Wired Economical Digital Camera Tracking & Discussing Conference System

Main Controller

Model: VCS-HR6320P PLUS

SUMMARY

• This is a new intelligent wired economical digital camera tracking & discussing conference system, which perfectly introduces all digital technology and integrated network technology into the conference system, and fully combines advanced digital technology, network technology and audio technology. It can be seamlessly connected with intelligent central control system, video conference system, providing a more complete solution for efficient modern conference system engineering.

FEATURES

1. Adopting DSP/DDOV digital processing and transmission technology, equipped with high-performance ARM Cortex A9 industrial grade embedded processor, 1.4GHz main frequency, 1G memory, faster running speed, supporting discussion, video tracking, sign in and voting functions
2. Built in AC100V~240V international universal power supply and voltage stabilization system, ensuring safe and stable use of voltage in unstable situations
3. All-metal structure, with anti-interference circuit design, effectively eliminates interference from electromagnetic signals
4. The system supports conference room merging/splitting functions, suitable for various conference application venues;
5. Adopts high-fidelity digital technology, anti-feedback suppression(AFS) & lossless audio transmission technology, 48KHz audio sampling frequency, and frequency response of 20Hz-20KHz;
6. The host electronically maps delegate & chairman units inside host ID register.
7. Adopts 4.3-inch full-view IPS capacitive touch screen, and the graphical human-machine interface is easy to operate, which improves the debugging efficiency. and supports simplified Chinese and English display menus, the menu language can be customized according to needs;
8. Built in USB automatic recording module, it can record all audio content in the meeting and support 2000 hours of continuous recording;
9. Adopts ID addressing mode, and can customize the unit number to ensure a unique ID number, which can effectively avoid ID duplication conflicts;
10. Support factory-reset function, supports one-click

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reset to the factory state, and prevents parameter adjustments;

11. Support Multiple groups of 8-channel RJ45 microphone unit interfaces, adopts closed-loop Ethernet link mode, supports bilateral power supply of microphone units, and supports hot-plugging of microphone units. Allowing to connect up up to 200+ Units
12. The host can be looped with external expansion systems, which supports up to 65K microphones & ID's if 250+ systems are looped.
13. Support the dual-machine hot backup function. Through the backup transfer controller, one conference host can be set as a backup controller. When the conference controller fails, the backup controller automatically takes over;
14. Support the function of "hot plugging" when the line is live, supports automatic repair and quick positioning of system faults, and does not affect the operation of other equipment;
15. With a variety of conference modes: FIFO (first in, first out mode), APPLY (application mode), FREE (free mode), LIMIT (restricted mode), VOICE (voice control mode)
16. Speaker limit function: can limit the maximum number of units that can speak at the same time (can be set to 1-8 different numbers), the chairman unit is not limited
17. Speaking time limit function: can limit the speaking time of the speaking unit (can be set to 0-1000S), there are regular shutdown and automatic shutdown, the chairman unit is not limited
18. Built-in multi-channel internal communication and conference service functions, the conference host can receive conference service request information sent by the conference unit (such as tea, coffee, paper, pen, help and other services);
19. With extended simultaneous interpretation function, it can be configured with 4/8/12/16/20/32/64 different languages;
20. Use high-performance DSP processor to perform Anti feed back suppression along with 5-band equalization processing on audio, make the sound clear and thorough through settings, effectively suppress howling, eliminate interference, distortion, crosstalk and other phenomena to the greatest extent, and preset 3 default modes (full, human voice, dynamic) and 1 custom mode for users to use flexibly
21. Network-based collaborative management, system host can set IP address, with TCP / IP network interface, can connect to wireless router, use computer, mobile phone, tablet and other devices in the same local area network to set the operation of the host, support Google Android / Microsoft Windows systems and other operating system
22. With USB interface, can be connected to a computer to set up the controller
23. With 2 control interfaces and control modes: 232 and 485 (6P Phoenix plug), and the cameras can be connected in series or in parallel;
24. Built-in camera tracking function, supports PELCO-D, PELCO-P, SONY VISC and other communication protocols, and has the functions of adjusting, saving and calling preset positions;
25. With video switching 232 interface (3P Phoenix interface), can connect HD video matrix
26. With 4x1 seamless HDMI HD interface for switching & matrix control.
27. With central control code 232 interface (3P Phoenix interface), can be connected to central control system，and support SDK development kit secondary development
28. With alarm signal input interface (alarm voltage interface +1 2P Phoenix interface alarm audio input port), when the public address alarm system starts, it can automatically pause the conference and send alarm information to the participating units
29. With 2 balanced audio output interfaces (3P Phoenix plug + XLR Canon), 4 unbalanced audio output interfaces (2P Phoenix plug x 2 + 6.35mm audio interface x 1 + Lotus interfaces x 1)
30. With 2 unbalanced audio input interface (2P Phoenix plug and Lotus interface), can input external audio signals (such as background music or remote voice signals)
31. With optical fiber extension interface, the sound quality is not attenuated during long-distance transmission, and two remote conference rooms can be merged into one.

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32. With 1 USB sound card interface and 2 sound card unbalanced output interfaces (Lotus interfaces), it can be connected to a computer for remote conferencing.

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SPECIFICATIONS

Model No.	VCS-HR6320P Plus
Power supply	AC110V-220V/50Hz
Frequency response	20Hz-20kHz
S/N ratio	＞96dBA
T.H.D	＜0.05%
Recording connector	USB x1
Input connector	DIN-8 x4 RJ45 x8 (4group)
Central controller connector	RS-232　3P connector x1
Camera switch connector	RS-232　　3P connector x1
Video connector	HDMI 4x1
Camera control connector	6P connector x1
Computer connecting	USB x1　　RJ45 x1
Alarm interface	2P connector x2(5V+Audio)
Audio input	2P connector（unbal）x1 RCA（unbal） x1
Audio output	3P connector（bal）x1 2P connector（unbal）x2 XLR（bal）x1 6.35mm（unbal）x1 RCA（unbal） x1 Coaxial x1

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	Optical Fiber x1
Sound card	USB x1 RCA（unbal）x2
Size（L×W×H）	483×265×88 mm
Weight	4.5 kg
Color	Black
Installation	19Inch standard cabinet

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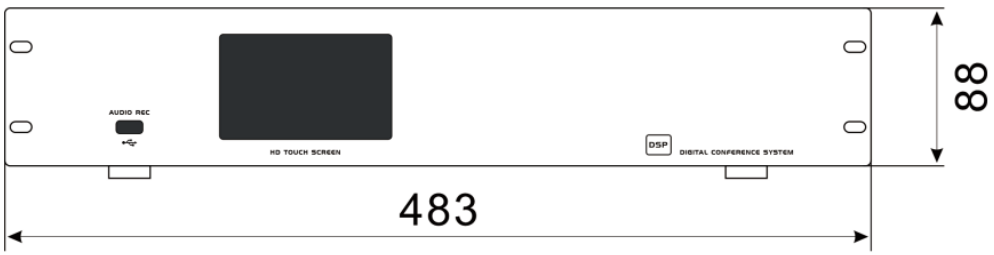
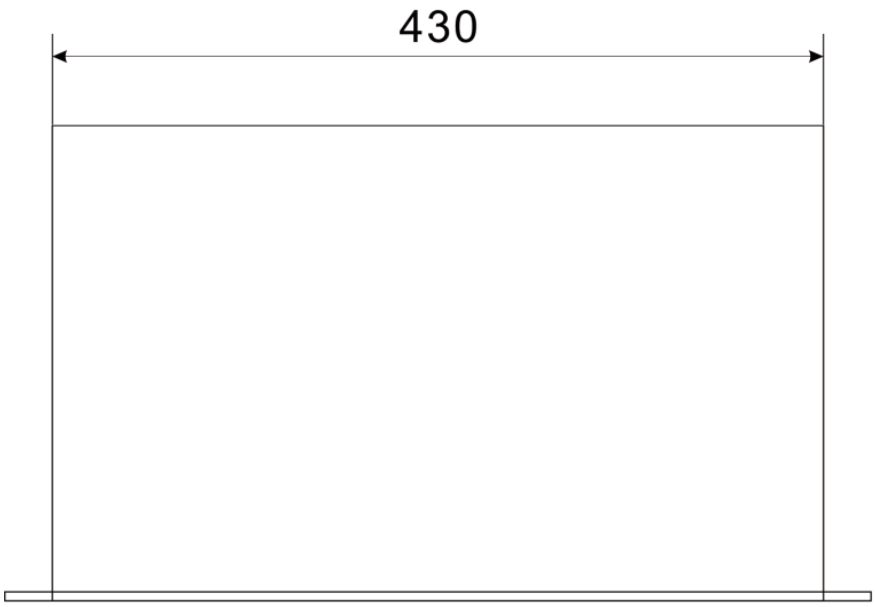
DIMENSIONS (mm)





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