information security.
- ◆ Customized voting options and voting methods, support customized language mode or display screen
- ◆ Support 32 (1+31) channels simultaneous interpretation
- ◆ Built-in language channel selector and adjustable volume (9 levels) , press button to change channel and adjust volume.
- ◆ Acoustic frequency response can up to 20Hz~20KHz.
- ◆ Be able to connect with basic discussion module, to extend the conference function.

## Connector DCS-CON2057



### Basic functions

- ◆ In compliance with IEC60914 international standard, utilize digital audio processing and transmission technology
- ◆ Cooperate with basic discussion module, one connector could connect one discussion module, supply power for the discussion module
- ◆ Realize the communication between basic discussion module and the server
- ◆ Connector, basic discussion module, power HUB and congress server are all connected by cable. Flexible cabling reduces project workload, makes large-scale construction easier.
- ◆ It supports daisy-chain connection, star connection and mixed connection. The system is highly stable and reliable. The break down of one extension won't influence the other extensions, and the malfunction of one attachment among the extensions won't influence the system work.
- ◆ Automatic restoration function: supports hot plug.
- ◆ When there is only basic discussion module, it requires the connectors; when the basic discussion, module is extended to other terminal, it do not require the connector.

### Congress Terminal Feature Chart

Terminal Type	Description	Button for register	Discussion	Voting	Interpretation	Automatic video tracking	Connection	Installation
DCS-Q2057C	Chairman		✓			✓	RJ 45 Connector	suited to horizontal desktop installation and vertical chair armrest installation
DCS-Q2057D	Delegate		✓			✓		
DCS-Q2057SI					single			
DCS-Q2057DI					dual			
DCS-Q2057V		✓		✓				
DCS-Q2057VI		✓		✓	single			
DCS-CON2057								
DCS-2057D	Delegate		✓			✓	RJ-45 Plugs	Seat armrest flush mounting installation

## ◆ Technical Parameters

Product	Basic Discussion Module	Delegate Terminal	32-channel terminal	Voting and Interpretation Terminal	Dual 32-channel terminal	Voting Terminal
Mounting	Horizontal desktop installation and vertical chair armrest installation	Seat armrest flush mounting installation	Horizontal desktop installation and vertical chair armrest installation			
Panel Dimension (L*W*H)	83×40×3.5mm		158×40×3.5mm			
Product Dimension (L*W*H)	83×40×44mm		191×27.8×27.8mm			
Color	Black	metal gray	Black			
Display Parameter	/		Two digit LED			/
Status Indicator	LED Indicator		/	LED Indicator		
MIC	Acoustic Frequency Response	20Hz~20KHz		/	/	/
	MIC Type	Heart pattern directional electret		/	/	/
	MIC Stem Length	410mm (standard), 310mm/510mm (optional)	191×27.8 ×27.8mm	/	/	/
	Sensitivity	-46 dBV/Pa		/	/	/
	VOX Sensitivity	H/M/L(76dB/80dB/82dB)		/	/	/
	Input Impedance	2KΩ		/	/	/
	Directivity	0°/180°: >20 dB (1 kHz)		/	/	/
	Equivalent Noise Level	20dBA(SPL)		/	/	/
	Max SPL	125dB (THD<3%)		/	/	/
Frequency Response	/		20Hz~20KHz			/
THD	/		THD(<0.3%)			/
SNR	/		≥95dB			/
Headphone Port	/		Ø3.5 mm stereo jack	Ø3.5 mm stereo jack×2	/	
Headphone Load	/		> 16Ω			/
Headphone Volume	/		10mW			/
Channel	/		32			/
Interface	1* RJ45 Connector	1*RJ-45 Plugs	3* RJ45 Connector			
Power Supply	Sever/Interpretation Terminal/ Voting Terminal/ Voting and Interpretation Terminal		Sever/ HUB			
Power	/		24V			
Max Power Consumption	/		6.4W			
Weight	0.16Kg	0.22Kg	0.6Kg			
Operating Temperature	/		0~45°C			
Storage Temperature	/		-20~50°C			

# ◆ Congress Server GONSIN2000S



## ◆ Basic functions

- ◆ In compliance with IEC60914 standard and adoption of digital audio processing and transmission techniques to implement a digitized server
- ◆ Black tempered glass panel design, clear and high-grade. All the function divisions are distinct and easy to operate.
- ◆ Based on digital control framework and high-speed CPU, the system has more stable performance and higher processing speed
- ◆ Developed on Linux-based OS platform, the server has robust stability and thus applies to large-sized convention centers with strict running conditions
- ◆ Support up to 4 channel grouping audio output
- ◆ Support USB auto recording , audio recording after plugging an USB flash disk
- ◆ AF sensitivity of each terminal (7 levels) can be adjusted separately or uniformly.
- ◆ Congress terminal, power HUB and congress server are all connected by cable. Flexible cabling reduces project workload, makes large-scale construction easier.
- ◆ It supports daisy-chain connection, star connection and mixed connection. The system is highly stable and reliable. The break down of one extension won't influence the other extensions, and the malfunction of one attachment among the extensions won't influence the system work
- ◆ Automatic restoration function: supports hot plug.
- ◆ Supports 48KHz audio sample freq, acoustic frequency response can up to 20Hz~20KHz.
- ◆ Support 32 (1+31) channels simultaneous interpretation
- ◆ The serial-number is one and only, the congress system supports automatically or manually assign ID to the corresponding equipment.
- ◆ Appoint any terminal as the chairman or delegate terminal
- ◆ System capacity: unlimited
- ◆ The sever comes with built-in OLED panel and navigation button to display speaking mode, system status, terminal setting and management. Language supports Chinese/ English, by rotation knob, the server can manage terminals.
- ◆ Navigation knob for more convenient operation and management
- ◆ 4 congress terminal connection interfaces
- ◆ Adopt distributed power supply management, single server can connect to up to 56 terminals(turn off built-in speaker) or 8 desktop paperless all-in-one terminals; it can form a super-large system with 65,025 terminals, by adding power hubs, which are controlled and managed by the server
- ◆ Congress server can be separately or integrally
- ◆ Support hot stand-by function for server and management software, ensure data security and reliable backup
- ◆ Co-work with 8 digital simulation audio converters, for infrared simultaneous interpretation system or recording
- ◆ Optional HD video camera tracking matrix ,switcher or HD camera, can realize HD automatic camera tracking, supporting preset overall view
- ◆ 8\*1+3 video matrix is built in the server, and standard definition video conference camera is selected, which can realize automatic camera tracking function of standard definition and support preset overall view
- ◆ Support Dante extension port

- ◆ Built-in clock and calendar
- ◆ Built-in Congress terminal auto-detect mechanism
- ◆ Universal voltage switching power supply for wider usable range and sufficient power supply.

#### Offline functions without PC/software control

- ◆ Loud speaker: VOX, Auto, FIFO, Operator.
- ◆ VOX function: in VOX mode, the unit will be activated for user speaks; VOX sensitivity can be adjust by the server ( high, middle, low); microphone time-out is adjustable ( 20-250 seconds).
- ◆ 1-4 delegate unit can be used except the chairman unit

#### Extended functions with PC/software control

- ◆ Can be integrated with paperless conference system to realize paperless conference voting, election, voting function
- ◆ Operator can click terminal icons for terminal management such as allow or reject the delegate to speak
- ◆ Speaking time limit can be preset to turn off terminal
- ◆ Real-time monitor for system operation, to find out system error in time
- ◆ Support hot stand-by function for server and management software, ensure data security and reliable backup
- ◆ Conference managements can be adjusted in accordance with user's original management software

## ◆ Technical Parameters

System Capacity	65,025
Standard Capacity	56 Terminals(turn off built-in speaker)/28 Terminals(turn on built-in speaker)/8 Desktop Paperless All-in-one Terminals
Frequency Range	20Hz~20KHz
SNR	>96dBA
Isolation	>85dB
Dynamic Range	>94dB
THD	<0.05%
Power	AC100~240V , 50/60Hz
Audio Port	1 balanced (XLR) ; 4 unbalanced (PHOENIX)
Max Audio Output	MIXER OUT : +20 dBU balanced ; AUDIO OUT 1~4: +20 dBU balanced
Output Impedance	>1KΩ
Central Control Method	RS-232
PC Connection Method	TCP/IP
Camera Control Method	RS-485
Max Power Consumption	300W
Terminal Connection Port	Rj45×4 (power supply)
Display Screen	OLED (61mm×37mm)
Audio Recorder Interface	USB (FAT32)
Digital Voice File Size	0.8M/m
Active Delegate	1/2/3/4
VOX sensitivity	H/M/L (76dB/80dB/82dB)
Support Camera Number	8(SD) or 4(HD)
Video Input Port	RCA×8(1Vp-p 75Ω)or SDI×4(SD/HD/3G)
Video Output Port	RCA×4(1Vp-p 75Ω)or SDI×1(SD/HD/3G)
Camera Tracking Protocol	PELCO-P/PELCO-D/VISCA
Operating Temperature	0~45°C
Storage Temperature	-20~50°C
Dimensions (W*H*D)	485mm×325mm×90mm
Installation	Desktop or 19" Cabinet installation
Weight	14Kg

# Power Hub HUB-P150S



## Basic functions

- ◆ In compliance with IEC60914 international standard, utilize digital audio processing and transmission technology
- ◆ Based on digital control framework and high-speed CPU, the system has more stable performance and higher processing speed
- ◆ Developed on Linux-based OS platform, the server has robust stability and thus applies to large-sized convention centers with strict running conditions
- ◆ Power Status Indicator, support detection for voltage, current, temperature, overload, overheat
- ◆ Distributed management function, controlled by the server automatically, the operation data is uploaded by network
- ◆ Adopt distributed power supply management, single power HUB can connect to up to 65 terminals(turn off built-in speaker) or 5 desktop paperless all-in-one terminals (according to terminal model and the length of cable); it can form a super-large system with 65,025 terminals, by adding power hubs and servers. Power HUB are controlled and managed by the server
- ◆ All the equipment are connected by cable. Flexible cabling reduces project workload, makes large-scale construction easier.
- ◆ It supports daisy-chain connection, star connection and mixed connection. The system is highly stable and reliable. The break down of one extension won't influence the other extensions, and the malfunction of one attachment among the extensions won't influence the system work.
- ◆ Automatic restoration function: supports hot plug.
- ◆ The serial-number is one and only, the congress system supports automatically or manually assign ID to the corresponding equipment.
- ◆ Built-in congress terminal auto-detect mechanism
- ◆ Real-time monitor for system operation, to find out system error in time
- ◆ Co-work with congress server to expand congress terminal connection and designed to meet the power requirement for larger congress system.
- ◆ 5 terminal connection ports and 2 extended connection ports for HUB
- ◆ Synchronously start up and shut down with server
- ◆ More functions when cooperates with system control software

## Technical Parameters

System Capacity	65,025
Standard Capacity	65 Terminals(turn off built-in speaker)/25 Terminals(turn on built-in speaker)/5 Desktop Paperless All-in-one Terminals
Status Indication	LED
Power	AC 100~240V, 50/60Hz
Max Power Consumption	150W
Terminal Connection Port	RJ45×7
Operating Temperature	0~45°C
Storage Temperature	-20~50°C
Dimensions(L×W×H)	238mm×165mm×45mm
Installation	Concealed or Rack
Weight	2Kg

# ◆ Interpreter Terminal

IC-2016/2032



## ◆ Basic functions

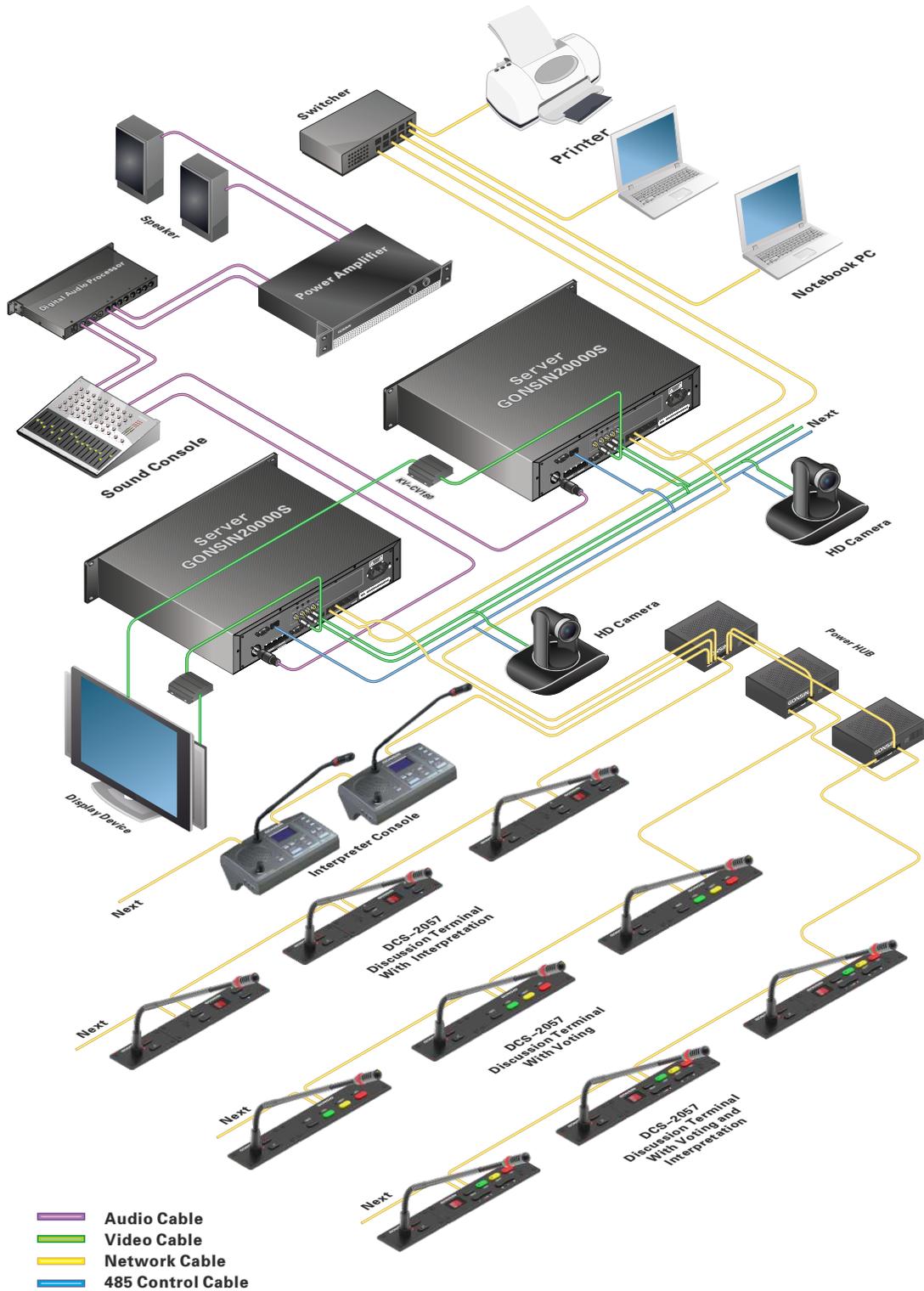
- ◆ In compliance with IEEE 802.11n network standard, adopt WIFI wireless communication technology.
- ◆ Physical Mic button utilizes touch design, with concise appearance, convenient operation, accurate response and long service life.
- ◆ With full digital audio technology, built-in high-speed CPU and high-performance DSP digital audio processor.
- ◆ Congress terminal, power HUB and congress server are all connected by cable. Flexible cabling reduces project workload, makes large-scale construction easier.
- ◆ It supports daisy-chain connection, star connection and mixed connection. The system is highly stable and reliable. The break down of one extension won't influence the other extensions, and the malfunction of one attachment among the extensions won't influence the system work.
- ◆ Automatic restoration function: supports hot plug.
- ◆ Supports 48KHz audio sample freq, acoustic frequency response can up to 20Hz~20KHz.
- ◆ Built-in high-performance DSP digital audio processor, helps remove the useless low-frequency and avoid low-frequency acoustical shock, which better improve the sharpness of sound.
- ◆ Highly resistant to mobile phone interference
- ◆ The serial-number is one and only, the congress system supports automatically or manually assign ID to the corresponding equipment.
- ◆ Direct interpretation or indirect interpretation
- ◆ Accommodates up to 16/32 channels interpretation
- ◆ By the software setting, one language could be directly connected to 6 interpreter consoles, when the interpreter turns on the microphone, the system would automatically turn off the microphone of the last interpreter console
- ◆ A, B input channels presetting. When presetting the input channel, the occupied channel will be automatically skipped. It is quick to switch A/B input channel which works in both interlocking mode(interlock between interpreter consoles) and free mode.
- ◆ SLOW key to remind the speaker to slow down; the active mic ring or LCD will blink.

- ◆ MUTE key to temporarily mute unwanted noise.
- ◆ Interpretation operating time display: hour: minute
- ◆ Standard electret cardioid pickup pattern microphone with lamp bezel (On or Off) , rich timbre. Three kinds of soft gooseneck microphone stems for various conferences (standard: 410mm, optional: 310mm/510mm).
- ◆ Pluggable gooseneck microphone stem, convenient for equipment maintenance.
- ◆ Built-in left and right loudspeakers (2W) and adjustable volume(9 levels) . Reasonable tune trope design, output clear and loud sound. Adjusting volume through screen touch is available. language channel can be chosen.
- ◆ Support interpreter booth function and no interpreter terminal quantity limit
- ◆ Left/Right MIC jack for headset boom microphone
- ◆ Left/Right headphone jack for headphone monitoring
- ◆ Left/Right REC OUT jack ( 3.5 mm) for interpreted audio recording
- ◆ Supports dual microphone inputs
- ◆ Microphone is selectable
- ◆ A/B/C incoming channels can be pre-selected.
- ◆ A/B outgoing channels can be pre-selected.
- ◆ LCD shows channel numbers and operating information
- ◆ Could be freely connected with any congress terminal

## Technical Specifications

Installation	Desktop
Connection Method	Cable
Display Parameter	Size:65mm×32mm; Dot matrix:128×64; Backlit with white-on-blue
Acoustic Frequency Response	20Hz~20KHz
Sensitivity	-46 dBV/Pa
Equivalent Noise Level	20dBA (SPL)
Max SPL	125dB (THD<3%)
THD	<0.05%
SNR	≥96dB
MIC Type	Cardioid; 0°/180°:>20 dB (1 kHz)
Polar Pattern	410mm (standard); 310mm/510mm (optional)
Input Impedance	2KΩ
Headphone Jack	3.5 mm stereo jack×2
MIC Port	3.5 mm stereo jack×2
REC Out Port	3.5 mm stereo jack×2
Headphone Load	>16Ω
Headphone Volume	10mW
Built-in Speaker	2W/8Ω
Channel	16/32
Dimension (L*W*H)	247mm×145mm×95mm (without MIC stem)
Weight	1.2Kg(net)
Power	24V
Max Power Consumption	7W
Operating Temperature	0~45°C
Storage Temperature	-20~50°C

# System Configuration



DCS-2057 Series Flush-Mounting Backup Conference System

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