



Feature:

1. The host adopts TCP/IP network protocol, supports C/S and B/S architecture, and can be controlled by PC software or browser. Equipped with a 4.3-inch full-color touch screen, parameters can be easily set and viewed through touch operation
2. It adopts a standard 2U chassis design, can transmit 64 audio channels and other types of information through CAT6 network cable, and supports wired and wireless conferences at the same time
3. 5G wireless supports WiFi 6 based on IEEE 802.11n standard, compatible with 2.4GHz and 5GHz frequency bands, and supports multiple signals available; it also has adaptive interference avoidance technology and provides strong anti-interference ability
4. The system supports a maximum of 5,300 wired conference units and 300 wireless conference units, and allows 14 microphones to speak at the same time, with a maximum number of 8 wired units and 6 wireless units
5. Supports four microphone management modes: first-in-first-out, normal mode, voice control mode, and application mode
6. Supports online monitoring of the number of wired and wireless microphones in system status, as well as microphone ID numbering
7. The interpreter machine supports the selection of preemption mode and interlocking mode, and supports interpreter machine ID number
8. Supports Chinese, English, Russian, French and other language selections
9. Supports recording by inserting a USB flash drive through the USB interface. The REC physical button on the front panel can start recording with one click, and there is a status indicator prompt. Advanced noise elimination technology is used to ensure clear recording
10. The host is equipped with a headphone monitoring function, which supports the direct use of 40mW conventional power headphones
11. Built-in high-performance DSP processor, supports the host output 10-band equalization EQ, delay and volume adjustment functions. Can (optionally customized) built-in AFC howling suppression function to further improve audio quality
12. The audio input interface includes 1 RCA and 1 XLR, and the audio output interface includes 1 RCA and 1 XLR. Each output channel can adjust parameters such as EQ, delay and volume
13. The microphone can be controlled remotely, including 5-band EQ, sensitivity, etc., as well as synchronous switching of the microphone
14. Supports docking with voice transcription equipment to achieve role separation function

15. External recording equipment can be (optionally) installed to achieve independent recording of each unit through recording software
16. Ring hand-in-hand function can be (optionally) provided to ensure that the meeting can proceed normally when there is a problem with the network or unit
17. The system adopts original digital ring network technology to achieve audio clock synchronous transmission, audio delay is less than 5 milliseconds, and supports uncompressed audio transmission with a sampling rate of 48kHz
18. The system supports simultaneous interpretation function, and can transmit up to 63+1 wired simultaneous interpretation channels at the same time to meet the needs of multi-language conferences
19. It has a fire alarm linkage trigger interface, which can receive fire alarm information, remind the venue personnel to evacuate urgently in the first time, and ensure the safety of the participants
20. Supports PELCO-D and VISCA camera control protocols that provide RS485 or RS232 at the same time, and can control 10 high-definition cameras for automatic tracking shooting, realizing automatic camera tracking function
21. The software can be used to view and scan the battery power, WiFi signal and other status information of the wireless unit, and support one-click shutdown of all wireless units
22. With the PC software, functions such as sign-in, voting, election, rating, and customization can be realized
23. Support docking with the voice transcription server to realize the real-time voice transcription function of the meeting content
24. The system supports hot-swappable units and plug-and-play
25. The dual-machine master-slave backup function can be (optionally) enabled. When the host fails to work due to power outage or other failures, it automatically switches to the slave machine to continue running to ensure the stability and reliability of the system

Specification:

Frequency response	80-16KHz
Signal-to-noise ratio	>80dB(A)
Dynamic range	>80dB
Total harmonic distortion	<0.05%
Touch screen control	4.3-inch full-color touch screen
Wired microphone connection	4 6-core aviation interfaces
AP network port	connect to wireless AP
PC network port	connect to computer
Other interfaces	OPTICA coaxial output*1, CO-AXIAL Optical fiber output * 1
Audio output interface	1 RCA and 1 XLR
EXTENSION interface	connect conference system expansion equipment
Camera control	485, 232
ALARM	short circuit trigger
Audio input interface	1 RCA and 1 XLR
Microphone capacity	wired microphone ≤5300; wireless microphone ≤300
Simultaneous interpretation channel	63+1 channel
Power supply	220V AC 50/60Hz
Power consumption	150W