

DCS

Distributed Congress System



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DCS

Distributed Congress System



Distributed Congress System

More Convenient More Stable More Intelligent

Distributed Congress System offers fully digital, scalable, versatile and reliable platform-based congress solutions for microphone discussion, interactive voting, simultaneous interpretation, language distribution, attendance registration, camera tracking, digital recording and conference management. Redefining the conference system with cutting-edge technologies and greatly enhanced user experience, it provides rich features such as presentation transcript, intercom short messages, service calls, soft keyboard input and multilingual display.



Main Features

- **Stylish and intuitive user interface**

Equipped with a 4.3-inch LCD touch screen, the congress server and congress terminal features an elegant, interactive graphical user interface (GUI) which facilitates intuitive operation and improves user experience.

- **Scalable solution for events of all sizes**

Using the congress management system software, you can easily configure a highly scalable system for conference breakout sessions or multi-room convention.

- **Seamless integration of wired and wireless system**

By connecting a WiFi converter to the USB port, any congress terminal can become a wireless terminal, using rechargeable Li-ion battery pack and charger.

- **Web-based congress management**

You can access the web-based interface for congress management and update your system software online.

- **Absolute protection for congress privacy and security**

The system adopts cloud computing and cloud storage solutions for fast real-time data processing, and deploys proprietary end-to-end encryption (E2EE) technology to ensure the highest level of congress privacy and security protections.



Graphical User Interface

■ Congress Server

GONSIN10000



● Features

- ◆ Fully digital technology for audio signal processing and transmission, which complies with the IEC 60914 international standards for conference systems
- ◆ The congress server platform is based on Linux operating system, applicable for any large convention centre which requires strict working conditions
- ◆ Conforms to the state-of-the-art H.264/AVC digital video coding standard
- ◆ High performance DSP solution optimized for digital audio processing.
- ◆ Modular-based design allows feature expansion and system upgrade with additional function modules
- ◆ Combinations and breakout of conference rooms can be configured by the congress software
- ◆ Seamless integration of wired and wireless congress systems
- ◆ Supports web-based remote login and setting
- ◆ Supports hot standby to ensure operational reliability
- ◆ Automatic server recovery including support for hot plug or plug-and-play (PnP)
- ◆ 4.3-inch TFT true colour touch screen for operation and setting
- ◆ USB port for system upgrade, setting and backup
- ◆ Built-in test function enables the pre-event check over the microphone and LED indicators
- ◆ An unique ID number is given to every server for equipment installation, test running, orderly management and technical support
- ◆ Each server can connect up to 30 congress terminals or 11 interpreter terminals. The system capacity can be expanded by adding more terminals to repeater hubs with power supply
- ◆ The system power can be managed through the multimedia control system
- ◆ When the server and PC are connected, in case of PC failure, the server can still control the conference independently and all the preset proceedings can be run as expected
- ◆ Daisy-chain, star network topologies can be used together to meet different cabling needs for different venues

The server offers the following functions in stand-alone mode

- ◆ Attendance registration by keypress
- ◆ Automatic video tracking with preset position for panorama view, when camera tracking card is equipped
- ◆ Active microphone limit (1/2/3/4) for setting the maximum number of simultaneously activated delegate microphones
- ◆ Microphone modes: AUTO / FIFO . VOX mode is optional
- ◆ 32 language channels for simultaneous interpretation, with seamless integration of wireless (IR or DSSS) and wired interpretation system
- ◆ Voting for YES/ABST/NO

The server offers more functions under PC/software control

- ◆ Centralized microphone management
- ◆ Attendance registration using IC card
- ◆ Voting: YES/ABST/NO. Vote counting and result display are enabled by PC
 - Single-choice and multiple-choice voting
 - First keypress voting
 - Voting types and modes can be preset
- ◆ Election: elect one or more out of multiple candidates, with 'competitive election', 'equal number election' and 'quick election'
- ◆ Evaluation: Good, Fair, Poor and Abstain. Evaluation mode is defined by the PC/software



Technical Specifications

Capacity	30 congress terminals (single server)	
Maximum power	300 W	
Frequency response	30Hz-20KHz (±4dB) (set by software)	
Mains supply	AC 110/220V±10%, 50-60 Hz	
Audio inputs	LINE IN 1: +10 dBu balanced LINE IN 2: +10 dBu unbalanced	
Audio output	LINE OUT: +20 dBu	
Operating temperature	0°C to 45°C	
Storage temperature	-20°C to 50°C	
Connection	6-pin special cable	
Dimensions	430×325×133.5mm(W×D×H) 490×325×133.5mm (with rack mounting bracket)	
Weight	13.3Kg	
Mounting	19" standard cabinet	
I/O ports	2 × RS-232 4 × RJ-45 1 × USB2.0 1 × mini-USB 4 × RCA ports for 4 x dome cameras 3 × 6P DIN for congress terminals	2 × input ports for ALARM signal, 1 × control port for alarm signal 1 × LINE IN - balanced, 2 × LINE IN - unbalanced 1 × MIC IN, 2 x LINE OUT

■ Wired Congress Terminal

DCS-1022



Wired Congress Terminal

● Features

- ◆ 4.3-inch TFT true color LCD touch screen
- ◆ Stylish and interactive graphical user interface
- ◆ Multilingual support for user interface
- ◆ Seamless integration of wired and wireless congress systems
- ◆ Optional voice-activated microphone mode
- ◆ Multiple methods of attendance registration
- ◆ Plug-and-play handheld voting is supported
- ◆ Transcript display
- ◆ Soft keyboard as a text input method
- ◆ Highly resistant to mobile phone interference
- ◆ Chairman terminal can run voting
- ◆ Interpretation in up to 32 channels
- ◆ USB port for system expansion and upgrade units
- ◆ Pluggable gooseneck microphone stem
- ◆ Different network topologies can be used together
- ◆ Every terminal is given an unique ID number



● Main Functions

- ◆ Microphone modes: AUTO/FIFO. VOX mode is optional. Up to 4 microphones can be active simultaneously
- ◆ VOX mode: The microphone is automatically turned on when a delegate speaks. Sensitivity (H/M/L) and Mic time-out (20-250 seconds) can be adjusted on the congress server
- ◆ Attendance registration and 3-way voting can be run by the congress server or chairman terminal, without PC control
- ◆ Attendance is registered by IC card or microphone keypress. Attendance is counted automatically and the result can be displayed on the congress terminal
- ◆ Voting: YES/ABST/NO. Vote is automatically counted and the result can be shown on the congress terminal
 - Single-choice and multiple-choice voting
 - First keypress voting
 - Voting types and modes can be preset
 - Result is displayed as pie charts or text
- ◆ Election: elect one or more out of multiple candidates, with 'competitive election', 'equal number election' and 'quick election'
- ◆ Evaluation: Good, Fair, Poor and Abstain. Evaluation mode is defined by the software
- ◆ Interpretation: 32 language channels are can be selected and displayed on the touch screen
- ◆ Automatic video tracking supports HD camera, with preset position for panorama view
- ◆ Intercom allows to send short messages, with preset templates or soft keyboard input
- ◆ Congress terminal displays presentation transcript. Transcript font, size, colour and given time interval can be preset
- ◆ Volume, brightness, contrast, time synchronization can be adjusted on the congress terminal
- ◆ The congress terminal can be used to call service for tea, pen, paper, help, etc
- ◆ Chairman terminal can be active at any time

● Technical Specifications

Frequency response	30Hz~20KHz(±4dB)
Sensitivity	-46dB±1dB
Power input	36V
Power consumption	8W
PC communication	TCP/IP
Display	4.3-inch TFT true colour touch screen
Phone jack	3.5mm stereo
Operating temperature	0~45°C
Storage temperature	-20~50°C
Mic stem length	310mm standard, 410mm / 510mm optional
Dimensions	212mm×139mm×67mm(W×D×H)
Net weight	0.8kg



■ Wireless Congress Terminal

DCS-1022-WF

● Features

- ◆ Wireless communication using Wi-Fi technology
- ◆ 4.3-inch TFT true color LCD touch screen
- ◆ Stylish and interactive graphical user interface
- ◆ Seamless integration of wired and wireless congress systems
- ◆ No interference when multiple wireless systems are used
- ◆ Wireless unit can be easily changed into wired unit
- ◆ Optional voice-activated microphone mode
- ◆ Multilingual support for user interface
- ◆ Multiple methods of attendance registration
- ◆ Plug-and-play handheld voting is supported
- ◆ Presentation transcript display
- ◆ Soft keyboard as a text input method
- ◆ Highly resistant to mobile phone interference
- ◆ Chairman terminal can run voting
- ◆ Simultaneous interpretation in 10 channels
- ◆ USB port for system expansion and upgrade
- ◆ Pluggable gooseneck microphone stem
- ◆ Every terminal is given an unique ID number



Wireless Congress Terminal



● Main Functions

- ◆ Microphone modes: AUTO/FIFO. VOX mode is optional. Up to 4 microphones can be active simultaneously
- ◆ VOX mode: The microphone is automatically turned on when a delegate speaks. Sensitivity (H/M/L) and Mic time-out (20-250 seconds) can be adjusted on the congress server
- ◆ Attendance registration and 3-way voting can be run by the congress server or chairman terminal, without PC control
- ◆ Attendance is registered by IC card or microphone keypress. Attendance is counted automatically and the result can be displayed on the congress terminal
- ◆ Voting: YES/ABST/NO. Vote is automatically counted and the result can be shown on the congress terminal
 - Single-choice and multiple-choice voting
 - First keypress voting
 - Voting types and modes can be preset
 - Result is displayed as pie charts or text
- ◆ Election: elect one or more out of multiple candidates, with 'competitive election', 'equal number election' and 'quick election'
- ◆ Evaluation: Good, Fair, Poor and Abstain. Evaluation mode is defined by the software
- ◆ Interpretation: 10 language channels are can be selected and displayed on the touch screen
- ◆ Automatic video tracking supports HD camera, with preset position for panorama view.
- ◆ Intercom allows to send short messages, with preset templates or soft keyboard input
- ◆ Congress terminal displays presentation transcript. Transcript font, size, colour and given time interval can be preset
- ◆ Volume, brightness, contrast, time synchronization can be adjusted on the congress terminal

● **Technical Specifications**

Communication mode	WI-FI
Wireless system capacity	450 congress terminals
Frequency range	2.4GHz/5.8GHz
Frequency response	30Hz-20KHz (±4dB)
Sensitivity	-46dB±1dB
Rechargeable Li-ion battery	3000mAH
Rated voltage	12V
Power	8W
PC communication	TCP/IP
Display	4.3-inch TFT true colour touch screen
Phone jack	3.5mm stereo
Operating temperature	0°C to 45°C
Storage temperature	-20°C to 50°C
Mic stem length	310mm standard, 410mm / 510mm optional
Dimensions	212mm×139mm×67mm (W×D×H)
Net weight	0.8kg

■ **WiFi Converter**

TR-10



● **Technical Specifications**

Communication mode	WiFi
Connector	USB
Frequency range	2.4GHz/5.8GHz
Connector for single charger	DC port
Operating temperature	0°C to 45°C
Storage temperature	-20 to 50°C
Dimensions	108×29×34mm(W×D×H)
Weight	0.05kg



Congress Terminal



Top View



Front View



Rear View

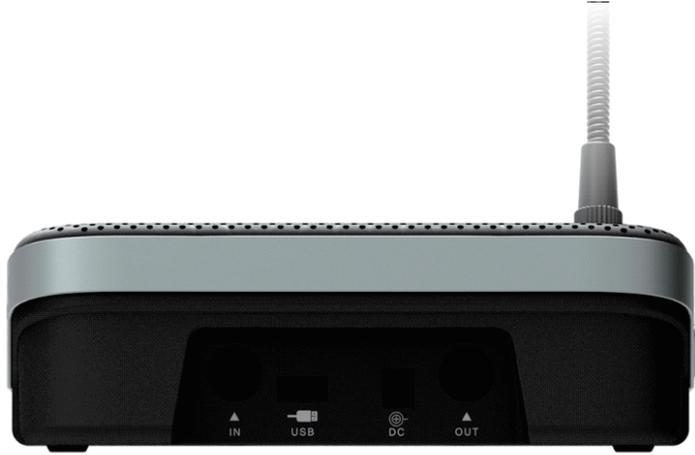


Left Side View



Right Side View

■ Congress Terminal Becomes Wireless



Congress Terminal



WiFi Converter



Wireless Congress Terminal

Charging Cabinet

CHG-10A

- ◆ Smart charger for 10 Li-ion battery packs
- ◆ Charging contacts are designed to prevent wrong-way insertion
- ◆ Green/Red LED indicators for charging status
- ◆ Automatic charge cut-off circuit to prevent overcharge
- ◆ Trickle charge will keep the battery at full capacity
- ◆ Fully charged battery packs may remain in the cabinet
- ◆ Charging time: 6 hours
- ◆ AC power supply: 100-240V, 50-60Hz
- ◆ Power consumption: 150W
- ◆ Dimensions: 344×415×87 mm(W×D×H)
- ◆ Net weight: 6.7 Kg



Wired Congress Terminal Feature Chart

Model Number	Description	Microphone	Voting	Interpretation	Multilingual Support	Touch Screen	Loud Speaker	Card Reader
DCS-1022CF	Chairman Terminal	✓	✓	✓	✓	✓	✓	✓
DCS-1022DF	Delegate Terminal	✓	✓	✓	✓	✓	✓	✓
DCS-1022D	Delegate Terminal	✓			✓	✓	✓	✓
DCS-1022DV	Delegate Terminal	✓	✓		✓	✓	✓	✓
DCS-1022DI	Delegate Terminal	✓		✓	✓	✓	✓	✓

Wireless Congress Terminal Feature Chart

Model Number	Description	Microphone	Voting	Interpretation	Multilingual Support	Touch Screen	Loud Speaker	Card Reader
DCS-1022CF-WF	Chairman Terminal	✓	✓	✓	✓	✓	✓	✓
DCS-1022DF-WF	Delegate Terminal	✓	✓	✓	✓	✓	✓	✓
DCS-1022D-WF	Delegate Terminal	✓			✓	✓	✓	✓
DCS-1022DV-WF	Delegate Terminal	✓	✓		✓	✓	✓	✓
DCS-1022DI-WF	Delegate Terminal	✓		✓	✓	✓	✓	✓

Interpreter Terminal

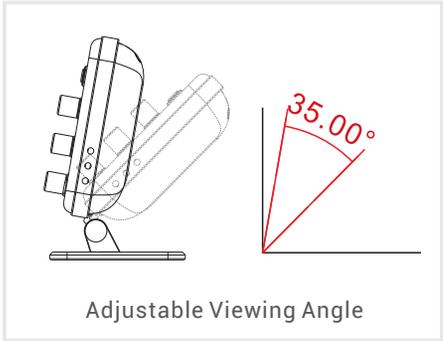
IC-1016D / 1032D

● Features

- ◆ Accommodates up to 16/32 channels for simultaneous interpretation
- ◆ 7-inch touch screen allows intuitive operation and enhanced user experience
- ◆ Ergonomic design: touch screen viewing angle is adjustable from 10° to 45°
- ◆ Operating interface can be displayed in five languages
- ◆ Intuitive display of the language name for incoming/outgoing channel
- ◆ Clock for time display and interpretation timing
- ◆ Offers call service for tea, pen, paper, help, etc
- ◆ Pluggable gooseneck microphone and headset boom microphone can be used
- ◆ A/B/C incoming channels can be pre-selected
- ◆ A/B outgoing channels can be pre-selected
- ◆ Offers direct interpretation and relay interpretation using MODE key to select the input/output audio
 - OR for direct interpretation. Switch to the original/floor channel from a relay channel. Use the floor audio for the outgoing channel
 - RE for relay interpretation. Use the relay audio for the outgoing channel
 - NO for no floor audio and no relay audio to the outgoing channel
- ◆ In the working mode of interpreter booth: 1 to 5 interpreter terminals in each booth can use the same outgoing channel. Microphone mode is FIFO (first in first out) in the same booth. Channel A and B can be quickly switched over without channel locking, and can share one output channel

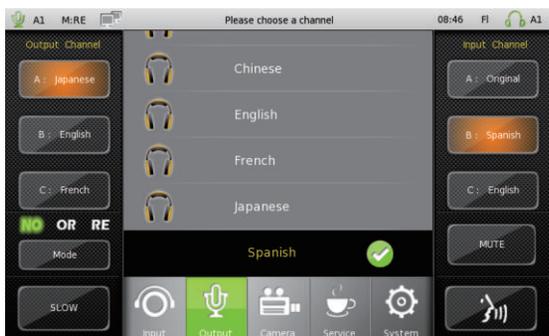


- ◆ MUTE key to enable a brief muting of the microphone for cough cut
- ◆ SLOW key to alert the current speaking delegate to speak slowly. When the key is pressed, the red ring luminant of the speaking microphone will blink
- ◆ Up to 16 or 32 interpreter terminals can be cascaded together in a daisy chain
- ◆ Interpreter terminal upgrade is allowed by USB connection to the congress server



Adjustable Viewing Angle





Graphical User Interface

● **Technical Specifications**

Frequency response	30Hz~20KHz (±4dB)
Operating voltage	36V
Language channels	16/32
Adjustable screen viewing angle	10° to 45°
Touch screen	7-inch TFT true colour
Microphone pick-up range	100-300mm
Standard microphone stem	310mm standard, 410mm / 510mm optional
Audio input/output	3.5mm jacks, MIC×2, REC×2, Headphon×2
Operating temperature	0°C to 45°C
Storage temperature	-20 to 50°C
Dimensions (W×D×H)	270×155×68.5mm (excluding base) 270×192.5×172.5mm (including base, vertical angle)
Weight	1.75Kg (including base & mic)

Power Hub

HUB-150

Features

- ◆ Designed to meet power requirement of larger congress system
- ◆ When the server is switched on, the hub automatically checks 220V voltage, 36V voltage, 36V current, temperature and performance, and reports the result to the server
- ◆ Voltage/current/temperature check: in case of over-voltage, over-current and abnormal temperature, power is turned off immediately



Technical Specifications

Single hub capacity	up to 16 congress terminals
Power supply	110/220VAC±10%, 50/60Hz
Maximum power	100 watts
Operating temperature	0°C to 45°C
Storage temperature	-20°C to 50°C
Dimensions	230×150×58 mm(W×D×H)
Weight	2 kg

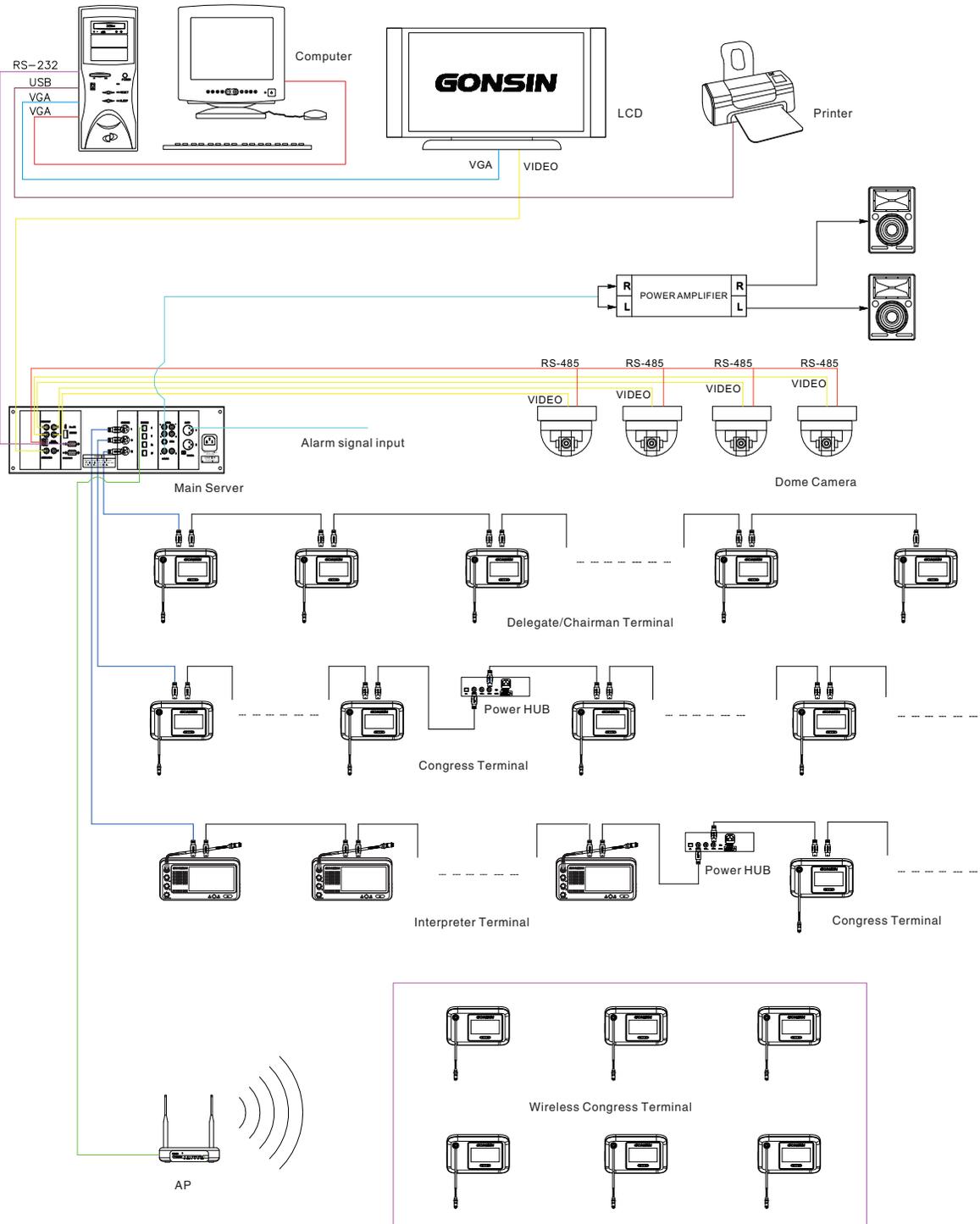
■ Wired DCS System Components

Model Number	DCS-1020D	DCS-1020DI	DCS-1020DV	DCS-1020F
Congress Server	Gonsin-10000	Gonsin-10000	Gonsin-10000	Gonsin-10000
Power Hub	HUB-150	HUB-150	HUB-150	HUB-150
Chairman Terminal	DCS-1022CF	DCS-1022CF	DCS-1022CF	DCS-1022CF
Delegate Terminal	DCS-1022D	DCS-1022DI	DCS-1022DV	DCS-1022DF
Interpreter Terminal	IC-1016D/1032D	IC-1016D/1032D	IC-1016D/1032D	IC-1016D/1032D
Interpreter Headset		TC-D2		TC-D2
Headphone		TC-D3		TC-D3
Management Software	Optional	Optional	Optional	Optional
IC Card Encoder			GX-770	GX-770
IC Card			BL7442	BL7442

■ Wireless DCS System Components

Model Number	DCS-1020D-WF	DCS-1020DI-WF	DCS-1020DV-WF	DCS-1020F-WF
Congress Server	Gonsin-10000	Gonsin-10000	Gonsin-10000	Gonsin-10000
Chairman Terminal	DCS-1022CF-WF	DCS-1022CF-WF	DCS-1022CF-WF	DCS-1022CF-WF
Delegate Terminal	DCS-1022D-WF	DCS-1022DI-WF	DCS-1022DV-WF	DCS-1022DF-WF
WiFi converter	TR-10	TR-10	TR-10	TR-10
Li-ion battery pack	BAT3300	BAT3300	BAT3300	BAT3300
Charging cabinet	CHG-10A	CHG-10A	CHG-10A	CHG-10A
AP	AP	AP	AP	AP
Audio Processor		AP-1009		AP-1009
Interpreter Terminal		IC-1016D/1032D		IC-1016D/1032D
Interpreter Headset		TC-D2		TC-D2
Headphone		TC-D3		TC-D3
Management Software	Optional	Optional	Optional	Optional
IC Card Encoder			GX-770	GX-770
IC Card			BL7442	BL7442

System Configuration



DCS-2021 Distributed Congress System



■ System Overview

DCS-2021 basic discussion terminal allows the delegate to speak, request to speak, listen to speech, with automatic camera tracking. Each congress terminal comes with headphone jack and volume control for the delegate to hear the floor audio and any interpreted language channel, and adjust volume level for comfortable listening. 1 to 4 delegate microphones can be activated at the same time. Built-in loudspeaker automatically mutes when the microphone is turned on. Under voice-activated mode, the microphone is automatically turned on when the delegate speaks, and VOX sensitivity can be adjusted.



■ Congress Terminal

DCS-2021

● Features

- ◆ Superior CD quality sound
- ◆ Capacitive touch buttons
- ◆ Up to 16-channel interpretation
- ◆ Voice activation mic mode
- ◆ USB port for feature expansion
- ◆ Highly resistant to interference
- ◆ Pluggable gooseneck microphone
- ◆ High quality built-in loudspeaker





DCS-2021C
Chairman Discussion Terminal

DCS-2021D
Delegate Discussion Terminal



DCS-2021CI
Chairman Discussion and Interpretation Terminal

DCS-2021DI
Delegate Discussion and Interpretation Terminal

● Main Functions

● DCS-2021C/D Discussion Terminal

● DCS-2021C/DI Discussion and Interpretation Terminal

- ◆ Microphone discussion: push to talk or request to talk. AUTO/FIFO/OPERATOR modes are available for microphone management. Speech can be heard via headphone or built-in loudspeaker.
- ◆ DCS-2021C/DI: Language interpretation: 1+15 channels. Channel number can be selected via Left/Right buttons.
- ◆ Voice-activated microphone mode: the microphone is automatically turned on when a delegate speaks. Sensitivity (H/M/L) and Mic time-out (20-250 seconds) can be adjusted on the congress server. Four delegate microphones can be activated at the same time.
- ◆ Attendance registration: by key press or supplementary registration.
- ◆ Automatic camera tracking with preset panoramic position. HD camera is supported.
- ◆ Congress terminal comes with a USB for feature expansion.
- ◆ Dynamic LCD messages for registration, discussion and interpretation.
- ◆ Chairman terminal can be activated at any time without preset mic limit
- ◆ Chairman priority button to override all active delegate terminals.

● **Technical Specifications**

Mounting type	tabletop
Frequency response	30Hz-20KHz (±4dB)
VOX sensitivity	H/M/L (76dB/80dB/82dB)
Power input	36V
Microphone length	standard 410mm, optional 310mm/510mm
LCD	47mm×18mm, backlit with white-on-blue
Expansion port	USB
Built-in speaker	3W/4Ω
Phone jack	3.5mm mini
Weight	0.9 kg



■ **Congress Terminal Feature Chart**

Model No.	Description	Attendance	Discussion	Voting	Interpretation	LCD	Mounting	Congress Server
DCS-2021C	Chairman	✓	✓		✓	✓	desktop	Gonsin20000
DCS-2021D	Delegate	✓	✓		✓	✓	desktop	Gonsin20000
DCS-2021CI	Chairman	✓	✓	✓	✓	✓	desktop	Gonsin20000
DCS-2021DI	Delegate	✓	✓	✓	✓	✓	desktop	Gonsin20000

■ Congress Server

GONSIN20000

GONSIN20000 Congress Server connects up to 45 congress terminals. Power hubs can be used to expand the system. Using one single 6-pin cable, power hubs can be cascaded together with the congress server to set up a large system of up to 4096 terminals. Built-in 8x1 video matrix switcher enables automatic camera tracking with additional dome camera(s) without PC software control. Built-in DSP function can be used to prevent acoustic feedback when necessary. Built-in audio mixer is able to compensate treble and bass for excellent sound quality. VOX H/M/L sensitivity and loudspeaker volume level can be adjusted for all terminals or single terminal. Terminal number writing can be done. Terminal LCD contrast is adjustable. Up to 16 channels are available for simultaneous interpretation.



● Features

- ◆ Built-in DSP module for feedback prevention
- ◆ LCD screen to display the system setting status
- ◆ VOX sensitivity can be easily adjusted
- ◆ Built-in module for 8x1 video matrix switcher
- ◆ Extended module for HD camera tracking
- ◆ Built-in module for treble and bass compensation

● **Main Functions**

● Offline functions without PC/software control

- ◆ Voice-activated mic mode with adjustable VOX sensitivity and auto mic time-out
- ◆ H/M/L sensitivity can be adjusted for all terminals or single terminal
- ◆ Loudspeaker volume level can be adjusted for all terminals or single terminal
- ◆ Terminal number writing can be done
- ◆ Terminal LCD screen contrast can be adjusted
- ◆ Built-in 8x1 video matrix switcher with preset panoramic position.
- ◆ Each congress server supports up to 8 cameras.
- ◆ Supports automatic video tracking for dome camera and HD camera
- ◆ Up to 4 delegate microphones can be activated at the same time
- ◆ 4 microphone modes can be selected: VOX/AUTO/FIFO/OPERATOR
- ◆ Up to 16 channels for simultaneous interpretation
- ◆ DSP for acoustic feedback prevention
- ◆ Treble/bass compensation for excellent sound quality

● Extended functions with PC/software control

- ◆ Operator can click terminal icons for terminal management
- ◆ Operator can allow or reject any delegate request to talk
- ◆ Speaking time limit can be preset to turn off terminal



● **Technical Specifications**

Power input	AC110/220V±10%		
LCD	Dot matrix 128×64, backlit with white-on-blue		
VOX sensitivity	H/M/L (76dB/80dB/82dB)		
Max power capacity	300W	Camera number	8
Frequency response	30Hz-20KHz (±4dB)	Active delegate microphone limit	1/2/3/4
THD	<0.3%	Camera tracking protocol	PELCO-P9600, VISCA
S/N ratio	≥95dB	Video matrix input	RCA×8 (1Vp-p 75Ω)
External audio input	6.5mm jack , 0.775V	Video matrix output	RCA×4 (1Vp-p 75Ω)
Audio outputs	1x balanced, 2x unbalanced	Operating temperature	-0 - 45°C
REC OUT audio output	0-2.8V Vpp	Storage temperature	-20 - 50°C
A single standard capacity	45 sets	Mounting	tabletop or 19" rack
PC communication	TCP/IP, RS-232	Dimensions (W×H×D)	485mm×90mm×325mm
Camera control	RS-485	Weight	14Kg

Interpreter Terminal

Gonsin IC-2016

● Features

- ◆ Accommodates up to 16-ch interpretation
- ◆ LCD shows channel numbers and operating info
- ◆ Offers direct interpretation and delay interpretation
- ◆ Supports dual microphone input
- ◆ Microphone is selectable
- ◆ A/B/C incoming channels can be pre-selected.
- ◆ A/B outgoing channels can be pre-selected.
- ◆ Interpretation operating time display
- ◆ Reminder for speaking slowly
- ◆ MUTE key for cough cut





● **Main Functions**

- ◆ Direct interpretation and relay interpretation
- ◆ A/B/C incoming channels can be preset easily and selected quickly.
- ◆ A/B outgoing channels can be selected easily with interlocking mode and open mode
- ◆ Channel selection key (< / >): long press to move up/down quickly, short press to move up/down one channel.
- ◆ Outgoing channel automatically switches to the floor audio when all the mics are turned off.
- ◆ FLOOR indicator for floor audio input; RELAY indicator for relay channel.
- ◆ MUTE key to temporarily mute unwanted noise.
- ◆ SLOW key to remind the speaker to slow down; the active mic ring luminant or LCD will blink.
- ◆ Left/Right REC OUT jack for interpreted audio recording
- ◆ Left/Right MIC jack for headset boom microphone
- ◆ Left/Right headphone jack for headphone monitoring
- ◆ Built-in speaker with volume control
- ◆ Interpretation operating time display: hour:minute
- ◆ Interpreter units can be caracaded together in a daisy-chain

● **Technical Specifications**

Language channels	16
Operating voltage	36V, powered by congress server
LCD	65mm x 32mm, dot matrix 128×64, backlit with white-on-blue
Microphone pick-up range	100-300mm
Microphone length	410 mm standard
Audio input/output	3.5mm jack, MIC×2, REC×2,
Operating temperature	0°C to 45°C
Storage temperature	-20 to 50°C
Dimensions (W×D×H)	247×145×95mm (excluding mic stem)
Net weight	1.2 kg

Power Hub

HUB-150

Features

- ◆ Designed to meet the power requirement for larger congress system.
- ◆ Automatically checking voltage/current/temperature



Main Functions

- ◆ Each power hub can supply power to 16 congress terminals
- ◆ Voltage/current detection: in case of over-voltage and over-current, power is turned off immediately and alarm is sent to the server.
- ◆ Temperature check: in case of abnormal temperature, power is turned off immediately and alarm is sent to the server.

Technical Specifications

Single hub capacity	up to 16 congress terminals
Power supply	110/220V±10% , 50/60Hz
Maximum power	100W
Dimensions(W×H×D)	230mm×160mm×60mm
Weight	2kg
Operating temperature	0-45°C
Storage temperature	-20-50°C

System Configuration

