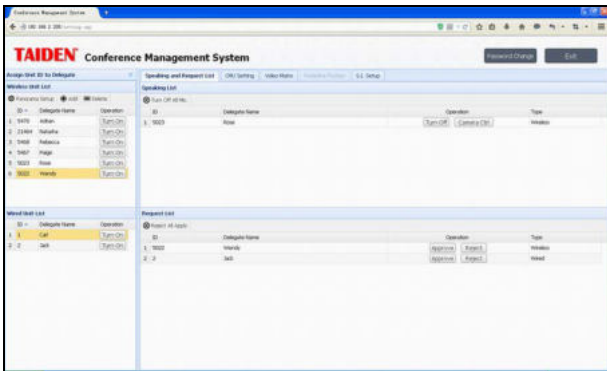


HCS-5300WS Web Control Software



HCS-5300WS Web control software is comprehensive, reliable and user-friendly. But it is also an easy care software system which helps the operator to manage the conference efficiently from the very beginning of a meeting until the post-meeting work. With the HCS-5300M main unit installed HCS-5300WS Web control software, operator can access the IP address of main unit from web browser to handle meeting management.

HCS-5300WS Web control software is modularized software with various functional modules:

- **CMU setting**
 - ◆ Operation mode: Open/Override/Voice/Apply;
 - ◆ Active Microphones:1/2/3/4;
 - ◆ Volume adjusting
- **Microphone control**
 - ◆ Assign unit ID to delegate: list all ID of connective units in the system. User can assign them to delegates, open microphones, set up the camera predefined position, etc.
 - ◆ Speaking and request list: displays the information of the active and requested microphones, includes Mic. ID, delegate name, camera control and unit type
- **Video tracking**
 - ◆ Video matrix: set input/output channels for computer, camera and other video apparatus according to the connections between video equipment and video switch unit. The configuration can be sent to the main unit for synchronization
 - ◆ Video switch: switch among different input and output video signals according to the video matrix
 - ◆ Camera preset: cooperating with microphone management module to set and adjust the camera preset for each seat/microphone and to transmit speaker's video picture simultaneously to a hall display
 - ◆ Camera control: preset the panorama of the conference venue
- **S.I. setup**
 - ◆ S.I. channel: set the channel number and language for each channel
 - ◆ Booth: set the booth number and language for each booth

Ordering Information

HCS-5300WS.....Web Control Software (CMU setting, microphone control, video matrix, S.I. setting)

HCS-5300 Series Application Software

HCS-5300 application software is comprehensive, reliable and user-friendly. But it is also an easy care software system which helps the operator to manage the conference efficiently from the very beginning of a meeting until the post-meeting work. With the PC installed HCS-5300 application software connected into the conference system, the operator is able manage all aspects of the conference centrally. The operation turns out to be easy and efficient.

HCS-5300 application software is a modularized software with various functional modules:

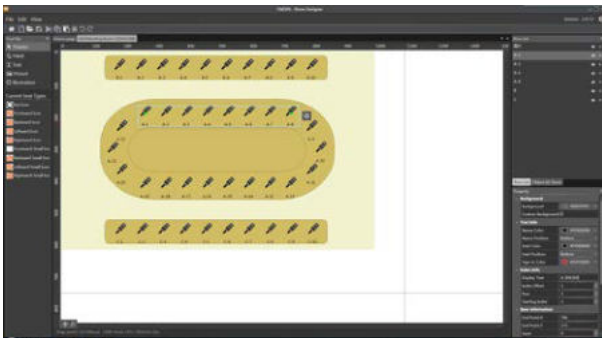
- Basic System Setup Management Software Module (HCS-5310/80)
- Microphone Management Software Module (HCS-5313/80)
- Voting Management Software Module (HCS-5314/80)
- Video Control Software Module (HCS-5315/80)
- Simultaneous Interpretation Software Module (HCS-5316/80)
- Synchronous Audio Recording Management Software Module (HCS-5319/80)
- Multi-User Conference Control Software Module (HCS-5321/80)
- Digital HD Video Recording Management Software Module (HCS-5343/80)



HCS-5310/80 Basic System Setup Management Module

The Basic Software Module consists of an amount of facilities, e.g. room management, meeting management, main unit configuration, contribution unit configuration, information display, report management and user management.

Room management



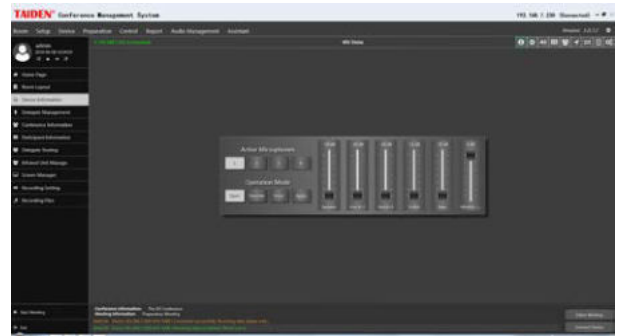
Room layout designer

Functions

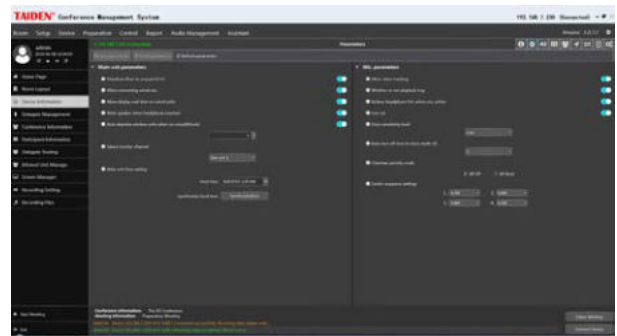
Supports importing room layout and designing a new room layout. Converts the venue seating into an intuitive, graphical and controllable interface as a basis for further use, according to the actual layout of the venue

- Self-designing the background picture and color, supporting pictures of any size
- Microphone number, amount of microphones per line, icon type - icon transparency optionally
- Freely drag and drop the microphone icon
- Save/open files for file management
- Suitable for any sized meeting room/hall

Main unit configuration facility



Main unit control panel



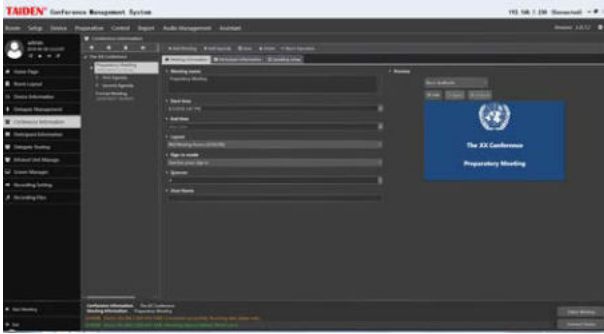
CMU parameters setup

Functions

Module provides **CMU control panel** and **CMU parameters setup** sub-modules.

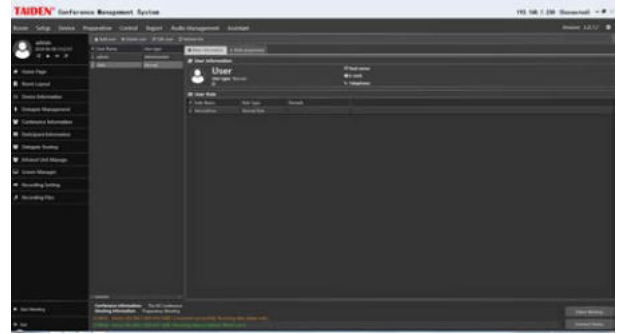
- **CMU control panel:** synchronously display and adjust the status of the conference main unit, for flexible control of the CMU by the operator
 - ◆ Active Microphones (1/2/3/4)
 - ◆ Operation mode (OPEN/OVERRIDE/VOICE/APPLY)
 - ◆ Original floor channel volume of the contribution unit
 - ◆ Original floor channel treble of the contribution unit
 - ◆ Original floor channel bass of the contribution unit
 - ◆ Line-in volume
- **CMU parameters setup-Main unit:**
 - ◆ Distribute floor to unused SI CH
 - ◆ Allow connecting wired mic
 - ◆ Allow display real-time on wired units
 - ◆ Mute speaker when headphone inserted
 - ◆ Auto deactivate when no voice: the microphone will be automatically switched off after a period of silence and the period shall be set up
 - ◆ Select monitor channel: select monitor channel
 - ◆ Main unit time setting
- **CMU parameters setup-Microphone:**
 - ◆ Allow video tracking
 - ◆ Playback ring when priority button pressed
 - ◆ Reduce headphone volume when microphone active
 - ◆ Low cut
 - ◆ Voice sensitivity (Low/Medium/High)
 - ◆ Auto off time in voice mode
 - ◆ Chairman priority mode (All Off / All Mute)
 - ◆ Carrier sequence settings

Conference information management



Conference information

User management



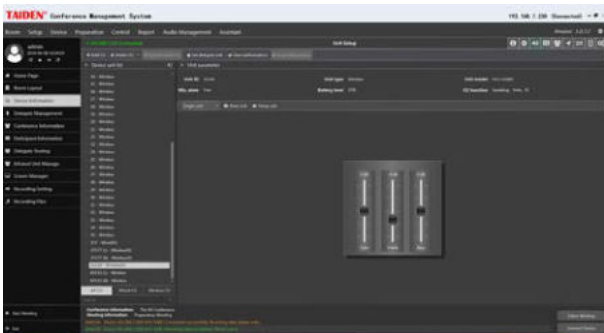
User management interface

Functions

Comprehensive conference information management facility, for clear and easy user management.

- Includes conference name, meeting information and agenda information
- Each conference consists of several meetings
- Each meeting consists of several agendas
- Creation of a new meeting for appointed conference
- Creation of a new agenda for appointed meeting
- Meeting:
 - ◆ Meeting content: meeting name, layout, meeting start time, sign-in mode, quorum and conference content
 - ◆ Locking a convoked meeting for meeting data protection
 - ◆ Speaking setup for appointed meeting
 - ◆ Freely switch between the meetings to manage
- Agenda:
 - ◆ Agenda content: agenda name
 - ◆ Speaking setup for appointed agenda

Contribution unit configuration facility



Set up contribution unit interface

Functions

Set up and reconfigure internal parameters of the contribution unit. Parameters include:

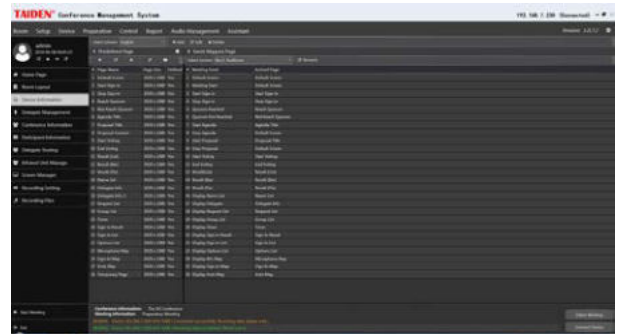
- Select contribution unit to set up
- Gain of the contribution unit
- Treble of the contribution unit
- Bass of the contribution unit

Functions

Module provides **User Information** and **User Role** sub-modules.

- **User Information**
 - ◆ Create a new user, and set his/her account, password, and role
 - ◆ Change user's password and role
 - ◆ Supports deleting a user
- **User Role**
 - ◆ Create a new role, and set its authority
 - ◆ Change role's name and authority
 - ◆ Supports deleting a role

Information display



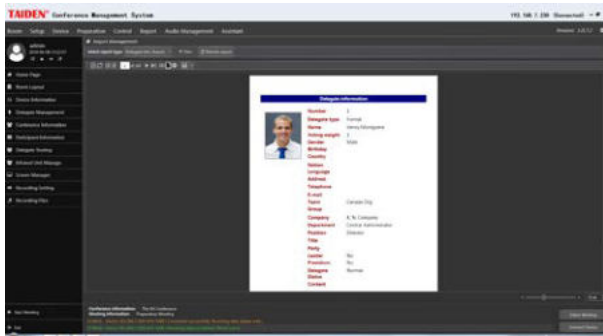
Screen management

Functions

Includes screen management: design of a screen and its related activated event.

- Set distinct screen projects for distinct conferences and languages
- Predetermination of screen page contents: includes page color, page name, page size, etc.
- Editing screen page contents: includes add text, picture, delegate's photo, voting results, etc.
- Select the page to display when conference event starts. Each conference event corresponds to a particular screen page
- Rename each screen for more convenience

Report system



Report system

Functions

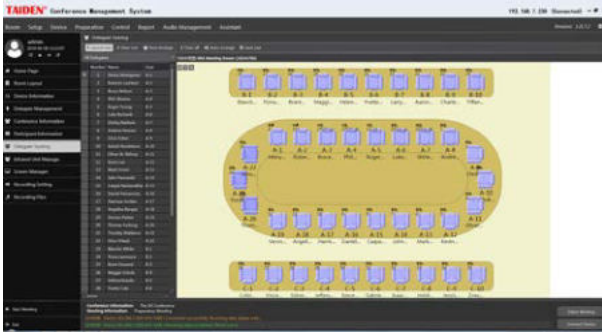
Conference information output from the software's database, for backup or printout purposes. The conference information includes:

- Delegate information report
- Seat sign-in report
- Seat sign-in name list
- Vote result report
- Vote name list

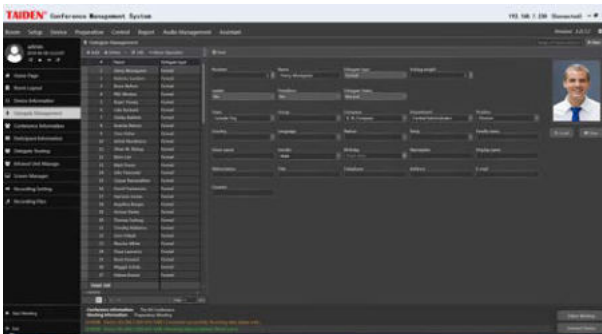
Ordering Information

HCS-5310/80...Basic System Setup Management Software Module

HCS-5313/80 Microphone Management Module



Seat arrangement



Delegate information



Microphone control

- ◆ Unit arrangement: assign the conference units to the corresponding positions based on the true delegate seating, current cabling and layout:
 - Setup arrangement, assign the conference units to the true delegate seating
 - Delete arrangement, reassign the units
 - Locate seat position by menu operation
 - Operate the arranged units to check the arrangement
- **Delegate management** includes two sub-modules: delegate information and participant information
 - ◆ Delegate information: create and manage the delegate's database
 - Edit delegate information: number, type, name, voting weight, leader (yes or no), presidium (yes or no) etc. Supports individual picture in the database
 - Fast search and filter facility
 - Recover delegate from recycle bin
 - Database updatable
 - ◆ Participant information: select the delegates to participate in the conference from the database
 - Add participants by filter conditions (for example delegate type, team)
 - Check participant information by filter conditions (for example delegate type, team)
- **Microphone control:** combined with room layout design, seating arrangement, delegate management, meeting management and microphone setup, for controlling and monitoring current microphone status, as well as automatic video tracking. Facility includes:
 - ◆ Microphone on/off control
 - ◆ Close all active microphone
 - ◆ Delegate speech timing
 - ◆ Detailed information available from the delegate database for online display purposes
 - ◆ If cooperating with an automatic video tracking system, camera presets can be made for each discussion unit to transmit speaker's picture simultaneously to a hall display

Functions

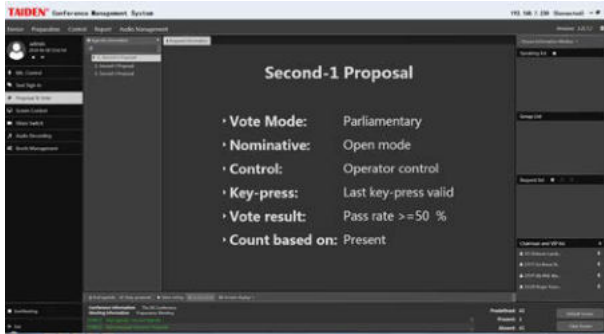
Seat arrangement, delegate management and microphone control sub-modules

- **Seat arrangement** facility includes delegate seating and unit arrangement function modules
 - ◆ Delegate seating is used to assign seats for the delegates, e.g.:
 - Assign a single seat for each delegate
 - Auto-arrange: automatically arrange the delegate to the room layout according to delegate number and seat number
 - Section seating, automatic seat assignment for a group of delegates, supports new assignment – in parts or entirely
 - Clear a single seat if required for a new assignment
 - Clear all seat if required for new assignment

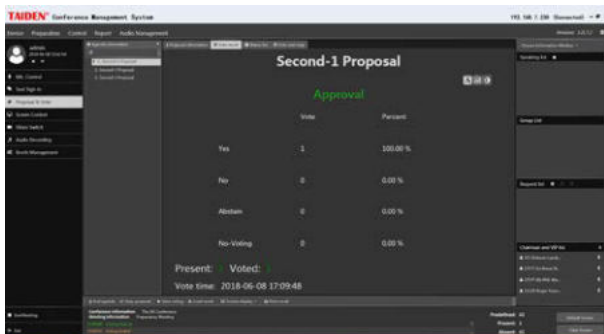
Ordering Information

HCS-5313/80.....Microphone Management Software Module

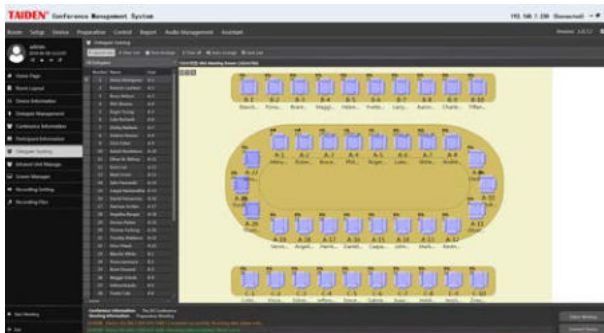
HCS-5314/80 Voting Management Module



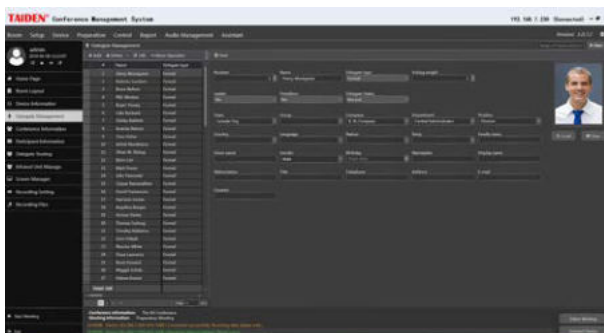
Topics and voting



Display voting result



Unit arrangement



Delegate information

Functions

Voting management, seat arrangement and delegate management sub modules.

■ Voting management:

- ◆ Topics information management
 - Set up, save, add or delete topics file before the meeting
 - Open topics control interface and display topics content to large screen
 - Printout the topics list and information and distribute to delegates as meeting information
 - Multiple voting facilities available, suitable for various conferences, including:
 - ◇ Parliamentary: YES/NO/ABSTAIN
 - ◇ Questionnaire: 1/2/3/4/5
 - ◇ Audience response: --/0/+/++
 - Nominative mode: open/closed
 - Control modes: operator control / predefine vote tome
 - Key-press mode: first key press valid/last key press valid
 - Vote result mode: pass rate (%) or pass count
 - Pass count based: calculate pass rate according to Present / Predefined / Have voted / (Yes + No) number.
- ◆ Display voting result to large screen
- ◆ Clear and vivid voting result display modes (numeric/bar/pie)
- ◆ Print or save voting result
- ◆ Sign-in before the voting to improve the security and validity of voting result

■ Seat arrangement facility includes delegate seating and unit arrangement function modules

- ◆ Delegate seating is used to assign seats for the delegates, e.g.:
 - Assign a single seat for each delegate
 - Auto-arrange: automatically arrange the delegate to the room layout according to delegate number and seat number
 - Section seating, automatic seat assignment for a group of delegates, supports new assignment – in parts or entirely
 - Clear a single seat if required for a new assignment
 - Clear all seat if required for new assignment
- ◆ Unit arrangement: assign the conference units to the corresponding positions based on the true delegate seating, current cabling and layout:
 - Setup arrangement, assign the conference units to the true delegate seating
 - Delete arrangement, reassign the units
 - Locate seat position by menu operation
 - Operate the arranged units to check the arrangement

■ Delegate management includes two sub-modules: delegate information and participant information

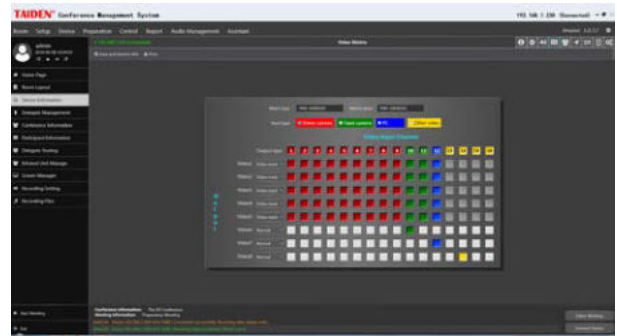
- ◆ Delegate information: create and manage the delegate's database
 - Edit delegate information: number, type, name, voting weight, leader (yes or no), presidium (yes or no) etc. Supports individual picture in the database
 - Fast search and filter facility
 - Recover delegate from recycle bin
 - Database updatable

- ◆ Participant information: select the delegates to participate in the conference from the database
 - Add participants by filter conditions (for example delegate type, team)
 - Check participant information by filter conditions (for example delegate type, team)

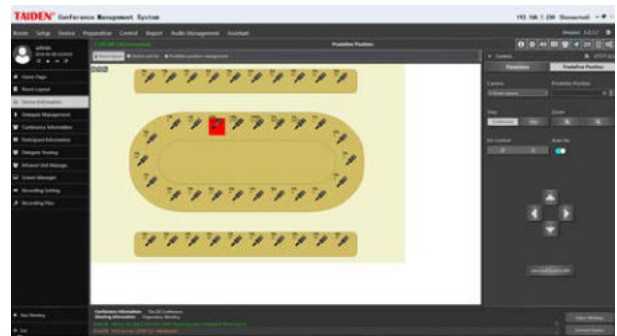
Ordering Information

HCS-5314/80...Voting Management Software Module (including delegate management, multiform voting)

**HCS-5315/80
Video Control Module**



Video matrix



Camera control

Functions

Carries out automatic video tracking when cooperating with camera and video switch unit.

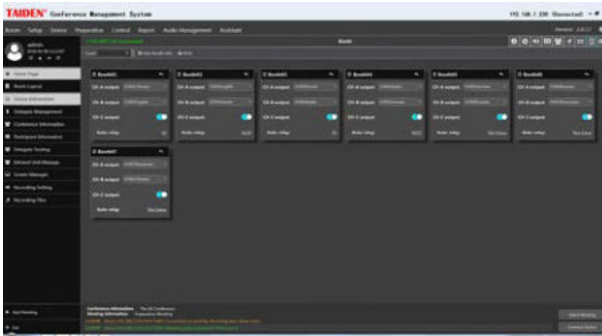
- Set up video matrix: set input/output channels for computer, camera and other video apparatus according to the connections between video equipment and video switch unit. The configuration can be sent to the main unit for synchronization
- Video switch: switch among different input and output video signals according to the video matrix
- Camera preset: cooperating with microphone management module to set and adjust the camera preset for each seat/microphone and to transmit speaker's video picture simultaneously to a hall display
- Camera control: preset the panorama of the conference venue

Ordering Information

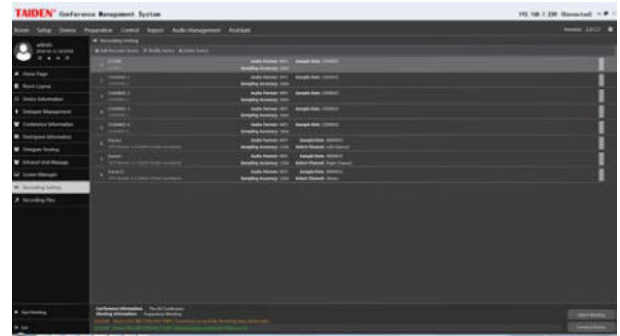
HCS-5315/80.....Video Control Software Module

HCS-5316/80 Simultaneous Interpretation Module

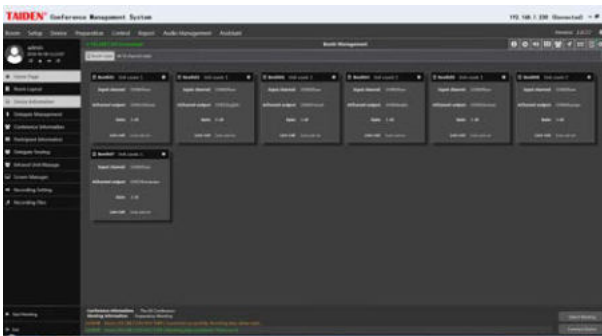
HCS-5319/50 Synchronous Recording Module



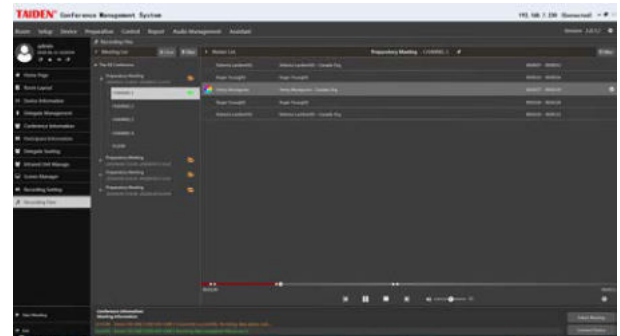
Interpretation channel setup



Recording setting



Booth management



Recording files

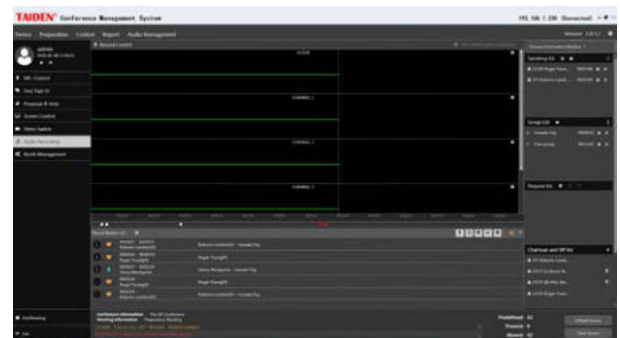
Functions

Set up the simultaneous interpretation channels, interpreter booth(s) and booth management:

- Simultaneous interpretation channel setup:
 - ◆ Set the channel count and language for each channel and save into the database
 - ◆ Set language and its abbreviation
 - ◆ Send the configuration to the Congress Main Unit for synchronization
 - ◆ Display Congress Main Unit configuration on the window
- Set up interpreter booth(s)
 - ◆ Set the count of interpreter booth, and save into database
 - ◆ Set the outgoing for channel A, B and C of each booth
 - ◆ Set the auto-relay booths for each interpreter booth
 - ◆ Send configuration to the Congress Main Unit for synchronization
- Booth management: synchronously control and communicate with the booth during the meeting, monitor booth state and SI channel state

Ordering Information

HCS-5316/80.....Simultaneous Interpretation Software Module



Audio recording

Functions

Records speakers' audio information:

- Integrated into **TAIDEN** conference management application software, easy to operate
- Recording setting:
 - ◆ Supporting local device and current main unit
 - ◆ Local device: recording mixing audio of floor channel and interpreter audio of SI channels, Dante virtual soundcard on PC and Dante interface on main unit are needed
 - ◆ Current main unit: recording mixing audio of floor and single microphone audio

- Recording files:
 - ◆ Meeting channel list and marker list with search facilities, search audio record file needed to playback quickly (by keywords, begin time, end time and marker type, etc.)
 - ◆ Recorded file playback, pause, stop etc.
 - ◆ Channel audio playback and speaker's audio playback
 - ◆ General file format saving: saved file playback by conventional media player
 - ◆ Delete recorded file
- Audio recording: audio recording starts automatically after the meeting starts, supports marker editing and marker documents uploading

Ordering Information

HCS-5319/50 Synchronous Audio Recording Management Software Module

**HCS-5321/80
Multi-User Console Module**



Functions

If more than one operator is involved, a multi-user console is available for meeting controlling, apart the system application software. Enter the IP address and port number of DCS server in the web browser or scan the QR code via mobile terminal to open multiuser control platform interface.

Basic conference control module:

- Conference information
- Participant information
- Microphone control
- Sign-in information
- Vote information
- Screen control
- Record control
- Record files

Ordering Information

HCS-5321/80 Multi-User Conference Control Software Module

HCS-5343/80

Digital HD Video Recording Management Software Module



Functions

Digital HD Video Recording Management Software Module works on dual-core processor/4G or higher/Discrete graphic card/1440×900 (better)/DirectX 9.0 or higher Running Environment. With HCS-8130M series Professional Audio & Video Recorders can realize functions of video preview, video and record playback, meeting and management download, etc.

- **Preview, Playback, Download, Meeting and Management**
- **Includes screen layout, preview, video record, meeting record playback, information management and meeting download:**
 - ◆ Screen layout: layout of multi sub screen, 4,6,8 or 9 sub screens
 - ◆ Preview
 - ◆ Record: record meeting video manually; if having connected to DCS, record starts when meeting starts
 - ◆ Playback: files playback, must connect corresponding DVR
 - Playback video channel optional, playback all channels or any channel
 - Video display adjustable, 4:3 or 16:9
 - Support play/lull, stop, quick play and slow play
 - Support search by meeting, room or time, etc.
 - ◆ Information management: set up the connection of conference devices and synchronize meeting information from DVR to PC
 - ◆ Download: download video and audio files
 - Select the partition time(10min, 30min, 60min, 90min or 120min) as stated capacity to partition the file into some sections to save
 - Download type optional, includes speak information, SI information and proposal information
 - User defined information by time, defined a new event from the selected conference by setting up the start time and end time

Ordering Information

HCS-5343/80Digital HD Video Recording Management Software Module