



5G WiFi Conference System for Multiple Room Types



Max 4096 pcs



Sign-in



Voting



Statistic



Priority



Apply



Camera



File



App



Service



5G



Wireless



Network

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■ System Introduction

5G WIFI Encrypted Wireless Conference System adopts **5.8GHz** communication band with stronger anti-interference capability, providing greater **bandwidth and transmission speed**. Based on the **ARM9 embedded system platform**, the system adopts high-performance **DSP** digital audio processing technology and high-fidelity line design, and combines advanced control technology with audio processing technology to realize **digital and visualized audiovisual conference system**.

5G WiFi Conference System **integrates function settings** such as conference speech, discussion and voting, terminal equipment status detection and management, automatic camera tracking system and emergency alarm functions, as well as a variety of conference modes to realize conference recording.

The conference system is **composed** of the host D7101, conference mics, 5G WiFi encrypted wireless conference router, 5G WiFi wireless conference mic special charging box, camera, etc.



6 System Highlights

Rich Application Functions

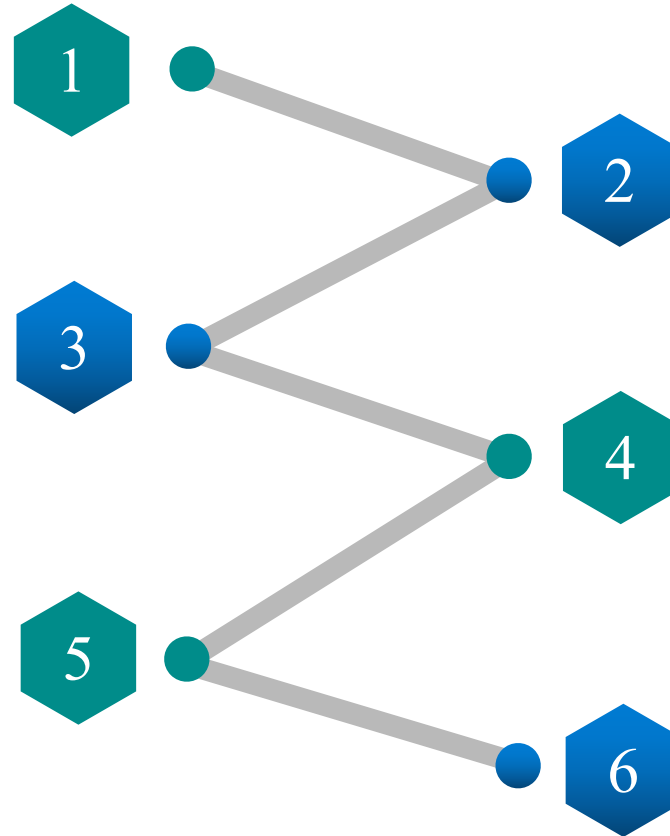
With wireless and wired conference sign-in, conference speech, voting, speech countdown, auto camera tracking, fire linkage, etc.

Noise Suppression

Effectively prevent sound backhaul; with built-in high-fidelity speakers; automatically mute after the mic is turned on, and it is not easy to produce whistles, ensuring the quality of the conference; with 7 bands of EQ adjustment function (adjustable on PC software), different sound effects can be adjusted according to the speaker's voice characteristics until the perfect effect is achieved.

Simple Architecture, Break Through Limitations

Based on the transmission mode of WiFi wireless technology, a host, a WiFi router, and multiple wireless conference microphones can form a wireless WiFi conference system, breaking through the wired transmission mode, with more convenient and simple installation and deployment.



Powerful Load Capacity

Support 300 wireless conference mics to access, which can be for unified management and data processing in the background.

HiFi Quality, High-confidentiality Encryption

Adopt uncompressed audio transmission technology, with perfect sound quality of 20Hz-20KHz, 48K sample rate.

Adopt 128-bit AES encryption technology to ensure the security of conference information.

Highly Reliable Transmission Technology

Adopt 5GHz communication band, with stronger bandwidth and communication speed, with good resistance to radio waves, electromagnetic interference, for faster and more stable wireless signal transmission.

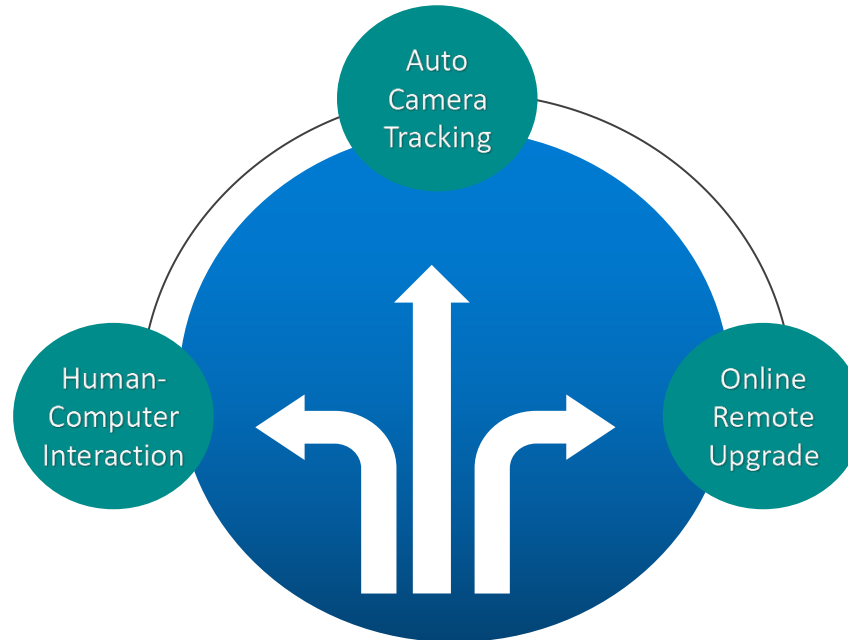
■ 3 Highlights of System Host

Fast Charging & Long Battery Life

The conference mic adopts a large-capacity Lithium battery, with long battery life. The battery supports fast charging, has the function of shutting down all WiFi units with one key, getting real-time information, and achieving comprehensive hardware monitoring.

Adopt OLED display, with smart screensaver

Display WiFi signal strength, battery level, mic information, and speech countdown and other status.



Support PC Control & Online Remote Upgrade

All functions of the system can be controlled on PC software. The host and mic support the online remote upgrade function for more convenient future maintenance and function optimization.

■ Main Devices of 5G WiFi Conference System D7301

D7101 Full Digital Conference Host



Features:

- With 4.3" HD touch screen.
- With built-in high-performance ARM processor, high fidelity, high SNR ratio.
- With DSP digital audio processing technology, low frequency cut and equalizer.
- With 5 speech modes; conference check-in; voting; speech timing and reminder countdown.
- Integrate automatic camera tracking technology, hot backup function, and conference recording.
- Support automatic detection and remote control.
- Adopt 5.8GHz communication band, with stronger anti-interference capability.
- Support 6 mics to be opened synchronously, support internal two-way talk, and seamless docking with Central Control System.

D7321 5G WiFi Chairman MIC with Voting Function

D7322 Delegate MIC with Voting Function



D7321 Chairman MIC

D7322 Delegate MIC

1. With voting and sign-in function
2. Built-in 1.5W speaker unit
3. With 3.5mm headphone jack
4. With LCD screen to display ID, voting and sign-in results, etc.

Features:

- With built-in UHF wireless receiving chip for unit monitoring conference audio.
- Adopt 128-bit AES digital encryption technology, with WAP/WAP2 secure connection, MAC address filtering, and hidden SSID security to prevent eavesdropping and unauthorized access.
- With high-fidelity sound quality, wireless unit supports up to 6 mics to be opened synchronously.
- Can be used as a chairman/delegate/VIP mic, and the chairman one has priority function; can set time-limited speech, so when the time is up, it will remind the user or automatically turn off the mic, and a prompt tone can be set.
- With the function of shutting down all WiFi units with one click. This machine can obtain real-time information of WiFi signal strength and current battery power for remote comprehensive hardware monitoring on the PC.
- With built-in speaker, 3.5mm dual headphone jack design, and adjustable volume.
- Powered by Lithium battery, which can be charged through the USB interface.
- Adopt short condenser microphone, with 7-band EQ adjustment function (adjustable on PC software) to adjust different sound effects according to the speaker's voice characteristics until the perfect effect is achieved.
- No wiring required, easy to install, easy to use and maintain, no longer limited by venue, space, and wiring.
- Adopt 1000mAh Lithium battery, with charging time less than 3.5h, and support continuous speaking for 8h.

D7323 Chairman MIC without Voting Function D7324 Delegate MIC without Voting Function



D7323 Chairman MIC



D7324 Delegate MIC

1. Built-in 1.5W speaker unit
2. With 3.5mm headphone jack

Feature:

- Adopt 2.4" OLED screen to display voting results, volume, microphone status, power state, WiFi status, etc.
- With wide viewing angle, with high contrast 128 × 64.
- With built-in rechargeable Lithium battery, 10000mAh battery capacity for continuous speaking for more than 8 hours.
- Adopt 128-bit AES digital encryption technology, with WAP / WAP2 security connection, MAC address filtering, and hidden SSID to prevent eavesdropping and unauthorized access.
- High directivity microphone, with pop shielded, and LED indicator ring, red for speaking and green for waiting.
- D7323 is a chairman microphone, with first priority button.
- D7324 is a delegate microphone, unrestricted by location, and supports check-in function.
- With minimum delay of less than 20ms; support non-compressed audio transmission.
- With 48K sampling rate, digital control, high quality of audio transmission.
- Adopt 1000mAh Lithium battery, with charging time less than 3.5h, and support continuous speaking for 8h.

D6284 High Definition Camera



Features:

- 2.14 megapixel; 1/2.8 inch CMOS sensor.
- Support H.265 and H.264 network video encoding.
- Support full HD 1080P60 video output.
- Support 3G-SDI and HDMI HD video output. 20x optical zoom, maximum wide angle 59.5° ; 12x optical zoom, maximum wide angle 72.5° .
- Support dual stream, and support multi-level video quality configuration.
- Support 1-channel audio input and 1-channel audio output.
- Support MAX. 64G TF card for local storage.
- Precise driving system, with accurate positioning and stable operation.
- Support multiple protocols and control interfaces, support daisy-chain networking.
- With a multi-functional IR remote controller.
- With built-in Chinese&English operation menu.
- With smart AE technology to effectively avoid the interference of complicated lights from projectors, TVs, etc.
- Support desktop/ceiling/wall mount installation.

D7341 5G WiFi Wireless Router



PS:

1. The WiFi signal coverage of the D7341 is centered on the installation location of the D7341, with a radius of 10m.
2. Each D7341 can support up to 50 5G WiFi conference mics. When there are more than 50 mics, it is required to add another D7341.
3. The system can support up to 300 5G WiFi conference mics.
4. The system supports up to 6 D7341 cascading, and Cat-5/6 can be used for cascading among multiple D7341.

Features:

- Adopt WPA / WPA2 digital encryption technology to ensure conference confidentiality and avoid malicious interference.
- Compliance with IEEE802.11ac Wave-2 / A / B / g / N wireless standard.
- Support multiple frequency point selection: UHF, 2.4GHz and 5GHz.
- With two RJ45 interfaces, 1 channel connected to D7101 conference host, while another connected to AP.
- Recommended connecting cable: high quality cross CAT5/6 cable.
- With external four-antenna design for more stable data transmission.
- In complex environments, it can support signal coverage of radius of 25 meters; under normal circumstances, it can support radius of 30 meters.
- Maximum power consumption: 15W; size: 188 × 188 × 40mm; net weight: 0.5kg.

D7311 5G WiFi Conference Microphone Charger



Features:

- Support fast charging, 9V for fast charging USB port output, 5V for slow charging output.
- 1000mAh Lithium battery of the microphone, charging time of less than 3.5 hours.
- It can charge up to 10 microphones at the same time.
- Comply with QC3.0 protocol.
- Max. power consumption 200W.
- Power input: AC 100V-240V/50Hz/60Hz.
- Dimensions: 197x197x47mm.
- Net weight: 1.3kg.

PS:

1. D7311 can charge 10 conference mics simultaneously, which can be fully charged in 3-4h.

Conference MIC Pole



D626C: Length=415mm
Black



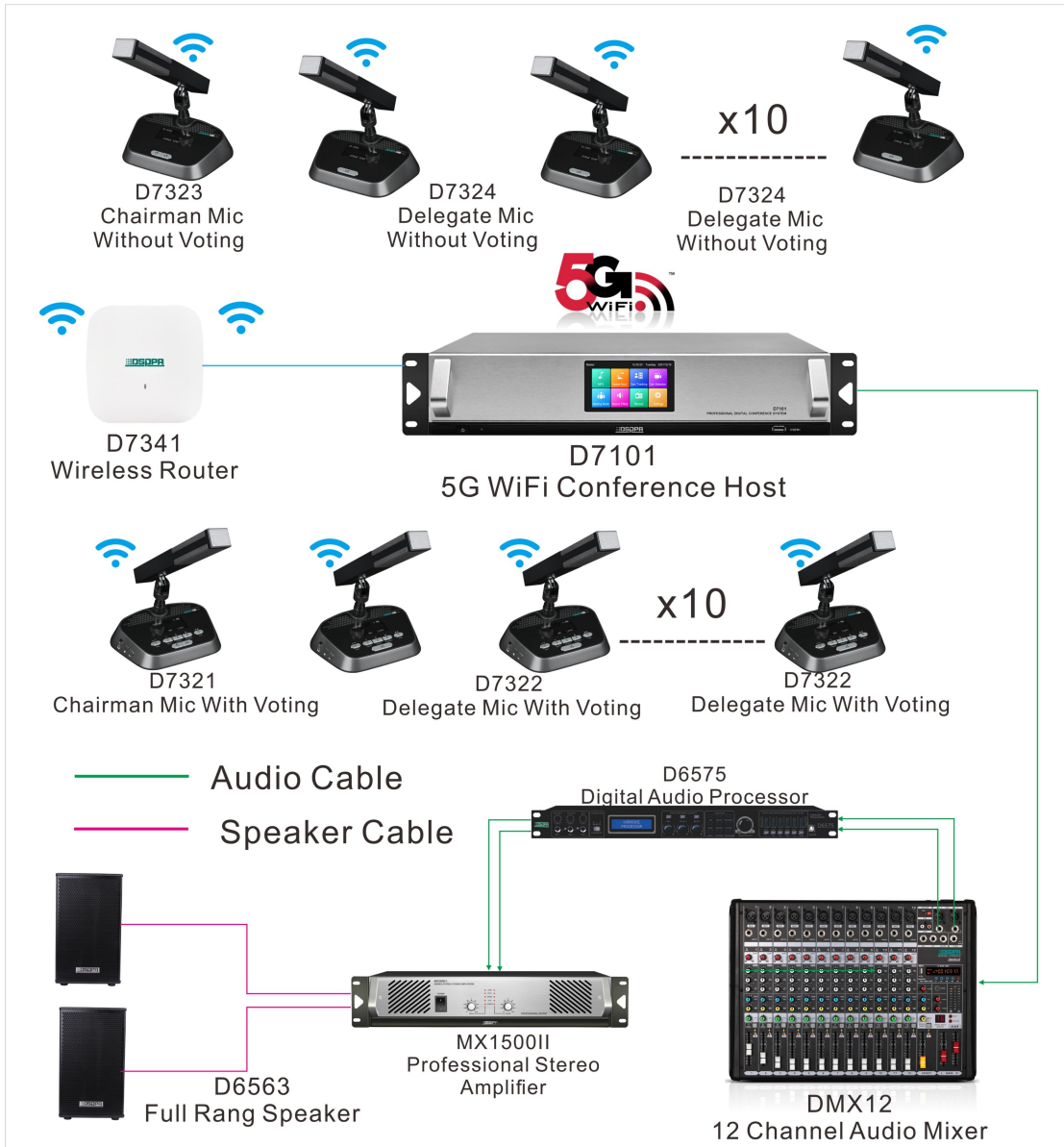
D7286 Square MIC Rod
Length=186mm

Features:

- Used in the Mic units of D62 Series
 - Intelligent Conference System
 - Cardioid condenser microphone
 - High density 5-pin interface
 - Two-color (red/green) indicator
 - Length: 415mm
-
- Cardioid directivity condenser microphone.
 - High-density 5-pin aviation interface.
 - With two-color (red/green) opening and working indicator.
 - Length: 186mm.
 - If there is no special requirement, D626C is provided.

Solution for Small Room:

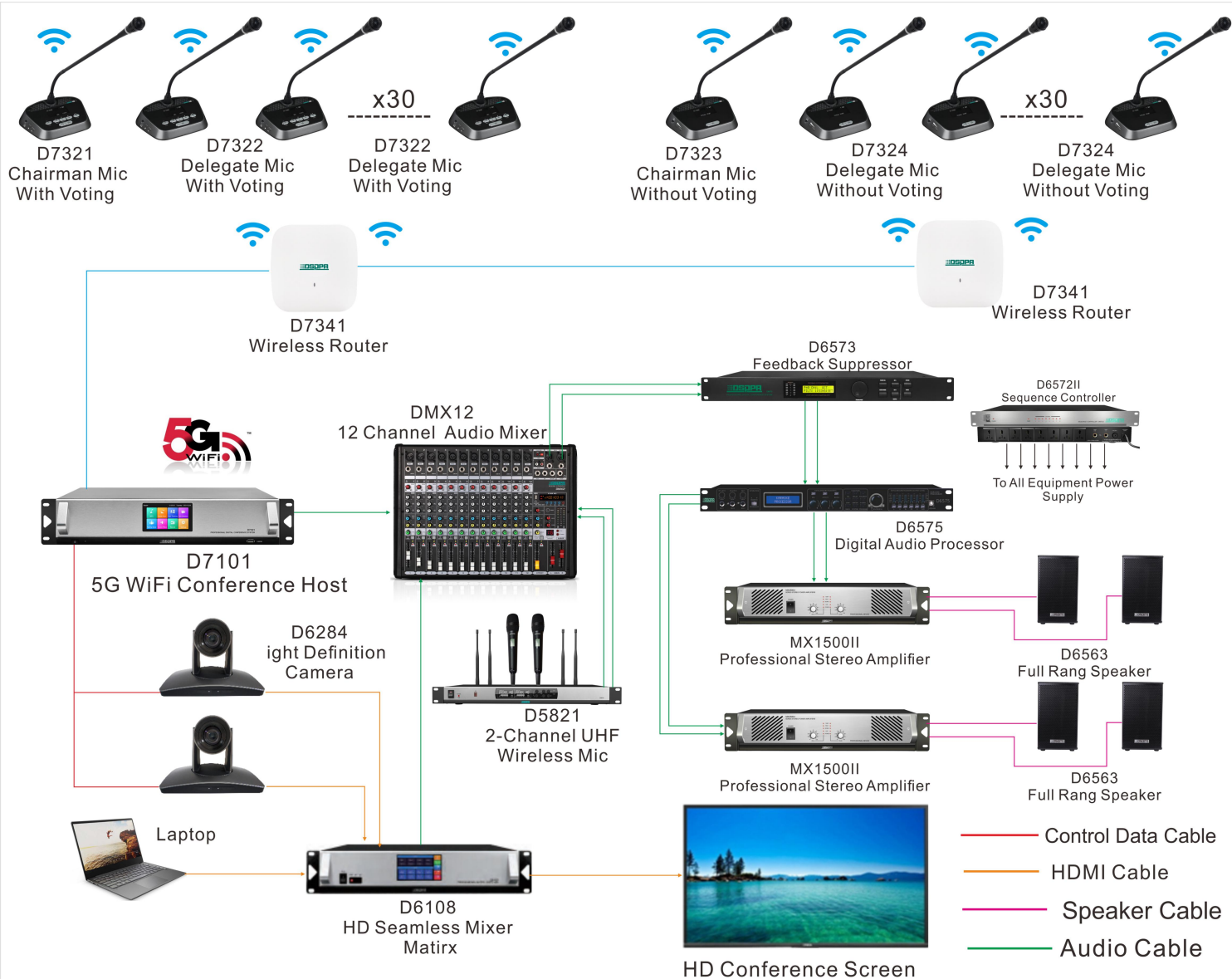
Conference Units + Pro Sound Reinforcement System



Model	Name	QTY
D7101	Full Digital Conference System Host	1
D7321	5G WiFi Chairman Microphone with Voting Function	1
D7322	5G WiFi Delegate Microphone with Voting Function	10
D7341	5G WiFi Wireless Router	1
D7323	5G WiFi Chairman Microphone without Voting Function	1
D7324	5G WiFi Delegate Microphone without Voting Function	10
DMX12	12 channels Audio Mixer	1
D6575	Digital Audio Processor	1
MX1500II	Professional Stereo Amplifier (8Ω; 2x230W)	1
D6563	8" 150W Professional Two Way Cabinet speaker	2
D3A	Wall mount bracket	2
MP15U	15U 19" Rack with Door and Fan	1

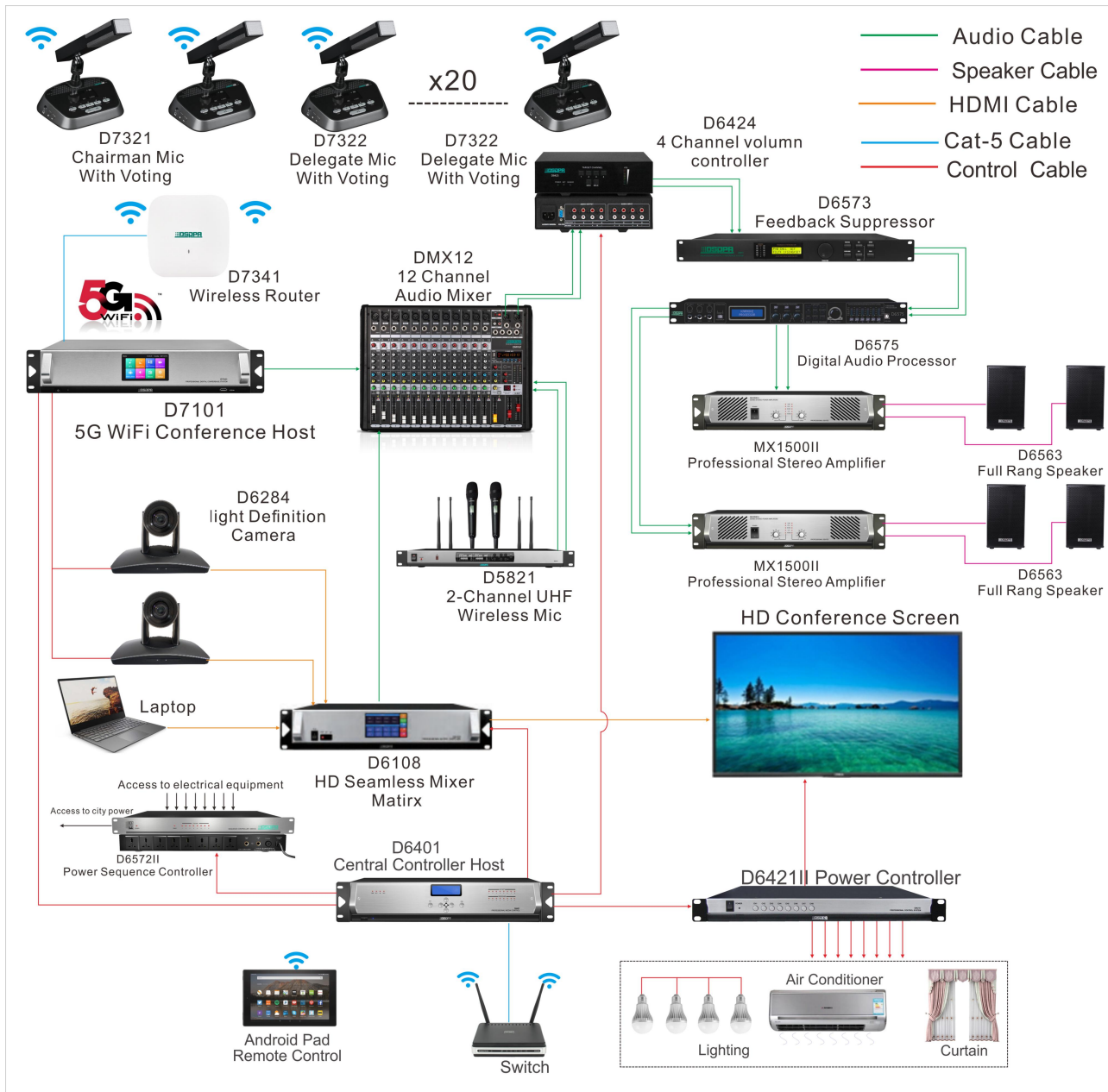
Solution for Medium and Large Rooms:

With voting, sign-in, automatic camera tracking function and simultaneous interpretation system

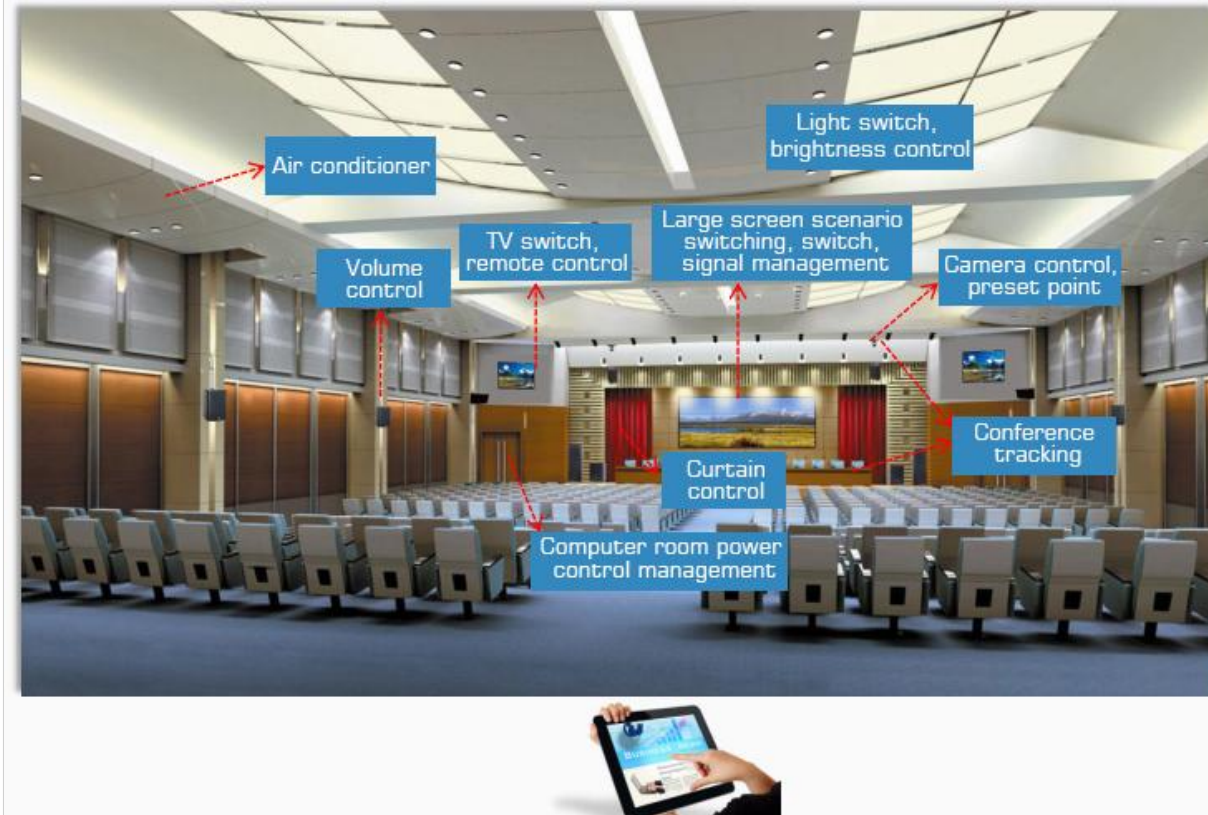


Model	Name	QTY
D7101	Full Digital Conference System Host	1
D7321	5G WiFi Chairman Microphone with Voting Function	1
D7322	5G WiFi Delegate Microphone with Voting Function	60
D7341	5G WiFi Wireless Router	2
D6284	Hight Definition Camera	2
D6108	8 Channel HD seamless mixed matrix host box	1
D6104HR	4 Channel Digital HD audio & video input card	1
D6104HC	4 Channel Digital HD audio & video output card	1
D5821	UHF Wireless Microphone System	1
DMX12	12 channels Audio Mixer	1
D6573	Feedback Suppressor	1
D6575	Digital Audio Processor	1
MX1500II	Professional Stereo Amplifier (8Ω; 2x230W)	2
D6563	8" 150W Professional Two Way Cabinet speaker	4
D3A	Wall mount bracket	4
D6572II	8 Channel Power Supply Sequency Controller	1
MP30U	40U 19" Rack with Door and Fan	1

Solution for Multifunctional Conference Hall:



Conference unit system + video matrix system + central control system + professional sound reinforcement system. With automatic camera tracking, video switching function, one-touch control of lighting, air conditioning, curtain switch, etc.



Model	Name	QTY
D7101	Full Digital Conference System Host	1
D7321	5G WiFi Chairman Microphone with Voting Function	1
D7322	5G WiFi Delegate Microphone with Voting Function	13
D7341	5G WiFi Wireless Router	1
D6108	8 Channel HD seamless mixed matrix host box	1
D6104HR	4 Channel Digital HD audio & video input card	1
D6104HC	4 Channel Digital HD audio & video output card	1
D5821	UHF Wireless Microphone System	1
D6401	Multimedia Central Control Host	1
D6421II	Power controller	1
D6424	4 Channels Volumn Control	1
Pad	Purchase separately	1
Router	Purchase separately	1

DMX12	12 channels Audio Mixer	1
D6573	Feedback Suppressor	1
D6575	Digital Audio Processor	1
MX2500II	Professional Stereo Amplifier (8Ω; 2x2400W)	4
D6564	8" 250W Professional Two Way Cabinet speaker	8
D5A	Wall mount bracket	8
D6572II	8 Channel Power Supply Sequency Controller	2
MP40U	40U 19" Rack with Door and Fan	1

■ Applications



International Summit



Court



Government



Corporate



Healthcare



Hotel



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A high-angle photograph of a person in a blue jacket and white helmet climbing a steep, brown rock face. The climber is positioned in the upper left quadrant of the image. The background is a vast expanse of bright blue ocean. The text 'DSPPA, Never Stop!' is overlaid in large white letters across the bottom half of the image.

DSPPA, Never Stop!