



Max 4096 pcs Sign-in Voting Statistic Priority Apply Camera File App Service 5G Wireless Network

**D7101 D7341**  
**5G Wireless Conference System**  
**Solution for Small and Medium-Sized**  
**Conference Rooms**

# Solution Overview

- With the development of information technology and intelligence, conference rooms, as important places for modern office work and communication, increasingly require efficient, convenient, and intelligent meeting solutions. The combination of 5G technology and the high-speed transmission capabilities of WiFi networks can provide a smoother audio and video experience for conference rooms. Additionally, the use of centralized control systems, camera tracking, and professional sound reinforcement systems will provide strong support for the smooth conduct of meetings. The solution proposed in this article aims to create a conference room system that integrates wireless, intelligent, high-definition, and interactive features using these technologies.

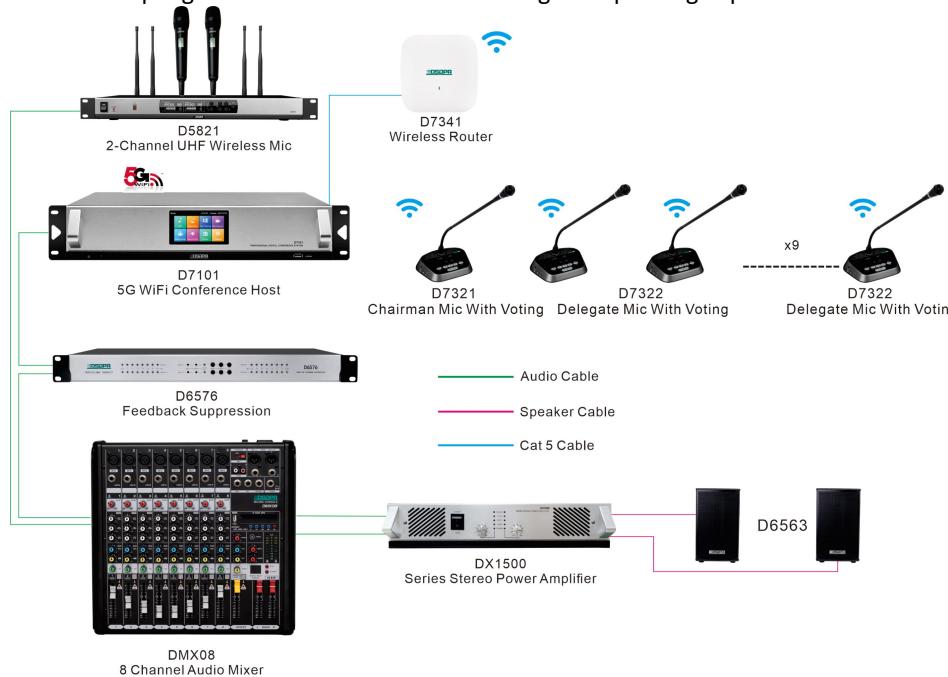


## Project Requirement

- Efficient and Stable Network Connection:** Providing high-speed, low-latency wireless network for conference rooms through 5G technology, ensuring real-time transmission of various types of video, audio, and data.
- Flexibility and Scalability:** Wireless systems allow devices to be deployed and adjusted more flexibly, and are easy to scale to accommodate different sizes of conference needs.
- Seamless Connection and Coverage:** Ensure that different terminal devices (such as smartphones, computers, tablets, etc.) can connect smoothly during the conference and achieve real-time interaction.
- Simplified Wiring and Equipment Management:** Reduce the arrangement of cables in conference rooms, enhance the cleanliness and aesthetics of the space, and lower maintenance costs.

# Pro Sound Solution for 100m<sup>2</sup> Small Conference Rooms

- About 100 square meters conference room (LxWxH) (12x8x4m)
- System Composition: 5G WIFI conference system, professional sound amplification system.
- System Functions: voting meetings, sign-in votes, professional audio amplification.
- **System Advantages:**
  - ◆ No wiring required, easy to install, convenient to use and maintain, no longer restricted by venues, spaces, or wiring.
  - ◆ The 5GHz communication frequency band has stronger anti-interference capability and provides greater bandwidth and transmission speed.
  - ◆ Using 128-bit AES encryption technology, supporting WPA/WPA2 wireless security technology, providing higher confidentiality for the conference system;
  - ◆ Supports uncompressed audio transmission technology with perfect sound quality from 20Hz to 20KHz, and a 48K sampling rate creates a seamless listening and speaking experience.



No.	Model	Product Name	Quantity
1	D7101	Full Digital Conference System Host	1
2	D7341	5G WiFi Wireless Router	1
3	D7331	5G WiFi Conference Microphone Charger	1
4	D7321	5G WiFi Chairman Microphone With Voting	1
5	D7322	5G WiFi Delegate Microphone With Voting	10
6	D5821	True Diversity UHF Wireless Microphone System	1
7	DMX08	8 Channels Audio Mixer	1
8	D6576	Feedback Suppression	1
9	DX1500	Professional Stereo Amplifier (8Ω; 2x230W)	1
10	D6563	8" 150W Professional Two Way Cabinet speaker	2
11	D5A	Wall Mount Kits	2
12	MP15U	15U 19" Rack with Door and Fan	1

# Central Control System Pro Sound Solution for 200m<sup>2</sup> Medium-Sized Conference Rooms

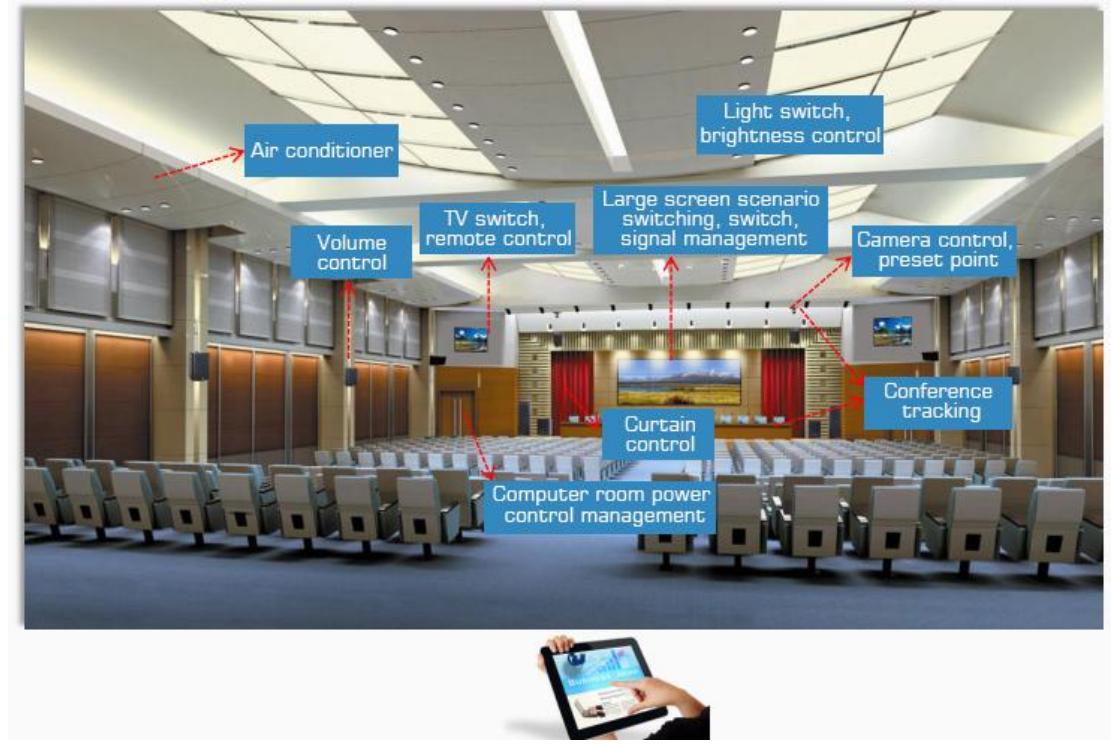
- About 200 square meters conference room (LxWxH) (20x10x4m)
- System Composition: Conference unit system + video matrix system + central control system + professional sound reinforcement system.
- System Function: With automatic camera tracking, video switching function, one-touch control of lighting, air conditioning, curtain switch, etc.
- System Advantages:

**Efficient and Convenient:** 5G wireless technology ensures high-speed transmission for meetings, avoiding the limitations of traditional wired networks, thus enhancing the flexibility and efficiency of conference.

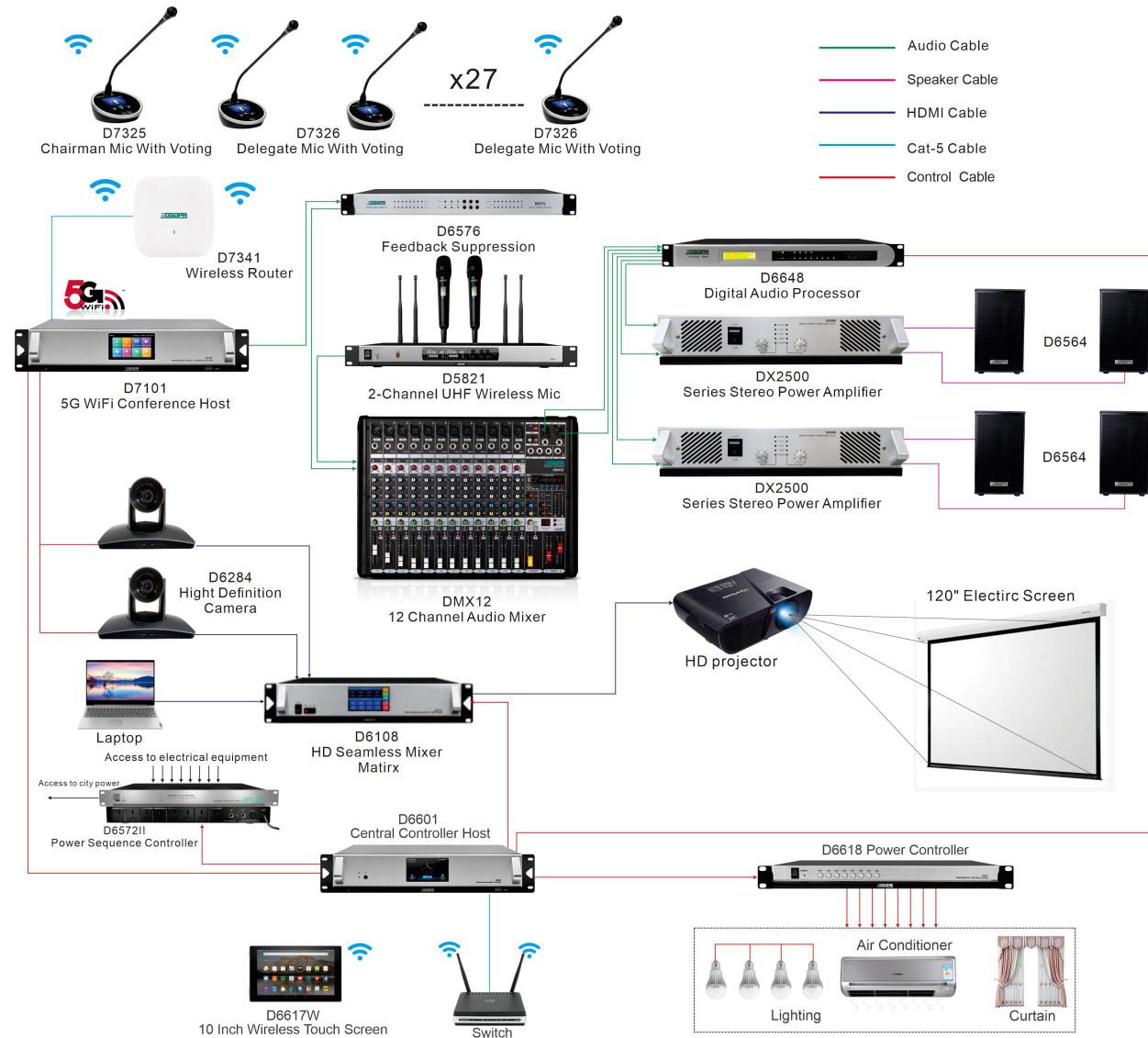
**Intelligent Management:** The automated management of the central control system simplifies the operating processes, reduces the complexity of manual operations, and decreases the probability of failures.

**Precise Video Tracking:** The camera tracking system provides stable, high-definition video effects, capable of clearly capturing every speaker, enhancing the interactivity of the conference.

**Outstanding Sound Quality:** The professional sound reinforcement system ensures that every participant in the conference room can hear the speaker clearly, enhancing the quality and effectiveness of the conference.



# System Connection + Product List for 200m<sup>2</sup> Medium-Sized Conference Rooms



Note: This plan is for reference only, please contact us if needed.

No.	Model	Product Name	Quantity
1	D7101	Full Digital Conference System Host	1
2	D7341	5G WiFi Wireless Router	1
3	D7331	5G WiFi Conference Microphone Charger	3
4	D7325	5G WiFi Chairman Microphone With Voting	1
5	D7326	5G WiFi Delegate MicrophoneWith Voting	28
6	D6576	Feedback Suppression	1
7	DMX12	12 Channels Audio Mixer	1
8	D6648	Digital Audio Processor	1
9	DX2500	Professional Stereo Digital Power Amplifier (8Ω; 2x400W)	2
10	D6564	10" Two-way Full Range Speaker	4
11	D5A	Wall Mount Kits	4
12	D6284	HD Camera	2
13	D6108	HD Seamless Mixer Matirx	1
14	D6601	Central Controller Host	1
15	D6618	Power Controller	1
16	D6617W	10 Inch Wireless Touch Screen	1
17	HD Project	HD Project+120°Electric Screen	1
18	D6572II	Power Sequence Controller	1
19	Router	Router	1
20	Laptop	Laptop	1

# D7101 D7341 5G WiFi Wireless Conference System



The 5G WiFi conference system adopts the 5.8GHz communication frequency band, which has stronger anti-interference capability and provides greater bandwidth and transmission speed; it utilizes soft mixing wireless WiFi digital audio transmission technology to provide an uncompressed, lossless, low-latency and easy-to-intall conference system solution.



# ■ Features - D7101 D7341 5G WiFi Wireless Conference System



1

Using 5GHz communication frequency band for strong anti-interference capability.

2

Using 128-bit AES encrypted technology and WPA/WPA2 wireless security technology.

3

Using full digital transmission and processing technology for uncompressed audio transmission.

4

With dual-band wireless access point, using the latest 802.11ac solution.

5

With **one-key shutdown** of all wireless units.

6

Allowing wireless APs expansion by connecting a PoE network switch.

7

With abundant conference application functions to meet the needs of daily conference applications.

8

With large system capacity; allowing connection to  $\leq 4096$  wired conference units,  $\leq 300$  wireless conference units.

# System Connection - D7101 D7341 5G WiFi Wireless Conference

Built on the full digital conference system, the 5G WiFi conference system adopts the 5GHz communication frequency band, which has stronger anti-interference capability and provides greater bandwidth and transmission speed, and applies soft mixing wireless WiFi digital audio transmission technology to deliver an easy-to-install conference system solution.



D7101 Full Digital Conference Host



5G WiFi Wireless Router



D7321 5G WiFi Chairman Unit



D7322 5G WiFi Delegate Unit



D7323 5G WiFi Chairman Unit



D7324 5G WiFi Delegate Unit



D7325 5G WiFi Chairman Unit



D7326 5G WiFi Delegate Unit

— Network Data Cable

# Product Introduction - D7101 Network Conference System Host



Max 4096 pcs



Sign-in



Voting



Statistic



Priority



Apply



Camera



File



App



Service



Nameplate



Network

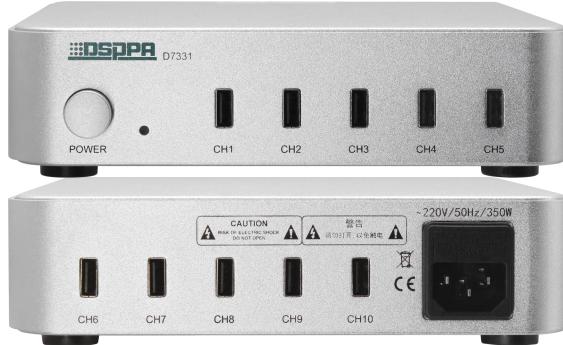
- A conference system can connect up to 4096 conference units.
- Built-in DSP network audio processor, providing uncompressed, high-quality sound effects.
- High-fidelity networked line design, with high microphone stability and strong anti-interference capability.
- Supports five meeting modes: first in, first out; normal mode; voice control mode; free mode; and application mode.
- The entire meeting can be recorded, with both automatic and manual recording options available.
- It has a speaking timer and a reminder countdown for the end of the speaking time. It can also remotely control the opening or closing of the microphone.
- It has a 5V alarm trigger voltage input interface, which combines with the alarm audio input interface to implement the emergency alarm override function.
- 4 100Mbps 48V powered RJ45 network interfaces for network transmission protocol and 48V power supply to the connected conference units.
- It supports both wired conference unit connections and 5G WiFi wireless conference units; it realizes three connection modes: pure wired unit connection, pure wireless unit connection, and a mixed connection of wired and wireless units.
- It can be paired with a simultaneous interpretation system to achieve real-time translation, ensuring that participants can understand the speech content in real time.

# Product Introduction - D7341 D7331



## D7341 5G WiFi Wireless Router

- Supporting the second generation of 11ac MU-MIMO Wave-2 technology, three times as many as the number of users accessing traditional AP.
- AP supports cross-layer, VLAN management.
- There are a lot of SSID, VLAN isolation in Chinese.
- Seamless roaming, load balancing.
- Spectrum Navigation, 5G first.
- Business and management IP separation.
- AP Trace.



## D7331 5G WiFi Conference Microphone Charger

- The charging case includes 10 outlets to simultaneously charge 10 lithium-ion-battery wireless conference units.
- The lithium battery is 10000mAH, empty to full charge in 3.5 hours;
- It has 10 USB-a output voltage connectors;
- Supporting high-pass Qc3.0 charging protocol and fast and slow charging; Wide voltage input AC100V-240V/50-60Hz.

# Product Introduction - D7321/D7322 Conference Unit With Voting



- Use 2.42 inch OLED screen, display voting results, volume, microphone status, power state, WiFi status, etc.
- Wide viewing angle, with high contrast 128 × 64
- Built-in rechargeable lithium battery, battery capacity 10000mAh, continuously speaking for more than 8 hours
- 128-bit AES digital encryption technology, WAP / WAP2 security connection, MAC address filtering, hidden SSID, prevent eavesdropping and unauthorized access
- High directive microphone, with windproof cover, with LED indicator ring, speech for red, wait for green
- D7321 is chairman microphone, with first priority button
- D7322 is delegate microphone, location is unrestricted, support check-in function
- Using a low-delay technology, minimum delay is less than 20 ms; non-compressed audio transmission,
- 48K sampling rate, digital control, high quality of audio transmission

Note: Standard equipped with a 186mm aluminum alloy square rod, optional gooseneck/oval microphone rod.

# Product Introduction - D7323/D7324 Conference Unit



D7323

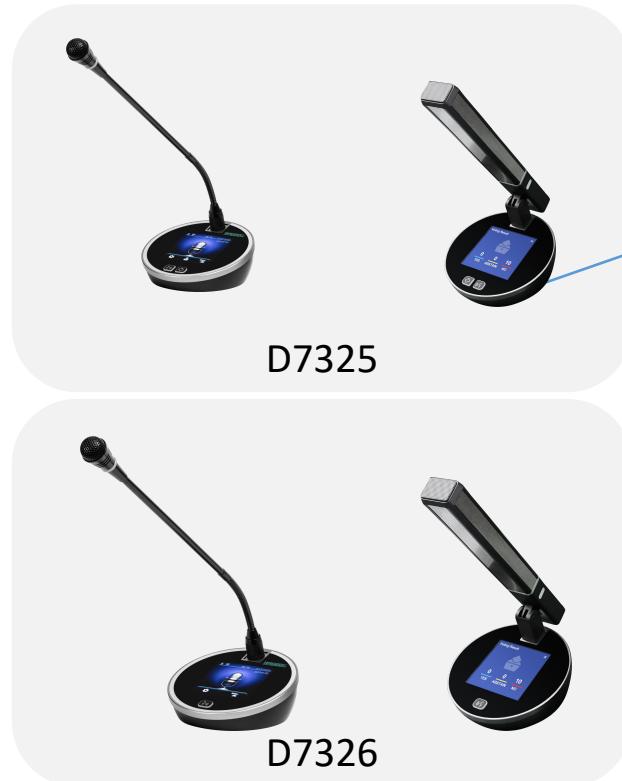


D7324

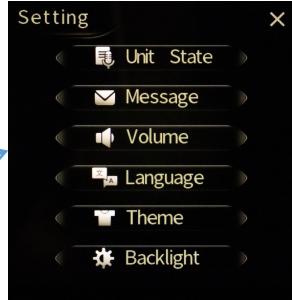
- Use 2.42 inch OLED screen, display voting results, volume, microphone status, power state, WiFi status, etc.
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- High directive microphone, with windproof cover, with LED indicator ring, speech for red, wait for green
- D7323 is chairman microphone, with first priority button
- D7324 is delegate microphone, location is unrestricted, support check-in function
- Minimum delay is less than 20 ms; non-compressed audio transmission
- 48K sampling rate, digital control, high quality of audio transmission

Note: Standard equipped with a 186mm aluminum alloy square rod, optional gooseneck/oval microphone rod.

# Product Introduction - D7325/D7326 Conference Unit With Voting



Note: Standard equipped with a 186mm aluminum alloy square rod, optional gooseneck/oval microphone rod.



- 4-inch square LCD touch screen
- Real-time display of ID, voting results, and attendance status
- Switch between Chinese and English / Volume / Theme Settings
- Intelligent function integration:  
Speech/Sign in/Vote/Rating/Text message/Tea service
- Chairman's unit exclusive:
  - ✓ All members mute/turn off the representative unit
  - ✓ Initiate a vote
  - ✓ Approve the speech application
  - ✓ No limit on the number of speeches.

## Core Features:

- 5G WiFi 128-bit AES digital encryption
- WAP/WAP2 secure connection MAC filtering SSID hiding
- Anti-eavesdropping and unauthorized access

# Cases - D7301 5G WIFI Wireless Conference System



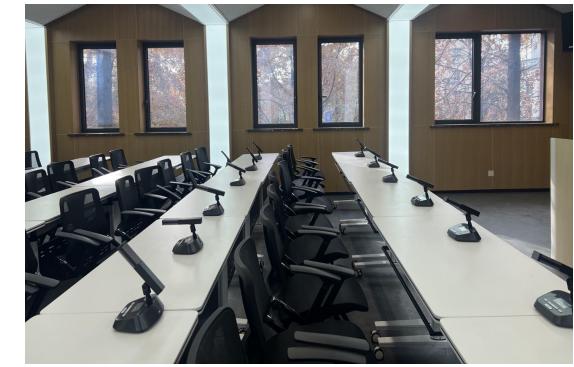
**Cultural Center for  
Workers**



**VIP Conference Room for  
Azerbaijan Veyseloglu Group**



**Ministry of Foreign  
Affairs of Uganda**



**Shanghai University of  
Sport Xuhui Campus**

The D7301 5G WIFI wireless conference system is suitable for various meeting scenarios, such as internal corporate meetings, international summits, academic seminars, and command and dispatch, where it can play an important role.

More cases at [www.dsppacs.com](http://www.dsppacs.com)



# CREATING THE BEST

# SOUNDING THE WORLD

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