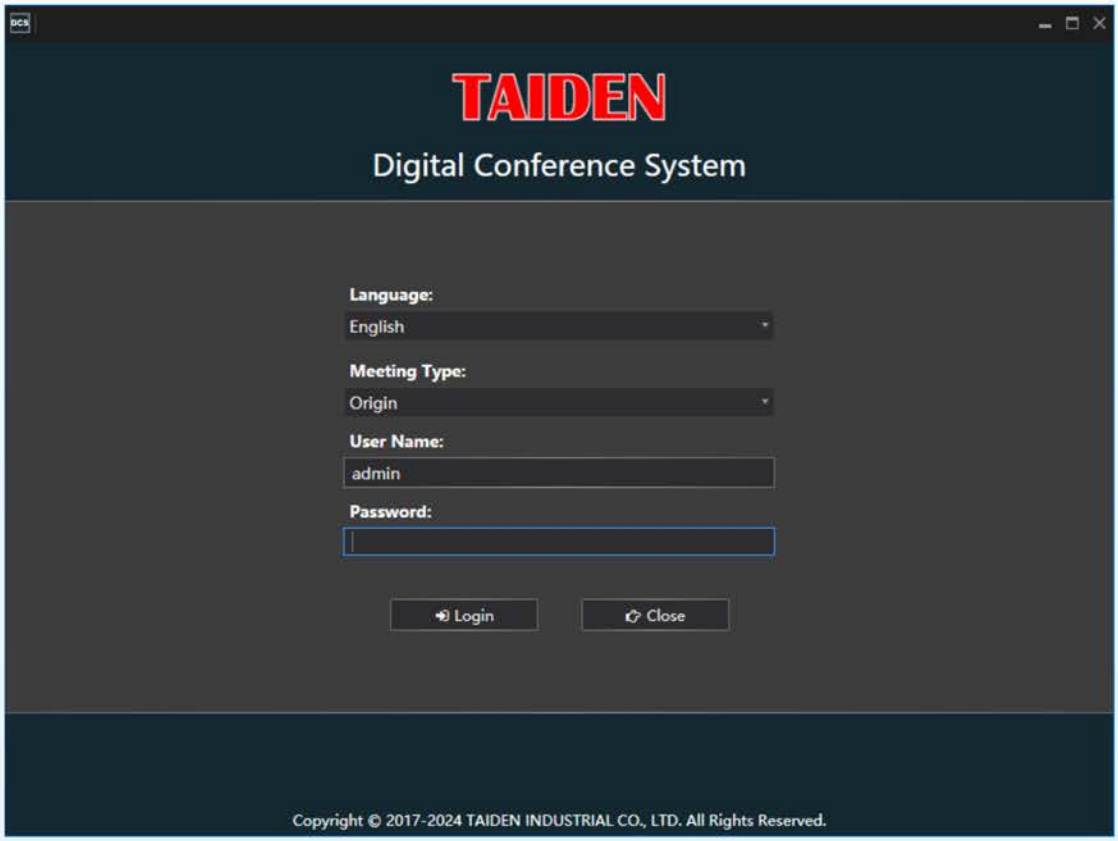
TAIDEN

HCS-8600 Series Application Software



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202410

Paperless Multimedia Congress System

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HCS-8600 Series Application Software

HCS-8600 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-8600 application software connected into the Fully Digital Conference System, the operator can manage all aspects of the conference centrally. The operation turns out to be easy and efficient.

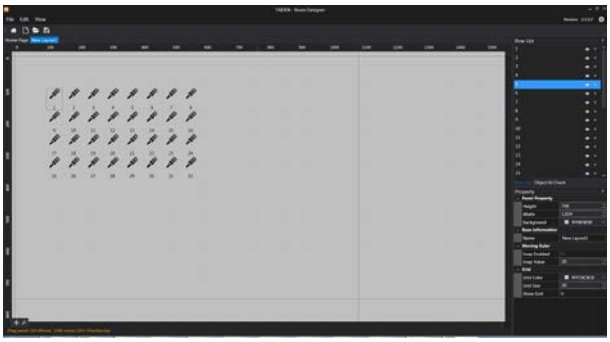
HCS-8600 application software is a modularized software with various functions:

- Basic System Setup Management Software (HCS-8510)
- Professional Venue Design Software (HCS-8512)
- Professional Venue Design Software (HCS-8512S)
- Microphone Management Software (HCS-8513)
- Voting Management Software (HCS-8514)
- Video Control Software (HCS-8515)
- Simultaneous Interpretation Software (HCS-8516)
- Synchronous Audio Recording Management Software (HCS-8519)
- Multi-User Conference Control Software (HCS-8521)
- Dual PC Server Hot Spare Software (HCS-8522)
- Dual System Main Unit Hot Spare Software (HCS-8525)
- Touched/Contactless IC-Card Sign in Management Software (HCS-8526)
- Fingerprint Identification Management Software (HCS-8529)
- Electronic Nameplate Management Software (for HCS-1082 series E-ink nameplate) (HCS-8531)
- Electronic Nameplate Server Software (for HCS-1082N series E-ink nameplate) (HCS-8532)
- CongressMatrix Software (HCS-8538)
- Congress Service Management Software (HCS-8539)
- Video Service Software (HCS-8540)
- File Management Software (HCS-8541)
- Booth Management Software (HCS-8544S)
- PC Encoder Software (HCS-8546)
- Lan Extension Screen Software (HCS-8547)

HCS-8510
Basic Software

Basic software consists of an amount of facilities, e.g. room layout design (normal edition), conference management, main unit configuration, contribution unit configuration, information display, system detection, system report, and user management.

Room design facility



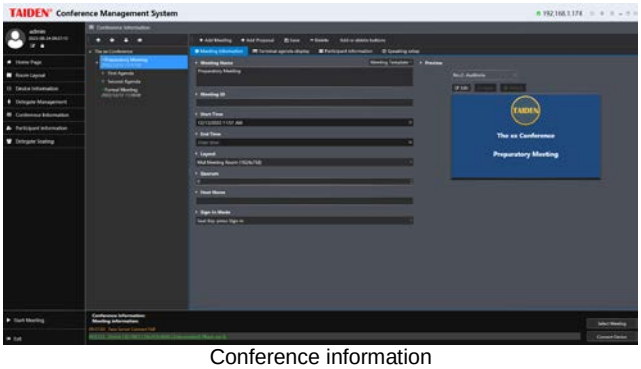
Room design (normal edition)

Functions

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
- Configuration room settings at any time via “Propety” item
- Save/open files for file management
- Especially suitable for small-scale and medium-sized meeting room/hall. The professional edition of venue design software offers more facilities described in HCS-8512 Professional Venue Design Software

Conference information management



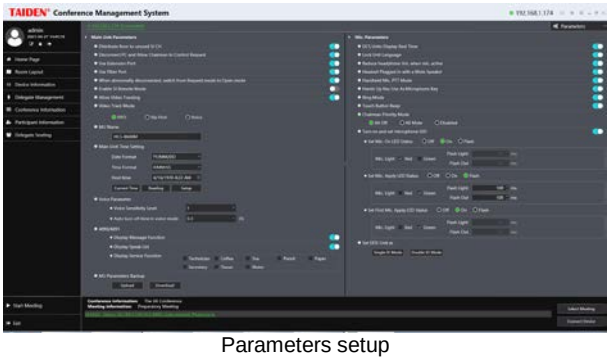
Conference information

Functions

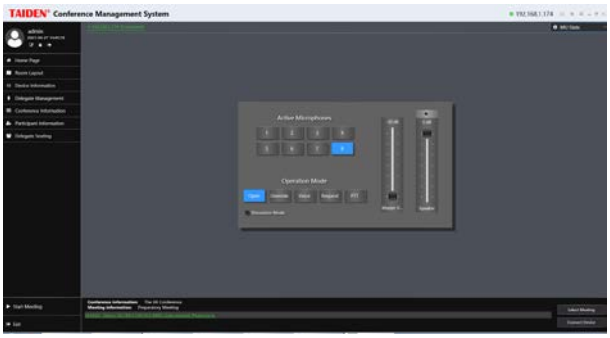
Comprehensive conference information management facility, for clear and easy user management.

- Includes conference name and meeting information
- Each conference consists of several meetings
- Creation of a new meeting for appointed conference
- Meeting:
  - Meeting content: meeting name, layout, meeting start/end time, sign in mode and quorum and conference content
  - Agenda manage: generate agenda from DB or load from file
  - Participant information: add participants for current meeting
  - Speaking setup: speaking setup for current meeting
  - Display of convoked meetings in distinct colors
  - Locking a convoked meeting for meeting data protection
- Freely switch between the meetings to manage

Main unit configuration facility



Parameters setup



MU state

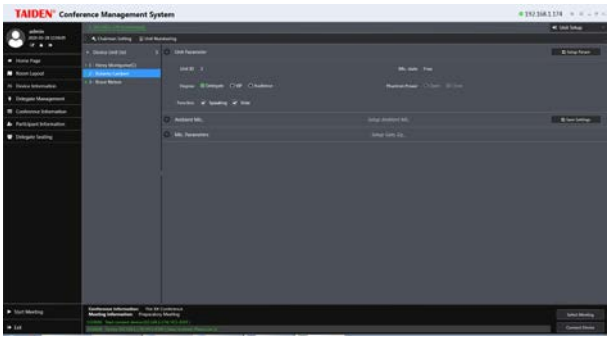
Functions

Provides **Parameters setup** and **MU state** sub-modules.

- **Parameters:**
  - Main Unit Parameters:
    - Distribute floor to unused SI CH: select whether to distribute floor to unused SI channel automatically or not when the SI channel is not operated
    - Disconnect PC and Allow Chairman to Control Request
    - Use Extension Port: select whether use extension port or not
    - Use Fiber Port: select whether use fiber port or not
    - When abnormally disconnected, switch from Request mode to Open mode
    - Enable SI Remote Mode
    - Allow Video Tracking: turn on/off video track function
    - Video Track Mode: set video track mode as FIFO, VIP First or Voice when video tracking
    - MU Name: set main unit name
    - Main Unit Time Setting: setup the time displayed on the LCD of the main unit's front panel
      - Current time: display the time of the DCS server
      - Reading: read the time of the main unit
      - Setup: set the time of the main unit according to the time of the DCS server
    - Voice Sensitivity Level: set the sensitivity "Level" to open microphone in voice mode
    - Auto turn off time in voice mode: set the sensitivity "Off Time" to close microphone in voice mode
    - 4890/4891: set content display for HCS-4890/4891 series congress unit (Message/Speak List/ Service)
    - MU Parameters Backup
  - Microphone Parameters:
    - DCS Units Display Real Time: select whether the contribution units display real time or not
    - Lock Unit Language:
    - Reduce headphone Vol. when mic. active: select whether reduce headphone volume or not when Mic. active
    - Headset Plugged in with a Mute Speaker
    - Handheld Mic. PTT Mode: force handheld microphone to PTT mode
    - Hands Up Key Use As Microphone Key: hands-up key is used as microphone On/Off key except discussion mode;
    - Ring Mode: turn on/off all ring tones of the conference units when applying to speak, on receipt of a short message or on IC card insertion
    - Chairman Priority Mode: set the operation when the chairman unit presses the priority button
      - All Off: turn off all microphones of delegates
      - All Mute: mute all microphones of delegates temporarily; once the button released, the former state is restored
      - Disabled: disable chairman unit's priority function. If disabled, the function of the priority key is the same as the Mic. On/Off key
    - Turn on and set microphone LED: LED color: red, green or yellow, LED Status: On, Off or Flash
    - Set DDS Unit mode: single ID mode or Double ID mode

- **MU state**: synchronously display and adjust the status of the Congress Main Unit, for flexible control of the CMU by the operator
  - Active Microphones (1~8)
  - Operation mode (Open/Override/Voice/Request/PTT)
  - Master Volume (-30 dB ~ 0 dB)

Contribution unit configuration facility



Set up contribution unit interface

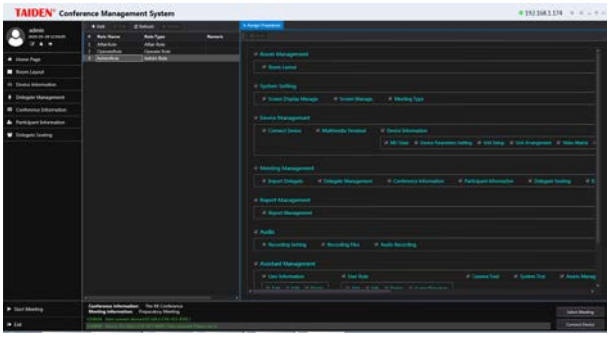
Functions

Set up and reconfigure internal parameters of the contribution unit by the administrator.

Parameters include:

- Contribution unit degree (Delegate/VIP/Audience)
- Built-in facilities (Speaking/Vote/IC card sign-in)
- Unit language
- Microphone sensitivity and EQ
- Easy reconfiguration of the internal settings
- Easy selection of any chairman unit to be executive chairman unit

User management



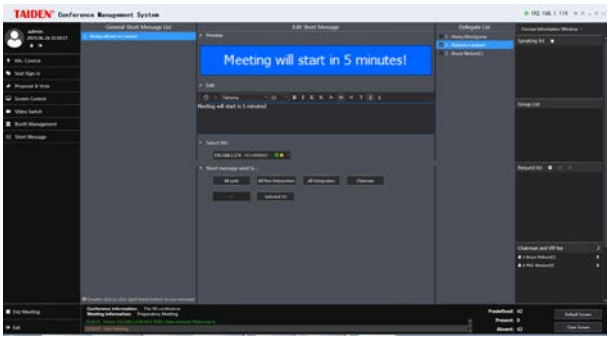
User management interface

Functions

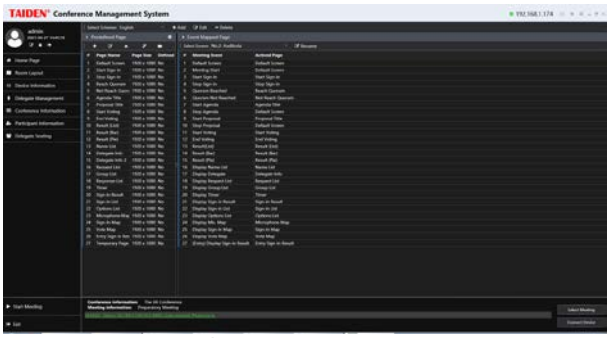
Create/delete a user, change user password and authorization

- Create a new user, and set his/her account, password, authority
- Change user's password and authorization
- Supports deleting a user

Information display



Short message



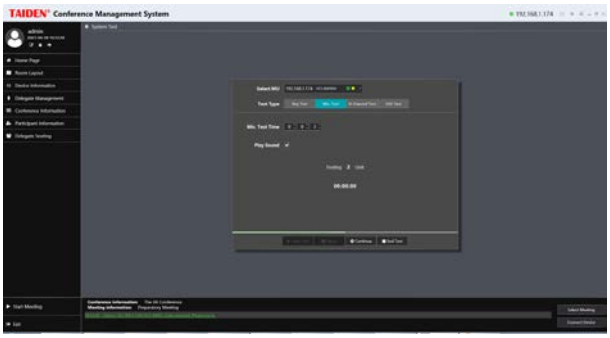
Screen management

Functions

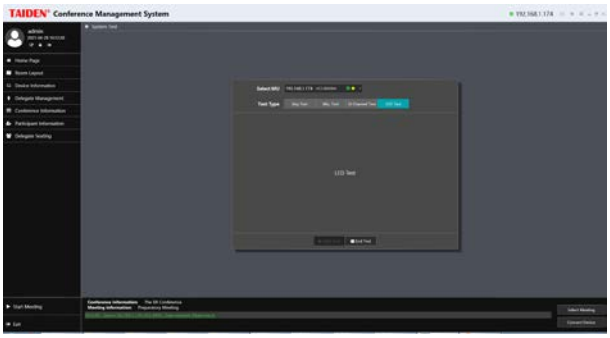
Include screen management and short message.

- **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 screen for more convenience
- **Short message:**
  - Write short message: write short message up to the permitted message size, synchronous display for preview purposes. Supports various Chinese/English fonts and formats
  - Send short message: select the compiled short message and send it/them to the unit(s), e.g. all contribution units (CU), all interpreters / non-interpreters, chairman and selected CU etc.
  - Contribution unit should be equipped with LCD to receive and display the short message

System detection



Key test interface



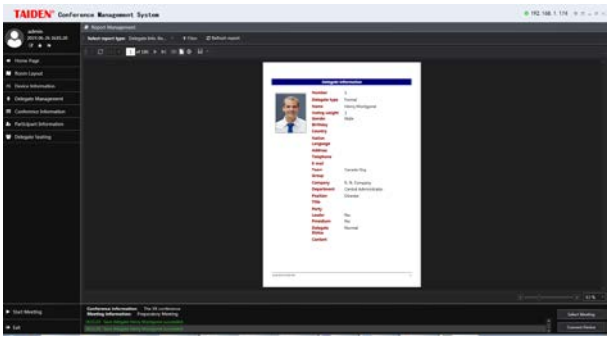
LED test interface

Functions

Online system test facility, including **Key test and LED test.**

- **Key test:** starts key test for all system-connected contribution unit
  - Main unit IP address display
  - Contribution units enter key detection state for key tests immediately on start of key test routine
  - Result display on software interface on routine completion
  - Supports printout
- **LED test:**
  - The LEDs (indicating light) on all connected contribution units will blink

Report system



Report system

Functions

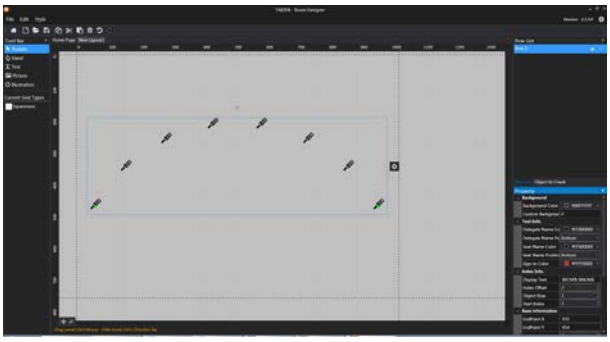
Conference information output from the software's database, for backup or printout purposes. The conference information includes:

- Delegate Information Report
- Seat Sign-in Report
- Seat Sign-in Name List
- Vote Result Report
- Vote Name List
- Congress Report
- Entry Sign-in Report

Ordering Information

HCS-8510 ..... Basic System Setup Management Software

HCS-8512
Professional Venue Design software



Venue design (professional)

Functions

Unlike the normal edition of the Venue Design software, the professional version has additional powerful functions to design manifold layouts of venues. The main difference is the availability of functional buttons for file operation (toolbar buttons) and object operation (buttons below toolbar buttons) in the toolbars. In addition, the functions are also available in the file right-click pop-up menu. Moreover, the Properties dialog box is on right of the window for fast changing the properties of current object.

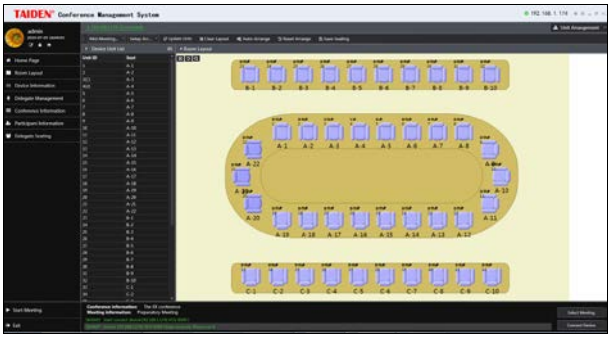
- File operation:
  - Venue design supports file operation, including: new, open, save as, save layout template and export
  - Create a new conference file: set the background color, room size and other parameters, including:
    - Room layout room
    - Background color
    - Size
    - Line number
    - Numbers per line
    - Seat icon
    - Transparent icon or not
    - Display as mic. icon or not
    - Background image
  - The parameters above can be changed at any time through “Property” item on the toolbar
  - Add seat/microphone icons line by line, 8 seats/ microphones per line as default value. The amount of seats/microphones per line can be modified. While the normal edition can add only one seat at one go, the professional venue design software can add groups with more than one seat/microphone per group
  - Shifting facility for complete layout
- Define object:
  - Picture library with default (customized and/or recurrent) objects
  - Modifiable object information, e.g. object name, image path, distinguishable colors for displaying object images in different states (e.g. signed-in etc.)
- Powerful "Property" function: object attribute can be set and changed, including:
  - Set group name and object name
  - Set unique ID and ID display mode for every object, supporting different fonts and sizes
  - Set starting object status
  - Set a radian for the object group and design seat layout according to true seating positions
  - Set start index of the object group
  - Change the amount of the units in an object group
  - Set numbering increment
  - Set initial background color and whether transparent or not
  - Set start and end coordinates of object group
- Object ID check facilities
- Support object copy, cut, paste and delete operation
- Object arrangement can be changed

Ordering Information

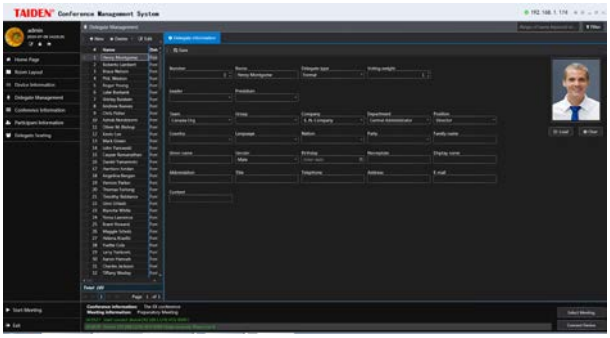
HCS-8512 ..... Professional Venue Design Software

HCS-8512S ..... Professional Venue Design (Independent setup)

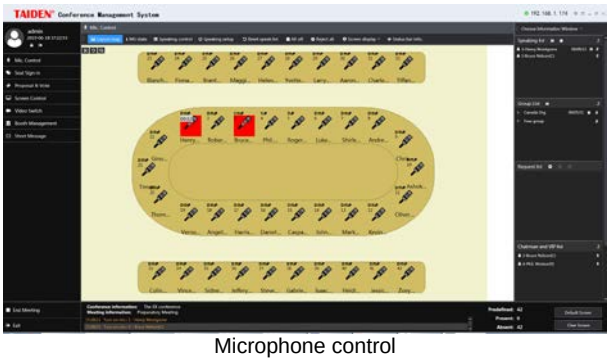
HCS-8513
Microphone Management Software



Unit arrangement



Delegate information



Microphone control

Functions

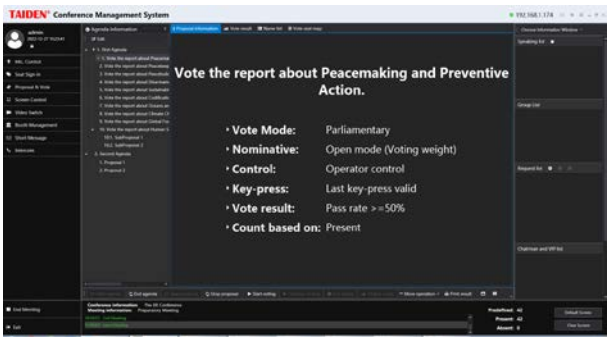
Seat arrangement, **delegate management** and **microphone control sub-modules**

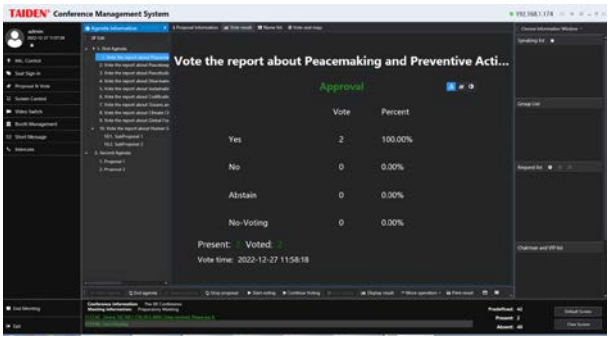
- **Seat arrangement** facility includes delegate seating and unit arrangement functions
  - Delegate seating is used to assign seats for the delegates, e.g.:
    - Assign a single seat for each delegate
    - Section seating, automatic seat assignment for a group of delegates, supports new assignment – in parts or entirely
    - Clear a single seat if required for a new assignment
  - Unit arrangement: assign the Congress Units to the corresponding positions based on the true delegate seating, current cabling and layout:
    - Unit arrangement, assign the Congress Units to the true delegate seating
    - Delete unit, reassign the units
    - Locate seat position by menu operation
    - Operate the arranged units to check the arrangement
- **Delegate management** includes three sub-modules: delegate information, participants and delegate authority
  - Delegate information: create and manage the delegate's database
    - Import/Export delegate information
    - Edit delegate information: number, type, name, voting weight, leader (yes or no), presidium (yes or no), etc. Supports individual picture in the database
    - Users can customize the options in the above items
    - Customer-specific options for above items
    - Fast search facility
    - Database updatable
  - Participants: select the delegates to participate in the conference from the database
    - List delegate information by filter
    - Group adding function by filter
  - Delegate authority:
    - Degree: chairman or delegate
    - Authority: speak, vote and vote board
- **Microphone control**: combined with venue design, seating arrangement, delegate management, conference 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
  - Approve/deny delegates' speaking requests
  - Deny all speaking requests
  - Delegate speech timing
  - Record and save speaking
  - Parliamentary mode control
  - 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

Ordering Information

HCS-8513 ..... Microphone Management Software

HCS-8514
Voting Management Software





Topics and voting

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:
      - For/Against
      - Parliamentary: YES/NO/ABSTAIN
      - Questionnaire: 1/2/3/4/5
      - Audience response: --/-/0/+/++
      - Parliamentary (NPPV): YES/NO/ABSTAIN/NPPV
      - Appraisal:
        - satisfied (four keys voting: perfectly satisfied/satisfied/basically satisfied/unsatisfied) (three keys voting: satisfied/basically satisfied/unsatisfied) (two keys voting: satisfied/unsatisfied)
        - Qualified (four/three/two keys voting)
        - Competent (four/three/two keys voting)
    - Control modes: chairman control / operator control / time controlled voting
    - Calculation: predefined or in relation to the participants attending the meeting in person
    - Register mode: nominative/ballot
    - Validity mode: first key press valid/last key press valid
    - Pass rate: between 1% and 100%
  - Multi-proposal voting at one time
  - 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 functions
  - Delegate seating is used to assign seats for the delegates, e.g.:
    - Assign a single seat for each delegate
    - 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
  - Unit arrangement: assign the Congress Units to the corresponding positions based on the true delegate seating, current cabling and layout:
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    - Delete unit, reassign the units
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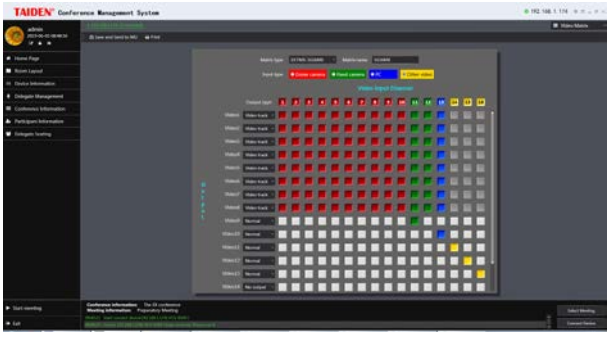
    - Import/Export delegate information
    - Edit delegate information: number, type, name, voting weight, leader (yes or no), presidium (yes or no), etc. Supports individual picture in the database
    - Users can customize the options in the above items
    - Customer-specific options for above items
    - Fast search facility
    - Database updatable
  - Participants: select the delegates to participate in the conference from the database
    - List delegate information by filter
    - Group adding function by filter
  - Delegate authority:
    - Degree: chairman or delegate
    - Authority: speak, vote and vote board

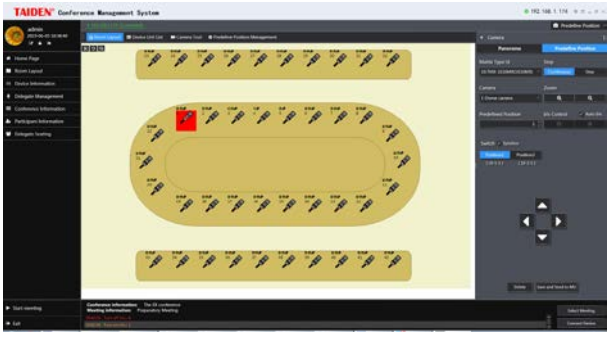
Ordering Information

HCS-8514 ..... Voting Management Software (including delegate management, multiform voting, multi-proposal voting)

HCS-8515
Video Control Software



Video matrix



Camera control

Functions

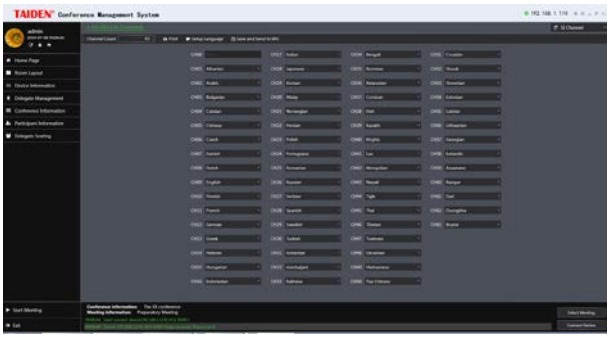
Carries out automatic video tracking when cooperating with camera and video switch unit.

- 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 Congress 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 Software 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

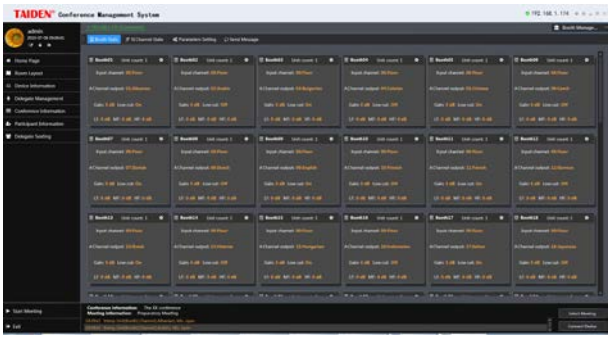
Ordering Information

HCS-8515 ..... Video Control Software

HCS-8516
Simultaneous Interpretation Software



Interpretation channel setup



Interpreter booth status

Functions

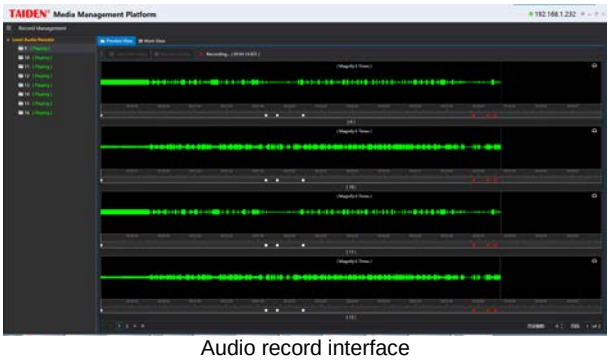
Set up the simultaneous interpretation channels and interpreter booth(s):

- Simultaneous interpretation channel setup:
  - Set the channel number 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 number 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
  - Assign the interpreter booth afresh after booths combination
  - Send configuration to the Congress Main Unit for synchronization
- Manage interpreter booth: synchronously control and communicate with the booth during the meeting
  - Booth status and Channel status
  - Switch output channel
  - Set up interpreter unit microphone parameters (Gain, EQ and Lowcut)
  - Close interpreter unit microphone

Ordering Information

HCS-8516 ..... Simultaneous Interpretation Software

HCS-8519
Synchronous Audio Recording Software



Audio record interface

Functions

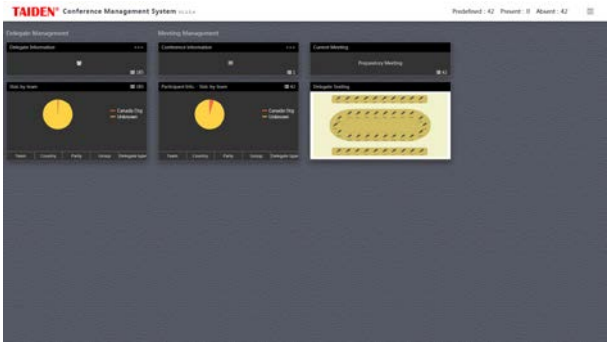
Records speakers' audio information:

- Integrated into **TAIDEN** media management platform, easy to operate
- Recording Setting
  - Add recorder device
  - Set up record audio quality
  - Configure recording channel
- Audio recording
  - Begin/end automatic recording according to microphone on/off
  - Once microphone enabled, speaking delegate's voice is recorded in audio file (MP3 format)
  - Add/delete/search marker for audio file
  - Increase/decrease start/end time for marker
  - Edit marker name, content, and upload file for marker
- Recording files:
  - Search facilities, search audio record file needed to playback quickly (by conference ID, speaker, begin time, continuous time, etc.)
  - Playback all recordings one by one
  - Recorded file playback, fast play, pause/stop, etc.
  - General file format saving: saved file playback by conventional media player
  - Delete any recorded file or all recorded files

Ordering Information

HCS-8519 ..... Synchronous Audio Recording Management Software

HCS-8521
Multi-User Console Software



The primary window of multi-user console

Functions

If more than one operator is involved, a multi-user console is available for controlling speaking and voting, apart the system application software.

- Input web address on browser to access multi-user console
- Scanning QR code to access multi-user console
- User name, password and authority were created by adminator
- User controls conference in his/her authority

Ordering Information

HCS-8521 ..... Multi-User Conference Control Software

HCS-8522
Dual PC Server Hot Spare Software

Start to backup interface

Backing up interface

Functions

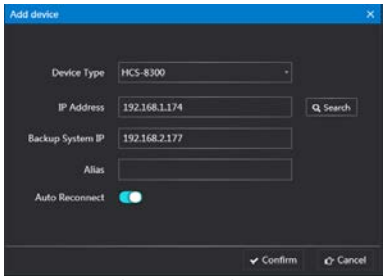
Dual PC server hot-spare is a disaster protective structure. If the main operating computer breaks down during a conference, the backup computer immediately substitutes the main computer and continues conference management.

After connection to main operating computer, the backup console application first starts an automatic backup (incl. database and conference related information). If there is any change in the database, the backup console application will update backup automatically.

Ordering Information

HCS-8522 ..... Dual PC Server Hot Spare Software

HCS-8525
Dual System Main Unit Hot Spare Software



Connect to CMU

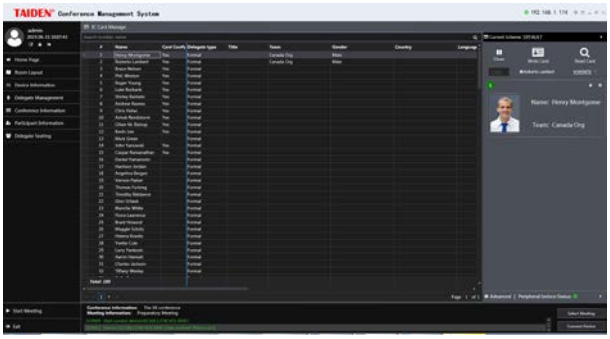
Functions

Dual main unit hot spare is a disaster protective structure. Besides the Congress Main Unit, user can set another Congress Main Unit as backup Congress Main Unit and connect it to the system. If the Congress Main Unit breaks down during the conference, the backup Congress Main Unit substitutes the Congress Main Unit and system software will connect to backup Congress Main Unit automatically, ensuring consistency of the conference.

Ordering Information

HCS-8525 ..... Dual System Main Unit Hot Spare Software

HCS-8526
Touched/Contactless IC-Card Sign-in Management Software



IC-Card distribution

Functions

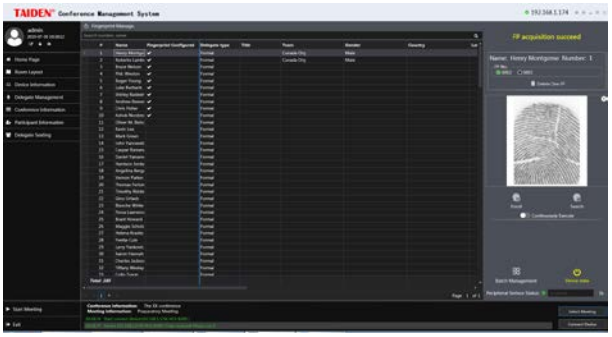
IC-Card distribution, **IC-Card loss/activate** and **delegate management sub modules**

- **IC-Card distribution**:
  - The IC-Card contains conference number, participant's number, identity, rights, etc.
  - Card authentication restricted to one conference facility. New authentication subject to IC-Card rewriting
  - Write IC-Card before IC-Card distribution
- IC-Card loss: report card loss. Cards counted for lost cannot carry out conference sign-in
- IC-Card activate: activate the lost card when it comes back
- **Delegate management** includes three sub-modules: delegate information, participants and delegate authority
  - Delegate information: create and manage the delegate's database
    - Import/Export delegate information
    - Edit delegate information: number, type, name, voting weight, leader (yes or no), presidium (yes or no), etc. Supports individual picture in the database
    - Users can customize the options in the above items
    - Customer-specific options for above items
    - Fast search facility
    - Database updatable
  - Participants: select the delegates to participate in the conference from the database
    - List delegate information by filter
    - Group adding function by filter
  - Delegate authority:
    - Degree: chairman or delegate
    - Authority: speak, vote and vote board
    - Chairperson privilege is needed when sign-in at chair unit (Free seating)

Ordering Information

HCS-8526 ..... Touched/Contactless IC-Card Sign-in Management Software

HCS-8529
Fingerprint Identification Management Software



Fingerprint management

Functions

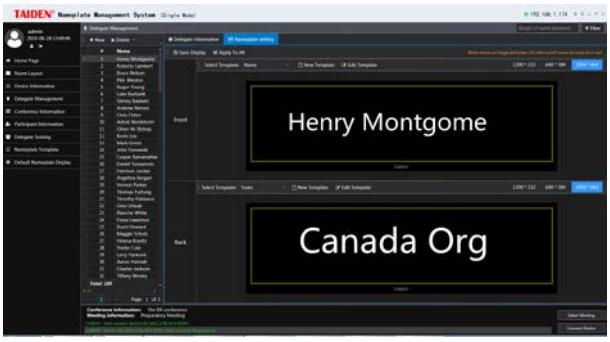
Fingerprint management and **delegate management sub modules**

- **Fingerprint management**:
  - Enroll fingerprint and the fingerprint data will be numbered automatically by the system
  - Search fingerprint and the result is listed with matching score
  - Delete fingerprint before meeting started
  - Import/export fingerprint data from/to file before meeting started
- **Delegate management** includes three sub-modules: delegate information, participants and delegate authority
  - Delegate information: create and manage the delegate's database
    - Import/Export delegate information
    - Edit delegate information: number, type, name, voting weight, leader (yes or no), presidium (yes or no), etc. Supports individual picture in the database
    - Users can customize the options in the above items
    - Customer-specific options for above items
    - Fast search facility
    - Database updatable
  - Participants: select the delegates to participate in the conference from the database
    - List delegate information by filter
    - Group adding function by filter
  - Delegate authority:
    - Degree: chairman or delegate
    - Authority: speak, vote and vote board

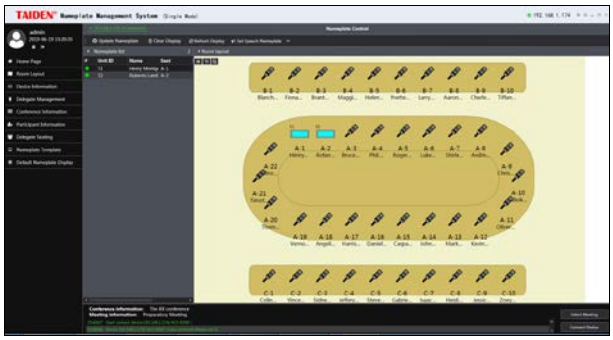
Ordering Information

HCS-8529 ..... Fingerprint Identification Management Software

HCS-8531
Electronic Nameplate Management Software
(for HCS-1082 series E-ink nameplate, congress main unit needed)



Delegate Management



Nameplate Control

Functions

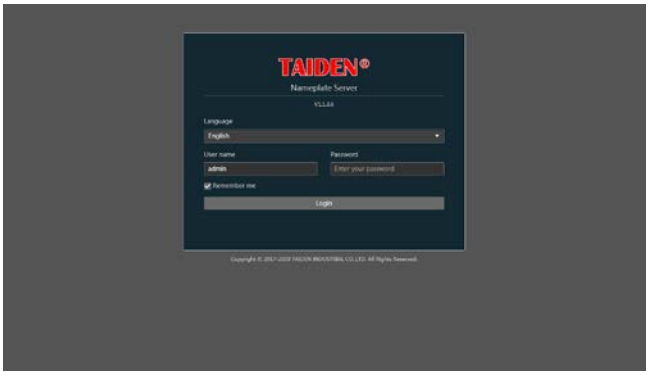
TAIDEN electronic nameplate system works together with TAIDEN HCS-1082 series E-ink nameplate to realize soft, flicker-free, glare-free and power saving electronic nameplate function. It has two work modes: Single mode and DCS mode.

- Single mode
  - Assistant: supports user information and user role
  - Room layout: add, manage and design room layouts
  - Device management: add device and connect device
  - Meeting management: add/edit meeting information and edit delegate information, design nameplate template;
  - Delegate management: create and manage the delegate's database; set up display effect for delegate screen;
  - Nameplate/Delegate seating: assign the nameplate/delegate to the corresponding positions based on the true seating layout
  - Nameplate control: includes nameplate number, seating and display controlling
- DCS mode:
  - Get meeting database from DCS server; including meeting information, room layout, delegate information, etc.
  - Nameplate control: includes nameplate number, seating and display controlling

Ordering Information

HCS-8531	Electronic Nameplate Management Software (for controlling HCS-1082 series E-ink nameplate , works with congress main unit, can be bounded to conference unit once connected)

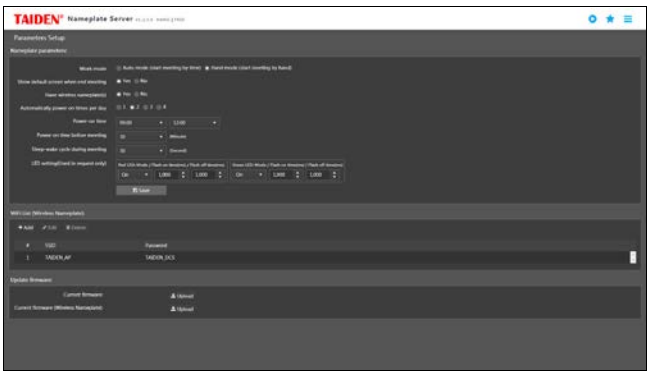
HCS-8532
Electronic Nameplate Management Software
(for HCS-1081/HCS-1082N series E-ink nameplate, w/o congress main unit)



Login

Nameplate Setup

Nameplate Control



Parameters Setup

Functions

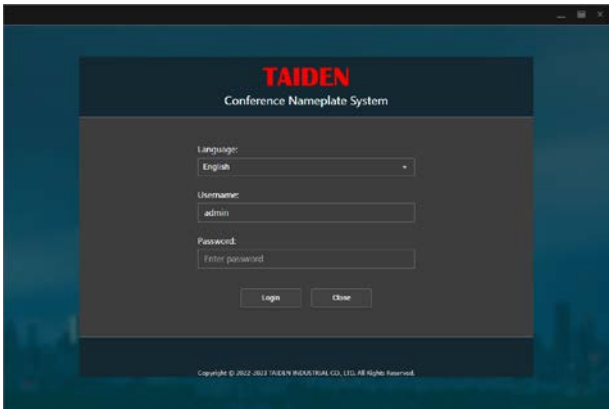
TAIDEN electronic nameplate server is an electronic nameplate control and management platform based on network, cooperating with TAIDEN HCS-1081/1082N series E-ink nameplate. After configure electronic nameplate server, users can control the system through any computer which can access the server. It has two work modes: Auto mode and Hand mode. When work on Auto mode, the nameplate server will start meeting by time automatically.

- Meeting management
  - Meeting information: add/edit conference and meeting information
  - Delegate information: create and manage the delegate's database; set up display effect for delegate screen
  - Participant information: select the delegates to participate in the conference from the database
  - Delegate seating: is used to assign seats for the delegates, e.g.
- Nameplate management
  - Nameplate control: control nameplate display (default screen, delegate screen, device information), Update firmware, Restore factory setting, Inverse, Extension port setting, Agree/Add request, Cancel request, etc.
  - Nameplate arrangement: assign the nameplate to the corresponding positions based on the true seating layout
  - Nameplate template: design nameplate template
  - Nameplate default Display: select and edit default display
  - Parameters setup: include setup nameplate paremeters and update firmware file
- System settings
  - Room layout: add and manage room layout
  - User management: create/delete a user, edit user password

Ordering Information

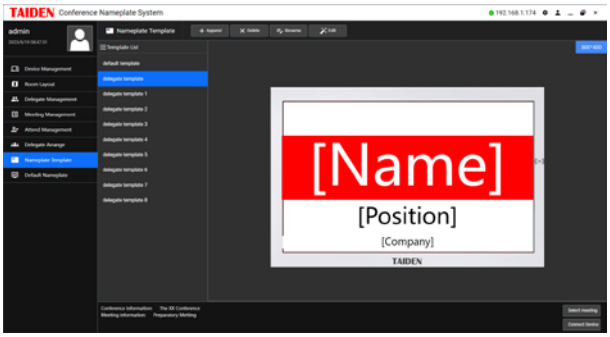
HCS-8532	Electronic Nameplate Management Software (for controlling HCS-1082N series E-ink nameplate via network, works without congress main unit, HCS-8512S included)

HCS-8532G
Electronic Nameplate Management Software

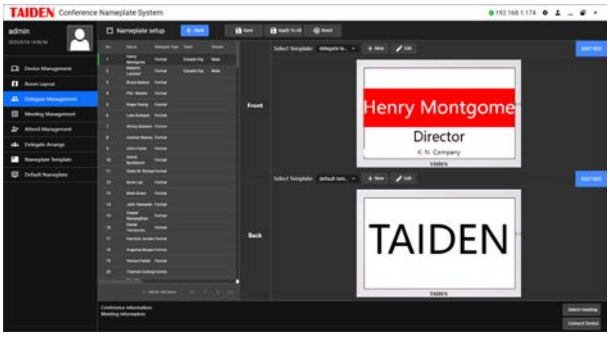


Login

Nameplate Arrangement



Nameplate Template



Nameplate Setting

Functions

TAIDEN electronic nameplate system works together with TAIDEN HCS-1082/HCS-1085 series E-ink nameplate to realize soft, flicker-free, glare-free and power saving electronic nameplate function.

- Device management:
  - Nameplate control: number nameplates, assign nameplates to corresponding positions according to seat arrangement, control nameplate display and change personnel information and ranking order according to needs
  - Nameplate arrangement: assign the nameplate to the corresponding position according to the seating arrangement and the actual connection situation
- Room Layout: for loading conference room layout file
- Delegate Management: Create/Edit/Delete delegate, delegate nameplate setting, Import/Export delegate
- Meeting Management: add conference and meetings
- Attend Management: add participants for the current meeting from the delegate information database
- Delegate Arrange: arrange participators to seats in the room layout
- Nameplate Template: nameplate append/delete/rename/edit

Ordering Information

HCS-8532G..... TAIDEN Conference Nameplate System Software (for controlling HCS-1082/1085 series nameplate, congress main unit needed, work independently, HCS-8512S included)

HCS-8538
CongressMatrix Software

CongressMatrix Software Interface

Functions

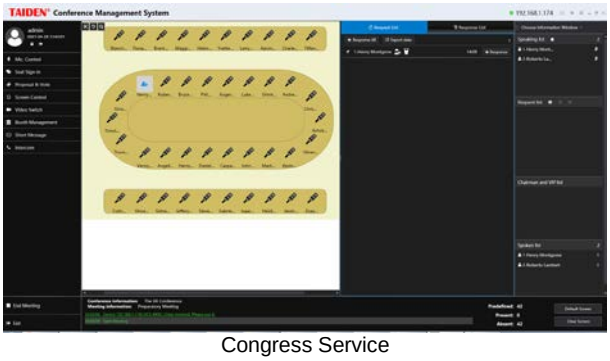
HCS-8600 Series Congress System based on TAIDEN originated CongressMatrix™ technology, embedding an (n+8)×26 audio matrix processor (n is the number of microphones connected in the system) in the Congress Main Unit which enables connection to a multi-channel independent PA system (up to 8 channels).

- 26 discrete audio outputs, including:
  - Line 1~2 output: 31 band graphical EQ (preset three bandwidth for fast selection: narrow band, normal and wide band) + DRC (dynamic range compressor) + time delay (maximum delay time is 1 s)
  - AES 1~2 output: 31 band graphical EQ (preset three bandwidth for fast selection: narrow band, normal and wide band) + DRC (dynamic range compressor)
  - Group output 1~6: 15 band graphical EQ (preset three bandwidth for fast selection: narrow band, normal and wide band) + DRC (dynamic range compressor) + time delay (maximum delay time is 1 s)
  - USB 1~2 output: 8 band parameterized EQ + DRC (dynamic range compressor)
  - Dante 1~16 output: 8 band parameterized EQ + DRC (dynamic range compressor)
- Connectable to a multi-channel independent PA system. Each channel is supplied with its proper audio signal. The audio signal of each microphone can be routed to any speaker at any ratio, thus “N-1” function can be realized easily: when the microphone in one area is turned on, its audio signal is only routed to all areas except to its own, avoiding acoustic feedback (howl) when audio transmission gain is increased
- 26 channels audio output function
- Recording by group function
- Gain and lowcut of each microphone adjustable separately, fitting the individual orator’s voice to achieve perfect speech pickup any time
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Integrated voice enhance and howling suppression function for each microphone to improve sound effects
- 2 audio line in (Line/Dante) + 2 AES in (AES/Dante) + 2 USB in (USB/Dante) +2 Dante in, or 1 audio line in (Line/Dante) + 1 microphone input + 2 AES in (AES/Dante) + 2 USB in (USB/Dante) +2 Dante in, gain and EQ for each input adjustable separately. +48 V phantom power supply at microphone input, condenser microphone can be connected directly, maximum supports 8 Dante input.
- Real –time display of input and output level
- Three audio modes for selection: normal mode, teleconferencing mode and external processor mode
- Supports for configuration scene saving, calling and switching
- Connectable to multi-channel audio input or output devices for versatile expansion of the system

Ordering Information

HCS-8538 ..... CongressMatrix Software

HCS-8539
Congress Service Management Software



Congress Service

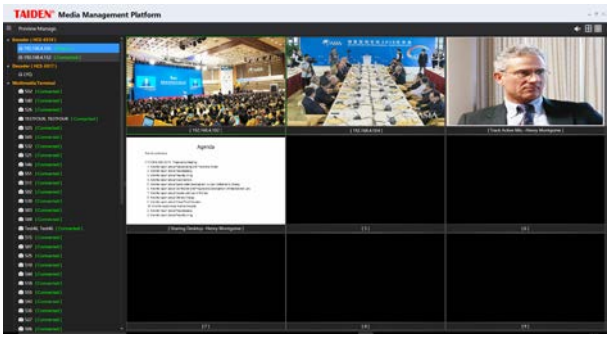
Functions

Paperless Multimedia Terminals and HCS-4890/4891 series congress units have a service request function. The participants can call for a service, the participant's name, seat and service type will be displayed on operator's monitor.

Ordering Information

HCS-8539 ..... Congress Service Management Software

HCS-8540
Video Service Software



Video Service

Functions

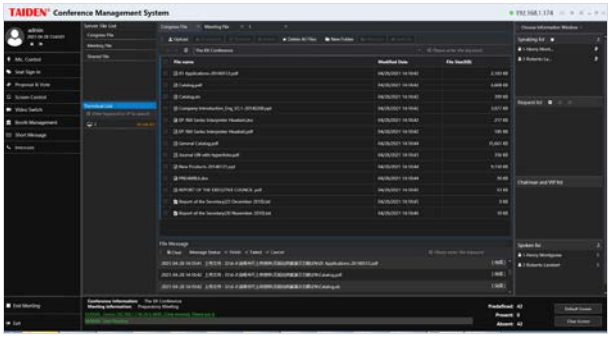
Cooperating with Paperless Multimedia Congress Terminal, video service software can realize video display, multiple channel VOD (up to 10 channels) and broadcasting, display the camera video of designated Congress Terminal, record conference audio automatically or manually, includes:

- Encoder:
  - Multiple channel video broadcasting: through video encoder and video server, various video sources (such as high-definition camera, cable TV, video, etc.) can be broadcasted in high-definition synchronously to all Congress Terminals
  - Multiple channel VOD (up to 10 channels)
  - Video display function:
    - The large hall screen video can be displayed on the Paperless Multimedia Congress Terminals through video encoder and video server
    - Advertising videos can be published on video server and watched on Paperless Multimedia Congress Terminals
- Camera: the camera video of designated Congress Terminal can be displayed on monitor; in video tracking mode, when the delegate turns on his/her microphone, the camera video of his/her Congress Terminal will be displayed on monitor automatically
- Desktop sharing: the operator can easily monitor and control desktop sharing.
- Recording control
  - Record management:
    - Add local recorder
    - Set up record audio quality
    - Configure recording channel
    - Auto record: begin/end automatic recording according to microphone on/off
    - Once microphone enabled, speaking delegate's voice is recorded in audio file (MP3 format)
    - Manual record: begin/end recording via start/stop button
  - Timeline management:
    - Add/delete/search marker for audio file
    - Increase/decrease start/end time for marker
    - Edit marker name, content, and upload file for marker
  - Playback management:
    - Search facilities, search audio record file needed to playback quickly (by conference ID, speaker, begin time, continuous time, etc.)
    - Playback all: recordings one by one
    - Recorded file playback, fast play, pause/stop, etc.
    - General file format saving: saved file playback by conventional media player
    - Delete any recorded file or all recorded files

Ordering Information

HCS-8540	Video Service Software

HCS-8541
File Management Software



File Management

Functions

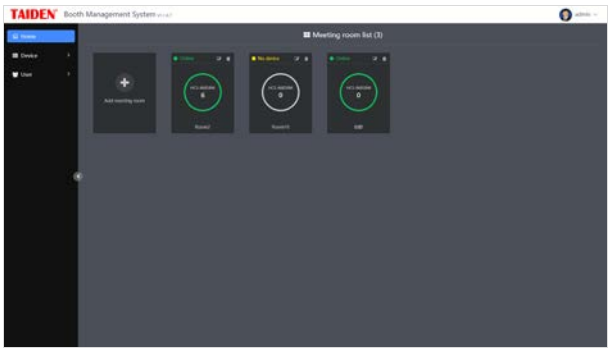
Cooperating with Paperless Multimedia Congress Terminal, the file management software can realize parameters setting, terminal management, message management and file management.

- Parameters setting: set up terminal parameters, function and authority
- Terminal management: including nameplate control and desktop sharing control
- Message management: two-way text communication with terminals
- File management: upload, download, delete files from file server to batch or single designated Congress Terminals, or upload, download files from Paperless Multimedia Congress Terminal

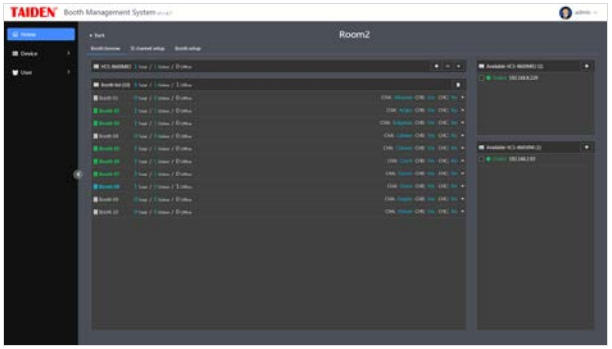
Ordering Information

HCS-8541 ..... File Management Software

HCS-8544S
Booth Management



Meeting room list



Booth borrow

Functions

Cooperating with the HCS-8600MIO series Audio Input & Output Device and the HCS-8685BM for booth management. Booth management Software can realize booth deployment, cable connections do not need to be changed, includes:

- Meeting room list: manage meeting rooms
- Booth borrow: add HCS-8600MIO to meeting room and distribute HCS-8600BM to interpreter booth;
- SI channel setup: setup SI channel or get channel information from main unit;
- Booth setup: setup booth or get booth information from main unit;
- Device management: manage devices of HCS-8600MIO and HCS-8685BM, and configure server information for the devices
- User: add user information, the TAIDEN Booth Management Software can be configured on the server in the conference center, and users can log in to the system through any computer that accesses the server to perform corresponding operations.

Ordering Information

HCS-8544S ..... Booth Management Software
(HCS-8600MIO and HCS-8685BM needed)

HCS-8546
PC Encoder Software

PC encoder

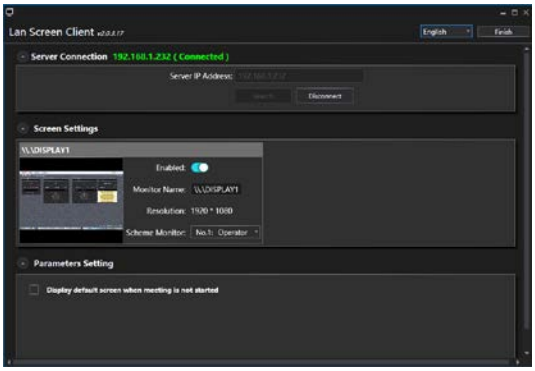
Functions

The computer installed with the PC Encoder Software will be virtualized as an AV encoder. After clicking "Start Server" to establish the connection between Media Management Platform and the computer, and then ,the contents (video, PPT, documents, etc.) displayed on the computer can be transmitted through the network.

Ordering Information

HCS-8546 ..... PC Encoder Software

HCS-8547
TAIDEN LAN Extension Screen Software



LAN extension screen

Functions

After installing this software, you can set the computer screen in the network as an extended screen without physical cable connection.

- Server Connection: input Server IP address (the computer installed Taiden CMP Service) or click “Search” button to broadcast Server IP address to connect;
- Screen Settings: enable/disable screen, modify monitor name, and select scheme monitor;
- Parameters Setting: display default screen or not when meeting is not started.

Ordering Information

HCS-8547 ..... LAN Extension Screen Software (set the computer screen in the network as an extension screen, suitable for local and remote conference)