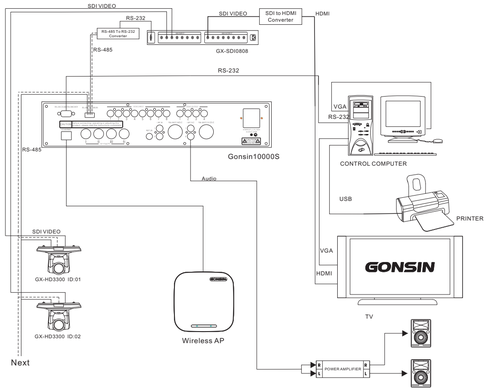
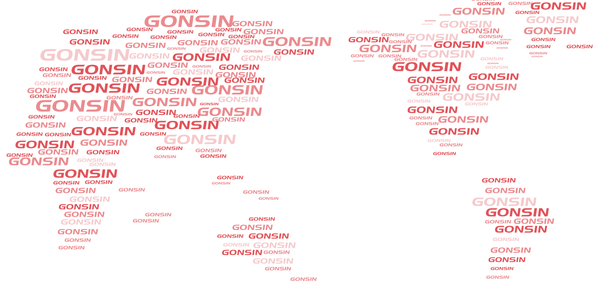
# System Diagram



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**GONSIN CONFERENCE EQUIPMENT CO.,LTD.**
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GONSIN®

# DCS-1021

## Wireless Congress System

GONSIN®
Delivering Trust & Value



# DCS-1021 Wireless Congress System

## Main Features

- Support 2.4 G / 5.8G dual-band communication to ensure system stability;
- Microphone sensitivity can be adjusted from level 0 to 4;
- With offline 8 in 1 out SD video tracking matrix, HD camera is supported;
- Terminals can be uniformly shutdown by server after the conference;
- With timing function, when the timing ends, the server can be used after reauthorization;
- System capacity can be up to 450 units of terminals;
- CD-quality sound;
- Multiple systems work simultaneously under same environment without disturbing each other.

# DCS-1021-W Wireless Congress Terminal

## Features

- Support 2.4 G/ 5.8G dual-band communication;
- CD-quality sound;
- Terminal battery duration (speaking state) ⩾ 14 hours;
- Highly resistant to mobile phone interference
- Pluggable MIC stem;
- Metal material, high texture;
- Microphone sensitivity can be adjusted from level 0 to 4.

## Functions

- Congress terminals use dot matrix LCD to display the microphone switch status, network connecting status, ID number and battery level information and so on;
- Multiplexing switch microphone button to achieve long press on / off;
- Attendance registration: by key press or supplementary registration;
- With battery detection function;
- Low voltage warning and automatic shutdown protection function;
- Multiple systems work simultaneously without disturbing each other via SSID network setting;
- Two microphone modes: AUTO / FIFO;
- Removable lithium batteries for centralized charging.

## Technical Specifications

| | |
|---|---|
| Communication mode | 2.4 G / 5.8G dual band |
| Frequency response | 30Hz~22KHz |
| Sensitivity | -46dB±1dB |
| Dot matrix | 128 x 64 LCD backlit with white-on-blue |
| Working Voltage | 11.1V |
| Battery capacity | 3000mAH |
| Battery life | ≥14 hours (speaking state) |
| Earphone port | 3.5mm jack, MIC×2,REC×2 |
| MIC stem length | 310mm (Optional 410mm/510mm) |
| Dimensions | 212mm×139mm×67mm |
| Weight | 0.8Kg |
| Operating temperature | 0~45℃ |
| Storage temperature | -20~50℃ |



# GONSIN10000S Congress Server

## Features

- The congress server platform is based on Linux operating system, applicable for any large convention center requiring strict working conditions;
- Fully digital technology for audio signal processing and transmission, which complies with the IEC 60914 international standards for conference systems;
- High performance DSP solution optimized for digital audio processing;
- Unified Server Shutdown function.

## Functions

- Each server has a globally unique ID number ,which is easy for installation and orderly management;
- Supports 8 x 1 SD / 8 x 8 HD automatic camera tracking function;
- Two microphone modes: AUTO / FIFO;
- Up to 4 microphones can be active simultaneously (1 chairman terminal +1/2/3 delegate terminal);
- The server comes with an LCD panel and navigation buttons, which are for all function setup operation;
- Terminal ID number can be wrote through the server, more convenient for device management;
- Unified terminals shutdown function hens effectively reduce the work;
- Sound pickup sensitivity of the terminals can be adjusted individually or collectively via the server;



## Technical Specifications

| | |
|---|---|
| Capacity | Single wireless AP:150 Terminals ; can be extended to 450 terminals with extra wireless AP |
| Frequency response | 30Hz~20KHz |
| Signal to noise ratio | ≥75dB |
| Distortion Degree | ≤0.5% (50HZ ~ 8KHZ) |
| System stability communication distance | 30m |
| LCD panel | 128x64 dot matrix |
| Main supply | AC110~220V±10% 50~60Hz |
| Audio Output | +20dBu |
| Ports | 1x 8pin(to connect interpreter console)<br>2x audio output<br>1x RJ-45 (to connect a wireless AP / PC)<br>1x RS-232( to connect camera tracking switcher)<br>1x RS-485 ( to connect camera) |
| Mounting | 19" standard cabinet |
| Dimensions ( W×H×D) | 485mm×90mm×325mm |
| Weight | 7.2Kg |
| Operating temperature | 0~45℃ |
| Storage temperature | -20~50℃ |

# CHG-10A Charging Cabinet

## Features

- Real time management of battery and charging current
- Green/Red LED indicator lights for charging status
- Charging contacts are designed to prevent wrong-way insertion

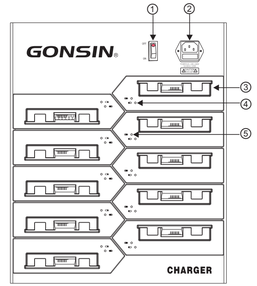
## Functions

- Real time management of battery and charging current , extending battery lifetime ;
- With an independent modular design for the charging circuit, the battery can detect automatic;without inserting the batteries, charging module will not work ;
- Smart charger for 10 Li-ion battery packs , with 6-hour charging time ;
- Green/Red LED indicator lights for charging status.

## Technical Specifications

| | |
|---|---|
| Main supply | AC100~240V , 50~60Hz |
| Power | 150W |
| Charging time | 6 hours |
| Weight | 6.7Kg(net weight)/8.7 Kg(ful load) |
| Dimensions | 415×344×87mm |
| Operating temperature | 0~45℃ |
| Storage temperature | -20~50℃ |

## Function Indicators




1.Power switch
2.Power port ( AC 110-220V 50Hz )
3.Charging Grid,to charge the battery by inserting the metal side of it into the grid
4.Charging indicator light, when not fully charged, the red indicator light is on
5.Charging indicator light, when fully charged, the green indicator light is on