

HCS-8318ACE/20 Paperless Multimedia Congress Terminal



Features

- Stylish and ergonomic design
- Electronic document distribution for paperless meetings
- Equipped with a 10" LCD touch panel (1024×600) and an integrated 3 megapixel camera
- Based on TAIDEN originated GMC-STREAM Gigabit Multimedia Congress Stream technology, all audio and video signals are transmitted via a Cat.6 Gigabit network cable. GMC-STREAM fully guarantees the real-time performance and stability of the important data stream of the meeting, such as audio, voting information, and control information
- Functions: conference control & management (speech, vote, simultaneous interpretation), sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD (up to 10 channels with 1024×600 resolution) and broadcasting, short message, call service, etc.
- Priority button
- "Closed Loop - Daisy Chain" connection topology
- Pluggable microphone
- Transmitting up to 64 CHs high quality digital audio signals
- Excellent immunity to RF interferences from mobile phones
- Supporting "PnP" (plug and play)
- Built-in contactless IC-Card reader
- Built-in fingerprint identification module

The stylish and ergonomically designed Paperless Multimedia Congress Terminal is equipped with a 10" high-resolution (1024×600) LCD touch panel and an integrated 3 megapixel camera. It realizes versatile functions, e.g. conference control & management (speech, vote, simultaneous interpretation), sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD (up to 10 channels with 1024×600 resolution) and broadcasting, short message, call service, etc.

Similar in appearance to Delegate Unit, the Chairman Unit includes a microphone priority button. When pressed, the priority button causes all currently active delegate microphones to be switched off temporarily or permanently, allowing the chairman to take control of the meeting.

Loudspeaker with superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to IEC 60914
- Globally unique innovative embedded system-based Paperless Multimedia Congress Terminal, based on TAIDEN independent intellectual property mMediaCongress™ platform, never subject to viral infection, hacker-proof, safe and reliable
- Based on TAIDEN originated GMC-STREAM Gigabit Multimedia Congress Stream technology, all audio and video signals are transmitted via a Cat.6 Gigabit network cable. GMC-STREAM fully guarantees the real-time performance and stability of the important data stream of the meeting, such as audio, voting information, and control information
- Equipped with a 10" LCD touch panel (1024×600) and an integrated 3 megapixel camera, to realize interactive functions
- Paperless multimedia functions and basic capabilities of discussion and voting are parallel operations ensuring the operational availability of discussion and voting even if the paperless multimedia functions have a software malfunction or a hang-up
- Two operating options, according to the requirements: a) with LCD touch panel and paperless multimedia functions, b) without, enabling just basic discussion and voting functions
- "Closed Loop - Daisy Chain" connection topology for a high operational system reliability: breakdown or replacement of a Congress Unit and connection failure of a cable will not influence other Congress Units in the system
- Supports 48 kHz audio sampling, 64 audio channels, each with a 30 Hz to 20 kHz frequency response for perfect sound quality
- Optional environment-friendly non-glaring nameplate. Fast display print-out with dedicated nameplate printing software
- Interactive conference control and management function:
 - ⊙ Microphone control: display of venue layout, speaking list, request-to-speak list, etc., corresponding microphone control functions for chairman unit

- ⌚ Voting management: sign-in, select proposal, multiform voting, voting result display and taking photo for voting, etc.
- ⌚ Simultaneous interpretation management: switch language channel by one touch and adjust earphone volume, etc.
- Paperless conference functions:
 - ⌚ Conference documents management: Download/upload files from/to file server with Paperless Multimedia Congress Terminal. Control of uploading, downloading or deleting of an individual or a batch of Paperless Multimedia Congress Terminals also by file server. Rights for conference documents management and for saving documents to archives
 - ⌚ Speech text guidance: speed, font size and font colors configurable by user
 - ⌚ Conference documents (.txt, .doc, .ppt, .xls, .pdf, etc.) reader and text file (.txt) editor with authorized software license, supports a variety of input methods
 - ⌚ Image file reader
 - ⌚ Meeting record: recording on electronic notebooks and saving the record of the meeting
 - ⌚ Desktop sharing : documents issued by this Congress Terminal can be displayed on large hall screens and other Congress Terminals to realize ad hoc reporting
 - ⌚ Delegate information and conference agenda display
 - ⌚ Take photo
 - ⌚ Delegate photo for attendance check and record facility on important conferences
- Ingenious video conversation function: video conversation between any two Paperless Multimedia Congress Terminals within the system, or realizing remote video conference through video server
- Multiform video service:
 - ⌚ 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 Paperless Multimedia Congress Terminals
 - ⌚ Multiple channel VOD (up to 10 channels with 1024×600 resolution)
 - ⌚ Video display function:
 - The large hall screen video can be displayed on the Congress Terminals through video encoder and video server
 - Advertising videos can be published on video server and watched on Paperless Multimedia Congress Terminals
 - Video file playback either from Paperless Multimedia Congress Terminal or from SD card
- Conference service:
 - ⌚ Short messages reader and editor
 - ⌚ Call service, call secretary
- Based on TAIDEN originated MCA-STREAM digital audio technology
- Gain and EQ (5 band) 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
- Automatic recovery facility, supporting "PnP" (plug and play)
- Mini-microphone, with foam windshield
- Stem microphone can be unplugged during adjournment, easy to maintain
- Built-in 2-way Hi-Fi loudspeaker, minimal feedback, mutes automatically when microphone is active
- Excellent immunity to RF interferences from mobile phones and comparable devices
- Supports up to 64 (1+63) CHs simultaneous interpretation
- Built-in channel selector, language channel selection by one touch (earphone needed, built-in loudspeaker mutes automatically when earphone is plugged in)
- Microphone On/Off button
- Built-in contactless IC-Card reader
- Built-in fingerprint identification module
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID allocation forever
- Facilities in stand-alone operation:
 - ⌚ Set the number of delegates permitted to speak at the same time
 - ⌚ Speak mode: OPEN/OVERRIDE/VOICE/APPLY/PTT
 - ☞ "OPEN" mode, microphone On/Off button with request-to-speak registration (AUTO)
 - ☞ "OVERRIDE" mode, microphone On/Off button control with override of the active microphones (FIFO)
 - ☞ "VOICE" mode, acoustic active sensitivity and automatic switch-off time adjustable continuously, built-in "flash-on" technology, immediate microphone activation on speaking
 - ☞ "APPLY" mode, delegate applies to speak by pressing microphone On/Off button, delegate only speaks when operator or chairman approved his application
 - ☞ "PTT" mode, press microphone On/Off button to talk
 - ⌚ Key press sign-in
 - ⌚ Voting function (Yes/No/Abstain)
 - ⌚ Simultaneous interpretation
- Multiform voting in combination with the corresponding software modules:
 - ⌚ 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)
- Automatic video tracking implementation when cooperating with cameras and video switcher unit; preset positions on PC

Maximum sound pressure level.....125 dB (THD<3%)

- Chairman unit: features all delegate functions, additionally:
 - ⌚ Activation at any time (if the number of active microphones in the system is less than 6)
 - ⌚ Priority button to switch off or to mute the speaking units according to preset (except VIP)
 - ⌚ Approves/denies delegate speaking request(s)
 - ⌚ Launches parliamentary voting (YES/NO/ABSTAIN) session without PC
 - ⌚ Controls voting start, suspend, re-start and stop
 - ⌚ Controls on-off switch for displaying voting results on delegate unit's LCD

Controls and Indicators

- Graphic 10" LCD touch panel for interactive functions
- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphones volume up and down
- Three voting buttons with indicators
- Microphone On/Off button
- Priority button

Interconnections

- Ø 3.5 mm stereo headphone jack with volume control
- Ø 3.5 mm socket for external microphone
- 6P mini DIN socket for external microphone, phantom power supply provided
- SD card slot for file upload or file backup
- Type A USB port for external mouse and keyboard
- Two Gigabit network ports for "daisy chain" connection
- One DC slot for connecting to 2-meter power branch cable (CBL4PT-02)

Technical Specifications

Electrical

Max. consumption.....10 W

LCD

Type.....True color TFT LCD
 Dimension.....10 inches, 16:9
 Resolution.....1024×600
 Display color.....2¹⁸ (18 bit)
 Contrast.....500:1

Headphone connection

Frequency response.....30 Hz to 20 kHz
 Earphone load impedance.....>16 Ohm
 Earphone output.....10 mW

Microphone

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46 dBV/Pa
 Frequency response.....50 Hz to 20 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....> 20 dB (1 kHz)
 Equivalent noise.....20 dBA (SPL)

Interface data

Connector.....Ø 3.5 mm socket for external microphone
6P mini DIN socket for external microphone
Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting.....Tabletop/Flush-mounting
 Dimensions (h × w × d) (w/o stem microphone)
145 × 336 × 109 mm
 Weight (incl. stem microphone).....1.8 kg
 Color.....Silver panel + black base
 Stem length.....330 mm (standard version),
 240 mm, 410 mm, 470 mm

Ordering Information

HCS-8318ACE/20.....Paperless Multimedia Congress Terminal (tabletop chairman unit, 10" 1024×600 LCD touch panel, camera with 3 megapixel, speech, voting, 64 CHs, sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD and broadcasting, short message, call service, built-in contactless IC-Card reader and fingerprint identification module, silver panel + black base)

HCS-8318ADE/20 Paperless Multimedia Congress Terminal



Features

- Stylish and ergonomic design
- Electronic document distribution for paperless meetings
- Equipped with a 10" LCD touch panel (1024×600) and an integrated 3 megapixel camera
- Based on TAIDEN originated GMC-STREAM Gigabit Multimedia Congress Stream technology, all audio and video signals are transmitted via a Cat.6 Gigabit network cable. GMC-STREAM fully guarantees the real-time performance and stability of the important data stream of the meeting, such as audio, voting information, and control information
- Functions: conference control & management (speech, vote, simultaneous interpretation), sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD (up to 10 channels with 1024×600 resolution) and broadcasting, short message, call service, etc.
- "Closed Loop - Daisy Chain" connection topology
- Pluggable microphone
- Transmitting up to 64 CHs high quality digital audio signals
- Excellent immunity to RF interferences from mobile phones
- Supporting "PnP" (plug and play)
- Built-in contactless IC-Card reader
- Built-in fingerprint identification module

The stylish and ergonomically designed Paperless Multimedia Congress Terminal is equipped with a 10" high-resolution (1024×600) LCD touch panel and an integrated 3 megapixel camera. It realizes versatile functions, e.g. conference control & management (speech, vote, simultaneous interpretation), sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD (up to 10 channels with 1024×600 resolution) and broadcasting, short message, call service, etc. Loudspeaker with superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to IEC 60914
- Globally unique innovative embedded system-based Paperless Multimedia Congress Terminal, based on TAIDEN independent intellectual property mMediaCongress™ platform, never subject to viral infection, hacker-proof, safe and reliable
- Based on TAIDEN originated GMC-STREAM Gigabit Multimedia Congress Stream technology, all audio and video signals are transmitted via a Cat.6 Gigabit network cable. GMC-STREAM fully guarantees the real-time performance and stability of the important data stream of the meeting, such as audio, voting information, and control information
- Equipped with a 10" LCD touch panel (1024×600) and an integrated 3 megapixel camera, to realize interactive functions
- Paperless multimedia functions and basic capabilities of discussion and voting are parallel operations ensuring the operational availability of discussion and voting even if the paperless multimedia functions have a software malfunction or a hang-up
- Two operating options, according to the requirements: a) with LCD touch panel and paperless multimedia functions, b) without, enabling just basic discussion and voting functions
- "Closed Loop - Daisy Chain" connection topology for a high operational system reliability: breakdown or replacement of a Congress Unit and connection failure of a cable will not influence other Congress Units in the system
- Supports 48 kHz audio sampling, 64 audio channels, each with a 30 Hz to 20 kHz frequency response for perfect sound quality
- Optional environment-friendly non-glaring nameplate. Fast display print-out with dedicated nameplate printing software
- Interactive conference control and management function:
 - ⌚ Microphone control: display of venue layout, speaking list, request-to-speak list, etc.
 - ⌚ Voting management: sign-in, select proposal, multiform voting, voting result display and taking photo for voting, etc.
 - ⌚ Simultaneous interpretation management: switch language channel by one touch and adjust earphone volume, etc.

- Paperless conference functions:
 - ⌚ Conference documents management: Download/upload files from/to file server with Paperless Multimedia Congress Terminal. Control of uploading, downloading or deleting of an individual or a batch of Paperless Multimedia Congress Terminals also by file server. Rights for conference documents management and for saving documents to archives
 - ⌚ Speech text guidance: speed, font size and font colors configurable by user
 - ⌚ Conference documents (.txt, .doc, .ppt, .xls, .pdf, etc.) reader and text file (.txt) editor with authorized software license, supports a variety of input methods
 - ⌚ Image file reader
 - ⌚ Meeting record: recording on electronic notebooks and saving the record of the meeting
 - ⌚ Desktop sharing : documents issued by this Congress Terminal can be displayed on large hall screens and other Congress Terminals to realize ad hoc reporting
 - ⌚ Delegate information and conference agenda display
 - ⌚ Take photo
 - ⌚ Delegate photo for attendance check and record facility on important conferences
- Ingenious video conversation function: video conversation between any two Paperless Multimedia Congress Terminals within the system, or realizing remote video conference through video server
- Multiform video service:
 - ⌚ 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 Paperless Multimedia Congress Terminals
 - ⌚ Multiple channel VOD (up to 10 channels with 1024×600 resolution)
 - ⌚ Video display function:
 - The large hall screen video can be displayed on the Congress Terminals through video encoder and video server
 - Advertising videos can be published on video server and watched on Paperless Multimedia Congress Terminals
 - Video file playback either from Paperless Multimedia Congress Terminal or from SD card
- Conference service:
 - ⌚ Short messages reader and editor
 - ⌚ Call service, call secretary
- Based on TAIDEN originated MCA-STREAM digital audio technology
- Gain and EQ (5 band) 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
- Automatic recovery facility, supporting "PnP" (plug and play)
- Mini-microphone, with foam windshield
- Stem microphone can be unplugged during adjournment, easy to maintain
- Built-in 2-way Hi-Fi loudspeaker, minimal feedback, mutes automatically when microphone is active
- Excellent immunity to RF interferences from mobile phones and comparable devices
- Supports up to 64 (1+63) CHs simultaneous interpretation
- Built-in channel selector, language channel selection by one touch (earphone needed, built-in loudspeaker mutes automatically when earphone is plugged in)
- Microphone On/Off button
- Built-in contactless IC-Card reader
- Built-in fingerprint identification module
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID allocation forever
- Facilities in stand-alone operation:
 - ⌚ Set the number of delegates permitted to speak at the same time
 - ⌚ Speak mode: OPEN/OVERRIDE/VOICE/APPLY/PTT
 - ☞ "OPEN" mode, microphone On/Off button with request-to-speak registration (AUTO)
 - ☞ "OVERRIDE" mode, microphone On/Off button control with override of the active microphones (FIFO)
 - ☞ "VOICE" mode, acoustic active sensitivity and automatic switch-off time adjustable continuously, built-in "flash-on" technology, immediate microphone activation on speaking
 - ☞ "APPLY" mode, delegate applies to speak by pressing microphone On/Off button, delegate only speaks when operator or chairman approved his application
 - ☞ "PTT" mode, press microphone On/Off button to talk
 - ⌚ Key press sign-in
 - ⌚ Voting function (Yes/No/Abstain)
 - ⌚ Simultaneous interpretation
- Multiform voting in combination with the corresponding software modules:
 - ⌚ 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)
- Automatic video tracking implementation when cooperating with cameras and video switcher unit; preset positions on PC
- Set any delegate unit to be VIP unit
 - ⌚ Up to 32 units can be set as VIP in one system via application software
 - ⌚ VIP unit can be activated as long as the total of active microphones is not beyond 6 (incl. chairman/delegate/VIP unit)

Controls and Indicators

- Graphic 10" LCD touch panel for interactive functions
- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphones volume up and down
- Three voting buttons with indicators
- Microphone On/Off button

Interconnections

- Ø 3.5 mm stereo headphone jack with volume control
- Ø 3.5 mm socket for external microphone
- 6P mini DIN socket for external microphone, phantom power supply provided
- SD card slot for file upload or file backup
- Type A USB port for external mouse and keyboard
- Two Gigabit network ports for "daisy chain" connection
- One DC slot for connecting to 2-meter power branch cable (CBL4PT-02)

Technical Specifications

Electrical

Max. consumption.....10 W

LCD

Type.....True color TFT LCD
 Dimension.....10 inches, 16:9
 Resolution.....1024×600
 Display color.....2¹⁸ (18 bit)
 Contrast.....500:1

Headphone connection

Frequency response.....30 Hz to 20 kHz
 Earphone load impedance.....>16 Ohm
 Earphone output.....10 mW

Microphone

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46 dBV/Pa
 Frequency response.....50 Hz to 20 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....> 20 dB (1 kHz)
 Equivalent noise.....20 dBA (SPL)
 Maximum sound pressure level.....125 dB (THD<3%)

Interface data

Connector.....Ø 3.5 mm socket for external microphone
6P mini DIN socket for external microphone
Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting.....Tabletop/Flush-mounting
 Dimensions (h × w × d) (w/o stem microphone)
145 × 336 × 109 mm
 Weight (incl. stem microphone).....1.8 kg
 Color.....Silver panel + black base
 Stem length.....330 mm (standard version),

Ordering Information

HCS-8318ADE/20.....Paperless Multimedia Congress Terminal (tabletop delegate unit, 10" 1024×600 LCD touch panel, camera with 3 megapixel, speech, voting, 64 CHs, sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD and broadcasting, short message, call service, built-in contactless IC-Card reader and fingerprint identification module, silver panel + black base)

HCS-8318BCE/20 Paperless Multimedia Congress Terminal



Features

- Stylish and ergonomic design
- Electronic document distribution for paperless meetings
- Equipped with a 10" LCD touch panel (1024×600) and an integrated 3 megapixel camera
- Based on TAIDEN originated GMC-STREAM Gigabit Multimedia Congress Stream technology, all audio and video signals are transmitted via a Cat.6 Gigabit network cable. GMC-STREAM fully guarantees the real-time performance and stability of the important data stream of the meeting, such as audio, voting information, and control information
- Functions: conference control & management (speech, vote, simultaneous interpretation), sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD (up to 10 channels with 1024×600 resolution) and broadcasting, short message, call service, etc.
- Priority button
- “Closed Loop - Daisy Chain” connection topology
- Pluggable microphone
- Transmitting up to 64 CHs high quality digital audio signals
- Excellent immunity to RF interferences from mobile phones
- Supporting “PnP” (plug and play)
- Built-in contactless IC-Card reader

The stylish and ergonomically designed Paperless Multimedia Congress Terminal is equipped with a 10" high-resolution (1024×600) LCD touch panel and an integrated 3 megapixel camera. It realizes versatile functions, e.g. conference control & management (speech, vote, simultaneous interpretation), sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD (up to 10 channels with 1024×600 resolution) and broadcasting, short message, call service, etc.

Similar in appearance to Delegate Unit, the Chairman Unit includes a microphone priority button. When pressed, the priority button causes all currently active delegate microphones to be switched off temporarily or permanently, allowing the chairman to take control of the meeting.

Loudspeaker with superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to IEC 60914
- Globally unique innovative embedded system-based Paperless Multimedia Congress Terminal, based on TAIDEN independent intellectual property mMediaCongress™ platform, never subject to viral infection, hacker-proof, safe and reliable
- Based on TAIDEN originated GMC-STREAM Gigabit Multimedia Congress Stream technology, all audio and video signals are transmitted via a Cat.6 Gigabit network cable. GMC-STREAM fully guarantees the real-time performance and stability of the important data stream of the meeting, such as audio, voting information, and control information
- Equipped with a 10" LCD touch panel (1024×600) and an integrated 3 megapixel camera, to realize interactive functions
- Paperless multimedia functions and basic capabilities of discussion and voting are parallel operations ensuring the operational availability of discussion and voting even if the paperless multimedia functions have a software malfunction or a hang-up
- Two operating options, according to the requirements: a) with LCD touch panel and paperless multimedia functions, b) without, enabling just basic discussion and voting functions
- “Closed Loop - Daisy Chain” connection topology for a high operational system reliability: breakdown or replacement of a Congress Unit and connection failure of a cable will not influence other Congress Units in the system
- Supports 48 kHz audio sampling, 64 audio channels, each with a 30 Hz to 20 kHz frequency response for perfect sound quality
- Optional environment-friendly non-glaring nameplate. Fast display print-out with dedicated nameplate printing software
- Interactive conference control and management function:
 - ⌚ Microphone control: display of venue layout, speaking list, request-to-speak list, etc., corresponding microphone control functions for chairman unit
 - ⌚ Voting management: sign-in, select proposal, multiform voting, voting result display and taking photo for voting, etc.

- ⌚ Simultaneous interpretation management: switch language channel by one touch and adjust earphone volume, etc.
- Paperless conference functions:
 - ⌚ Conference documents management: Download/upload files from/to file server with Paperless Multimedia Congress Terminal. Control of uploading, downloading or deleting of an individual or a batch of Paperless Multimedia Congress Terminals also by file server. Rights for conference documents management and for saving documents to archives
 - ⌚ Speech text guidance: speed, font size and font colors configurable by user
 - ⌚ Conference documents (.txt, .doc, .ppt, .xls, .pdf, etc.) reader and text file (.txt) editor with authorized software license, supports a variety of input methods
 - ⌚ Image file reader
 - ⌚ Meeting record: recording on electronic notebooks and saving the record of the meeting
 - ⌚ Desktop sharing : documents issued by this Congress Terminal can be displayed on large hall screens and other Congress Terminals to realize ad hoc reporting
 - ⌚ Delegate information and conference agenda display
 - ⌚ Take photo
 - ⌚ Delegate photo for attendance check and record facility on important conferences
- Ingenious video conversation function: video conversation between any two Paperless Multimedia Congress Terminals within the system, or realizing remote video conference through video server
- Multiform video service:
 - ⌚ 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 Paperless Multimedia Congress Terminals
 - ⌚ Multiple channel VOD (up to 10 channels with 1024×600 resolution)
 - ⌚ Video display function:
 - The large hall screen video can be displayed on the Congress Terminals through video encoder and video server
 - Advertising videos can be published on video server and watched on Paperless Multimedia Congress Terminals
 - Video file playback either from Paperless Multimedia Congress Terminal or from SD card
- Conference service:
 - ⌚ Short messages reader and editor
 - ⌚ Call service, call secretary
- Based on TAIDEN originated MCA-STREAM digital audio technology
- Gain and EQ (5 band) 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
- Automatic recovery facility, supporting "PnP" (plug and play)
- Mini-microphone, with foam windshield
- Stem microphone can be unplugged during adjournment, easy to maintain
- Built-in 2-way Hi-Fi loudspeaker, minimal feedback, mutes automatically when microphone is active
- Excellent immunity to RF interferences from mobile phones and comparable devices
- Supports up to 64 (1+63) CHs simultaneous interpretation
- Built-in channel selector, language channel selection by one touch (earphone needed, built-in loudspeaker mutes automatically when earphone is plugged in)
- Microphone On/Off button
- Built-in contactless IC-Card reader
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID allocation forever
- Facilities in stand-alone operation:
 - ⌚ Set the number of delegates permitted to speak at the same time
 - ⌚ Speak mode: OPEN/OVERRIDE/VOICE/APPLY/PTT
 - ⌚ "OPEN" mode, microphone On/Off button with request-to-speak registration (AUTO)
 - ⌚ "OVERRIDE" mode, microphone On/Off button control with override of the active microphones (FIFO)
 - ⌚ "VOICE" mode, acoustic active sensitivity and automatic switch-off time adjustable continuously, built-in "flash-on" technology, immediate microphone activation on speaking
 - ⌚ "APPLY" mode, delegate applies to speak by pressing microphone On/Off button, delegate only speaks when operator or chairman approved his application
 - ⌚ "PTT" mode, press microphone On/Off button to talk
 - ⌚ Key press sign-in
 - ⌚ Voting function (Yes/No/Abstain)
 - ⌚ Simultaneous interpretation
- Multiform voting in combination with the corresponding software modules:
 - ⌚ 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)
- Automatic video tracking implementation when cooperating with cameras and video switcher unit; preset positions on PC
- Chairman unit: features all delegate functions, additionally:
 - ⌚ Activation at any time (if the number of active microphones in the system is less than 6)
 - ⌚ Priority button to switch off or to mute the speaking units according to preset (except VIP)
 - ⌚ Approves/denies delegate speaking request(s)
 - ⌚ Launches parliamentary voting (YES/NO/ABSTAIN) session without PC
 - ⌚ Controls voting start, suspend, re-start and stop
 - ⌚ Controls on-off switch for displaying voting results on delegate unit's LCD

Controls and Indicators

- Graphic 10" LCD touch panel for interactive functions
- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphones volume up and down
- Three voting buttons with indicators
- Microphone On/Off button
- Priority button

Interconnections

- Ø 3.5 mm stereo headphone jack with volume control
- Ø 3.5 mm socket for external microphone
- 6P mini DIN socket for external microphone, phantom power supply provided
- SD card slot for file upload or file backup
- Type A USB port for external mouse and keyboard
- Two Gigabit network ports for "daisy chain" connection
- One DC slot for connecting to 2-meter power branch cable (CBL4PT-02)

Technical Specifications

Electrical

Max. consumption.....10 W

LCD

Type.....True color TFT LCD
 Dimension.....10 inches, 16:9
 Resolution.....1024×600
 Display color.....2¹⁸ (18 bit)
 Contrast.....500:1

Headphone connection

Frequency response.....30 Hz to 20 kHz
 Earphone load impedance.....>16 Ohm
 Earphone output.....10 mW

Microphone

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46 dBV/Pa
 Frequency response.....50 Hz to 20 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....> 20 dB (1 kHz)
 Equivalent noise.....20 dBA (SPL)
 Maximum sound pressure level.....125 dB (THD<3%)

Interface data

Connector.....Ø 3.5 mm socket for external microphone
6P mini DIN socket for external microphone
Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting.....Tabletop/Flush-mounting
 Dimensions (h × w × d) (w/o stem microphone)
145 × 336 × 109 mm
 Weight (incl. stem microphone).....1.8 kg
 Color.....Silver panel + black base
 Stem length.....330 mm (standard version),
 240 mm, 410 mm, 470 mm

Ordering Information

HCS-8318BCE/20.....Paperless Multimedia Congress Terminal (tabletop chairman unit, 10" 1024×600 LCD touch panel, camera with 3 megapixel, speech, voting, 64 CHs, sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD and broadcasting, short message, call service, built-in contactless IC-Card reader, silver panel + black base)

HCS-8318BDE/20 Paperless Multimedia Congress Terminal



Features

- Stylish and ergonomic design
- Electronic document distribution for paperless meetings
- Equipped with a 10" LCD touch panel (1024×600) and an integrated 3 megapixel camera
- Based on TAIDEN originated GMC-STREAM Gigabit Multimedia Congress Stream technology, all audio and video signals are transmitted via a Cat.6 Gigabit network cable. GMC-STREAM fully guarantees the real-time performance and stability of the important data stream of the meeting, such as audio, voting information, and control information
- Functions: conference control & management (speech, vote, simultaneous interpretation), sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD (up to 10 channels with 1024×600 resolution) and broadcasting, short message, call service, etc.
- "Closed Loop - Daisy Chain" connection topology
- Pluggable microphone
- Transmitting up to 64 CHs high quality digital audio signals
- Excellent immunity to RF interferences from mobile phones
- Supporting "PnP" (plug and play)
- Built-in contactless IC-Card reader

The stylish and ergonomically designed Paperless Multimedia Congress Terminal is equipped with a 10" high-resolution (1024×600) LCD touch panel and an integrated 3 megapixel camera. It realizes versatile functions, e.g. conference control & management (speech, vote, simultaneous interpretation), sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD (up to 10 channels with 1024×600 resolution) and broadcasting, short message, call service, etc. Loudspeaker with superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to IEC 60914
- Globally unique innovative embedded system-based Paperless Multimedia Congress Terminal, based on TAIDEN independent intellectual property mMediaCongress™ platform, never subject to viral infection, hacker-proof, safe and reliable
- Based on TAIDEN originated GMC-STREAM Gigabit Multimedia Congress Stream technology, all audio and video signals are transmitted via a Cat.6 Gigabit network cable. GMC-STREAM fully guarantees the real-time performance and stability of the important data stream of the meeting, such as audio, voting information, and control information
- Equipped with a 10" LCD touch panel (1024×600) and an integrated 3 megapixel camera, to realize interactive functions
- Paperless multimedia functions and basic capabilities of discussion and voting are parallel operations ensuring the operational availability of discussion and voting even if the paperless multimedia functions have a software malfunction or a hang-up
- Two operating options, according to the requirements: a) with LCD touch panel and paperless multimedia functions, b) without, enabling just basic discussion and voting functions
- "Closed Loop - Daisy Chain" connection topology for a high operational system reliability: breakdown or replacement of a Congress Unit and connection failure of a cable will not influence other Congress Units in the system
- Supports 48 kHz audio sampling, 64 audio channels, each with a 30 Hz to 20 kHz frequency response for perfect sound quality
- Optional environment-friendly non-glaring nameplate. Fast display print-out with dedicated nameplate printing software
- Interactive conference control and management function:
 - ⌚ Microphone control: display of venue layout, speaking list, request-to-speak list, etc.
 - ⌚ Voting management: sign-in, select proposal, multiform voting, voting result display and taking photo for voting, etc.
 - ⌚ Simultaneous interpretation management: switch language channel by one touch and adjust earphone volume, etc.

- Paperless conference functions:
 - ⌚ Conference documents management: Download/upload files from/to file server with Paperless Multimedia Congress Terminal. Control of uploading, downloading or deleting of an individual or a batch of Paperless Multimedia Congress Terminals also by file server. Rights for conference documents management and for saving documents to archives
 - ⌚ Speech text guidance: speed, font size and font colors configurable by user
 - ⌚ Conference documents (.txt, .doc, .ppt, .xls, .pdf, etc.) reader and text file (.txt) editor with authorized software license, supports a variety of input methods
 - ⌚ Image file reader
 - ⌚ Meeting record: recording on electronic notebooks and saving the record of the meeting
 - ⌚ Desktop sharing : documents issued by this Congress Terminal can be displayed on large hall screens and other Congress Terminals to realize ad hoc reporting
 - ⌚ Delegate information and conference agenda display
 - ⌚ Take photo
 - ⌚ Delegate photo for attendance check and record facility on important conferences
- Ingenious video conversation function: video conversation between any two Paperless Multimedia Congress Terminals within the system, or realizing remote video conference through video server
- Multiform video service:
 - ⌚ 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 Paperless Multimedia Congress Terminals
 - ⌚ Multiple channel VOD (up to 10 channels with 1024×600 resolution)
 - ⌚ Video display function:
 - The large hall screen video can be displayed on the Congress Terminals through video encoder and video server
 - Advertising videos can be published on video server and watched on Paperless Multimedia Congress Terminals
 - Video file playback either from Paperless Multimedia Congress Terminal or from SD card
- Conference service:
 - ⌚ Short messages reader and editor
 - ⌚ Call service, call secretary
- Based on TAIDEN originated MCA-STREAM digital audio technology
- Gain and EQ (5 band) 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
- Automatic recovery facility, supporting "PnP" (plug and play)
- Mini-microphone, with foam windshield
- Stem microphone can be unplugged during adjournment, easy to maintain
- Built-in 2-way Hi-Fi loudspeaker, minimal feedback, mutes automatically when microphone is active
- Excellent immunity to RF interferences from mobile phones and comparable devices
- Supports up to 64 (1+63) CHs simultaneous interpretation
- Built-in channel selector, language channel selection by one touch (earphone needed, built-in loudspeaker mutes automatically when earphone is plugged in)
- Microphone On/Off button
- Built-in contactless IC-Card reader
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID allocation forever
- Facilities in stand-alone operation:
 - ⌚ Set the number of delegates permitted to speak at the same time
 - ⌚ Speak mode: OPEN/OVERRIDE/VOICE/APPLY/PTT
 - ☞ "OPEN" mode, microphone On/Off button with request-to-speak registration (AUTO)
 - ☞ "OVERRIDE" mode, microphone On/Off button control with override of the active microphones (FIFO)
 - ☞ "VOICE" mode, acoustic active sensitivity and automatic switch-off time adjustable continuously, built-in "flash-on" technology, immediate microphone activation on speaking
 - ☞ "APPLY" mode, delegate applies to speak by pressing microphone On/Off button, delegate only speaks when operator or chairman approved his application
 - ☞ "PTT" mode, press microphone On/Off button to talk
 - ⌚ Key press sign-in
 - ⌚ Voting function (Yes/No/Abstain)
 - ⌚ Simultaneous interpretation
- Multiform voting in combination with the corresponding software modules:
 - ⌚ 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)
- Automatic video tracking implementation when cooperating with cameras and video switcher unit; preset positions on PC
- Set any delegate unit to be VIP unit
 - ⌚ Up to 32 units can be set as VIP in one system via application software
 - ⌚ VIP unit can be activated as long as the total of active microphones is not beyond 6 (incl. chairman/delegate/VIP unit)

Controls and Indicators

- Graphic 10" LCD touch panel for interactive functions
- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphones volume up and down
- Three voting buttons with indicators

- Microphone On/Off button

Interconnections

- Ø 3.5 mm stereo headphone jack with volume control
- Ø 3.5 mm socket for external microphone
- 6P mini DIN socket for external microphone, phantom power supply provided
- SD card slot for file upload or file backup
- Type A USB port for external mouse and keyboard
- Two Gigabit network ports for “daisy chain” connection
- One DC slot for connecting to 2-meter power branch cable (CBL4PT-02)

Technical Specifications

Electrical

Max. consumption..... 10 W

LCD

Type..... True color TFT LCD
 Dimension..... 10 inches, 16:9
 Resolution..... 1024×600
 Display color..... 2¹⁸ (18 bit)
 Contrast..... 500:1

Headphone connection

Frequency response..... 30 Hz to 20 kHz
 Earphone load impedance..... >16 Ohm
 Earphone output..... 10 mW

Microphone

Transducer..... Electret-condenser
 Polar pattern..... Uni-directional
 Operating voltage..... 5 VDC
 Sensitivity..... -46 dBV/Pa
 Frequency response..... 50 Hz to 20 kHz
 Input impedance..... 2 kOhm
 Directivity 0°/180°..... > 20 dB (1 kHz)
 Equivalent noise..... 20 dBA (SPL)
 Maximum sound pressure level..... 125 dB (THD<3%)

Interface data

Connector..... Ø 3.5 mm socket for external microphone
 6P mini DIN socket for external microphone
 Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting..... Tabletop/Flush-mounting
 Dimensions (h × w × d) (w/o stem microphone)
 145 × 336 × 109 mm
 Weight (incl. stem microphone)..... 1.8 kg
 Color..... Silver panel + black base
 Stem length..... 330 mm (standard version),
 240 mm, 410 mm, 470 mm

Ordering Information

HCS-8318BDE/20..... Paperless Multimedia Congress Terminal (tabletop delegate unit, 10" 1024×600 LCD touch panel, camera with 3 megapixel, speech, voting, 64 CHs, sign-in, conference documents management, speech text guidance, conference documents reader, meeting record, desktop sharing, delegate information and conference agenda display, take photo, video conversation, video display, multiple channel VOD and broadcasting, short message, call service, built-in contactless IC-Card reader, silver panel + black base)

HCS-8318CD/20 Paperless Multimedia Congress Terminal



Features

- Stylish and ergonomic design
 - Electronic document distribution for paperless meetings
 - Equipped with a 10" LCD touch panel (1024×600)
 - Based on TAIDEN originated GMC-STREAM Gigabit Multimedia Congress Stream technology, all audio and video signals are transmitted via a Cat.6 Gigabit network cable. GMC-STREAM fully guarantees the real-time performance and stability of the important data stream of the meeting, such as audio, voting information, and control information
 - Functions: conference control & management (speech, vote, simultaneous interpretation), sign-in, conference documents management, speech text guidance, delegate information and conference agenda display, take photo, video display, short message, call service, etc.
 - “Closed Loop - Daisy Chain” connection topology
 - Pluggable microphone
 - Transmitting up to 64 CHs high quality digital audio signals
 - Excellent immunity to RF interferences from mobile phones
 - Supporting “PnP” (plug and play)
-
- The stylish and ergonomically designed Paperless Multimedia Congress Terminal is equipped with a 10" high-resolution (1024×600) LCD touch panel. It realizes versatile functions, e.g. conference control & management (speech, vote, simultaneous interpretation), sign-in, delegate information and conference agenda display, video display, short message, call service, etc. Loudspeaker with superior acoustics with minimal feedback for enhanced intelligibility.
-
- ### Functions
- Compliant to IEC 60914
- Globally unique innovative embedded system-based Paperless Multimedia Congress Terminal, based on TAIDEN independent intellectual property mMediaCongress™ platform, never subject to viral infection, hacker-proof, safe and reliable
 - Based on TAIDEN originated GMC-STREAM Gigabit Multimedia Congress Stream technology, all audio and video signals are transmitted via a Cat.6 Gigabit network cable. GMC-STREAM fully guarantees the real-time performance and stability of the important data stream of the meeting, such as audio, voting information, and control information
 - Equipped with a 10" LCD touch panel (1024×600)
 - Paperless multimedia functions and basic capabilities of discussion and voting are parallel operations ensuring the operational availability of discussion and voting even if the paperless multimedia functions have a software malfunction or a hang-up
 - Two operating options, according to the requirements: a) with LCD touch panel and paperless multimedia functions, b) without, enabling just basic discussion and voting functions
 - “Closed Loop - Daisy Chain” connection topology for a high operational system reliability: breakdown or replacement of a Congress Unit and connection failure of a cable will not influence other Congress Units in the system
 - Supports 48 kHz audio sampling, 64 audio channels, each with a 30 Hz to 20 kHz frequency response for perfect sound quality
 - Optional environment-friendly non-glaring nameplate. Fast display print-out with dedicated nameplate printing software
 - Interactive conference control and management function:
 - ⌚ Microphone control: display of venue layout, speaking list, request-to-speak list, etc.
 - ⌚ Voting management: sign-in, select proposal, multiform voting and voting result display, etc.
 - ⌚ Simultaneous interpretation management: switch language channel by one touch and adjust earphone volume, etc.
 - Paperless conference functions: delegate information and conference agenda display
 - Video display function:
 - ⌚ The large hall screen video can be displayed on the Congress Terminals through video encoder and video server
 - ⌚ Advertising videos can be published on video server and watched on Paperless Multimedia Congress Terminals
 - Conference service:
 - ⌚ Short messages reader
 - ⌚ Call service, call secretary
 - Based on TAIDEN originated MCA-STREAM digital audio technology
 - Gain and EQ (5 band) 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
 - Automatic recovery facility, supporting “PnP” (plug and play)
 - Mini-microphone, with foam windshield
 - Stem microphone can be unplugged during adjournment, easy to maintain
 - Built-in 2-way Hi-Fi loudspeaker, minimal feedback, mutes automatically when microphone is active

- Excellent immunity to RF interferences from mobile phones and comparable devices
- Supports up to 64 (1+63) CHs simultaneous interpretation
- Built-in channel selector, language channel selection by one touch (earphone needed, built-in loudspeaker mutes automatically when earphone is plugged in)
- Microphone On/Off button
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID allocation forever
- Facilities in stand-alone operation:
 - ⌚ Set the number of delegates permitted to speak at the same time
 - ⌚ Speak mode: OPEN/OVERRIDE/VOICE/APPLY/PTT
 - ☞ "OPEN" mode, microphone On/Off button with request-to-speak registration (AUTO)
 - ☞ "OVERRIDE" mode, microphone On/Off button control with override of the active microphones (FIFO)
 - ☞ "VOICE" mode, acoustic active sensitivity and automatic switch-off time adjustable continuously, built-in "flash-on" technology, immediate microphone activation on speaking
 - ☞ "APPLY" mode, delegate applies to speak by pressing microphone On/Off button, delegate only speaks when operator or chairman approved his application
 - ☞ "PTT" mode, press microphone On/Off button to talk
 - ⌚ Key press sign-in
 - ⌚ Voting function (Yes/No/Abstain)
 - ⌚ Simultaneous interpretation
- Multiform voting in combination with the corresponding software modules:
 - ⌚ 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)
- Automatic video tracking implementation when cooperating with cameras and video switcher unit; preset positions on PC
- Set any delegate unit to be VIP unit
 - ⌚ Up to 32 units can be set as VIP in one system via application software
 - ⌚ VIP unit can be activated as long as the total of active microphones is not beyond 6 (incl. chairman/delegate/VIP unit)

Controls and Indicators

- Graphic 10" LCD touch panel for interactive functions
- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphones volume up and down
- Three voting buttons with indicators
- Microphone On/Off button with indicator

Interconnections

- Ø 3.5 mm stereo headphone jack with volume control
- Ø 3.5 mm socket for external microphone
- 6P mini DIN socket for external microphone, phantom power supply provided
- SD card slot for file upload or file backup
- Type A USB port for external mouse and keyboard
- Two Gigabit network ports for "daisy chain" connection
- One DC slot for connecting to 2-meter power branch cable (CBL4PT-02)

Technical Specifications

Electrical

Max. consumption..... 10 W

LCD

Type..... True color TFT LCD
 Dimension..... 10 inches, 16:9
 Resolution..... 1024×600
 Display color..... 2¹⁸ (18 bit)
 Contrast..... 500:1

Headphone connection

Frequency response..... 30 Hz to 20 kHz
 Earphone load impedance..... >16 Ohm
 Earphone output..... 10 mW

Microphone

Transducer..... Electret-condenser
 Polar pattern..... Uni-directional
 Operating voltage..... 5 VDC
 Sensitivity..... -46 dBV/Pa
 Frequency response..... 50 Hz to 20 kHz
 Input impedance..... 2 kOhm
 Directivity 0°/180°..... > 20 dB (1 kHz)
 Equivalent noise..... 20 dBA (SPL)
 Maximum sound pressure level..... 125 dB (THD<3%)

Interface data

Connector..... Ø 3.5 mm socket for external microphone
 6P mini DIN socket for external microphone
 Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting..... Tabletop/Flush-mounting
 Dimensions (h × w × d) (w/o stem microphone)..... 145 × 336 × 109 mm
 Weight (incl. stem microphone)..... 1.8 kg
 Color..... Silver panel + black base
 Stem length..... 330 mm (standard version),
 240 mm, 410 mm, 470 mm

Ordering Information

HCS-8318CD/20..... Paperless Multimedia Congress Terminal (tabletop delegate unit, 10" 1024×600 LCD touch panel, speech, voting, 64 CHs, sign-in, delegate information and conference agenda display, video display, short message, call service, silver panel +

black base)

HCS-8318N/20 Environment-friendly Nameplate



Features

- A non-glaring nameplate can be realized quickly and easily by using HCS-8318/20 and HCS-8328 series Paperless Multimedia Congress Terminal and the dedicated nameplate printing software

Technical Specifications

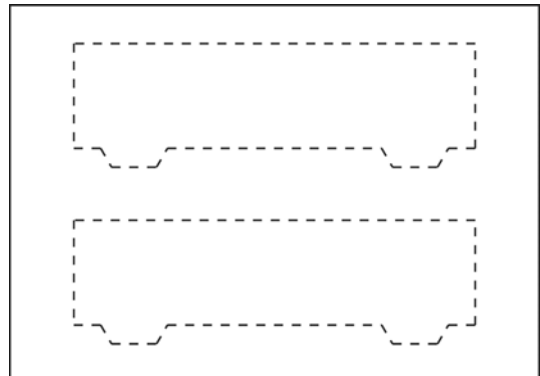
Mechanical

Mounting.....	Tabletop
Dimensions (h × w × d).....	116 × 324 × 85 mm
Weight.....	0.5 kg
Color.....	Black

Ordering Information

HCS-8318N/20.....	Environment-friendly Nameplate (for HCS-8318/20 and HCS-8328 series Paperless Multimedia Congress Terminal, black)
-------------------	--

HCS-8318P/20 Special Paper for Nameplate



Features

- For HCS-8318/20 and HCS-8328 series Paperless Multimedia Congress Terminal
- Perforated, easily detachable after printing
- Printable by normal printer
- Special nameplate printing software available – easy to use. Automatic generation of the nameplate files once the session database completed. Nameplates ready for use immediately after printing

Technical Specifications

Mechanical

Paper size.....	A3
Color.....	White

Ordering Information

HCS-8318P/20.....	Special Paper for Nameplate (for HCS-8318N/20, 100 pages A3/pack, two nameplates for HCS-8318/20 and HCS-8328/one A3 page)
-------------------	--