Wired High-End Camera Tracking Digital Conference System

Main Controller

Model: VCS-HR8620M

SUMMARY

- This is a new intelligent full-function digital 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 and fire monitoring system, providing a more complete solution for efficient modern conference system engineering.

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FEATURES

- Adopt all-digital conference technology, developed based on digital network architecture, built-in high-performance CPU processor, faster processing speed, better sound quality, support discussion, video tracking functions
- High-performance switching power supply, long-distance transmission will not have any impact on sound quality
- Anti-interference circuit design to eliminate all interference from mobile phone signals
- 5 inch full-view IPS capacitive touch screen, intuitive display and easy adjustment of system parameters
- Support USB recording, high-fidelity WAV format output
- It has 3 groups of 6-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. Each channel supports 20 units, which can be connected to 60 units.
- With 4 channels of 8-core microphone unit interface, each channel supports 30 units, can be connected to 120 units
- A single host can be connected to a maximum of 256 conference units through the expansion power supply, or a conference expansion host (multiple extension hosts are connected in series in hand), and a conference system can access up to 1200 conference units;
- The unit adopts "hand in hand" connection mode, which supports hot plugging, which is convenient for installation and maintenance
- 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)
- 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
- 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
- With conference service function, speaking unit can apply for tea, coffee, paper, pen, service personnel and other services
- Use high-performance DSP processor to perform 32-band equalization and noise reduction on the audio to make the sound clear and thorough; effectively prevent howling
- 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 Android / Microsoft Windows systems and other operating systems

- With USB interface, can be connected to a computer to set up the host
- With camera 232 and 485 communication interface (6P Phoenix interface), connect SD or HD camera, support SONY VISCA, PELCO P / D communication protocol
- With video switching 232 interface (3P Phoenix interface), can connect HD video matrix
- With 4x1 HDMI HD video switching interface**(If necessary)**
- With central control code 232 interface (3P Phoenix interface), can be connected to central control system
- With 1 balanced audio output interface (3P Phoenix interface), can be connected to sound reinforcement or recording equipment
- With 1 unbalanced audio output interface (3P Phoenix interface), can be connected to sound reinforcement or recording equipment
- With 1 DANTE audio output interface, can connect other DANTE equipment**(If necessary)**
- With 1 unbalanced audio input interface (2P Phoenix interface), can input external audio signals (such as background music or remote voice signals)
- 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
- Can be installed in a standard 19-inch cabinet for easy storage and storage

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SUPPLIED ACCESSORIES

1 Power cable
1 USB cable
1 Installation and operating manual

SYSTEM ENVIRONMENTAL CONDITIONS

Working conditions fixed/stationary/transportable
Temperature range
Transport . . . . -40°C to +70°C
Operating. . . . . 0°C to +45°C
Max.relative hurmidity . . . . < 95% (not condensing)

TECHNICAL SPECIFICATIONS

General
Power supply. AC110V-220V/50Hz
Frequency response 20Hz-20kHz
S/N ratio. . . . . ＞96dBA
T.H.D. . . . .＜0.05%
Recording connector. . . . . USB
Input connector . . . . DIN-8 x4, RJ45 x3 (group)
Central controller connector . . . . . . RS-232（3P connector）x1
Camera switch connector . . . . RS-232（3P connector）x1
Video connector . . . . .HDMI 4x1**(If necessary)**
Camera control connector . . . . 6P connector
Computer connecting . . . . .USB x1, RJ45 x1
Audio input . . . . 2P connector（unbal）x1
　　　　　　　　　　　　　　　RCA（unbal）x1
　　　　　　　　　　　　　　　2P connector（unbal）x1
　　　　　　　　　　　　　　　（alarm device）
Audio output . . . . 3P connector（bal）x1
　　　　　　　　　　　　　　　2P connector（unbal）x1
　　　　　　　　　　　　　　　XLR（bal）x1
　　　　　　　　　　　　　　　6.35mm（unbal）x1
　　　　　　　　　　　　　　　RCA（unbal）x3
Digital audio interface . . . . .Dante x1**(If necessary)**

Others
Weight . . . . 11 kg [24.25 lbs]
Colour . . . . .Black

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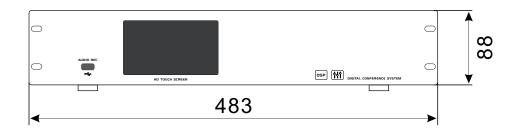**Pro Conference Audio**

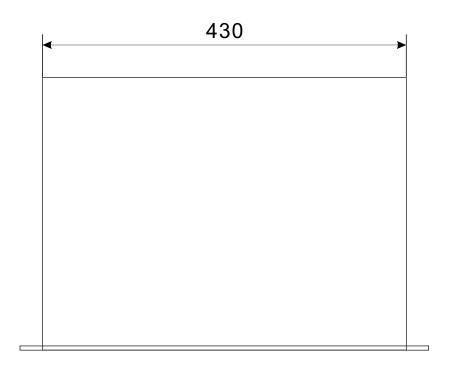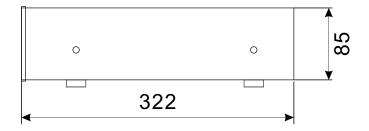# Wired High-End Camera Tracking Digital Conference System

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DIMENSIONS (mm)

88

483

430

85

322

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