

Widely used in governments, enterprises, and education filed

# Paperless Multimedia Conference System

Flexible reservation, conference guidance and assistance, and summary



Reservation



Sign-in



Agenda



Voting



Services



Preservation



# Core Features



## HD LCD touch screen

An 11.6" LCD touch screen (1920×1080, 16:9) provides a better user experience for document viewing. The capacitive multi-touch screen improves the user experience.

## Modular design

The modular design supports hardware expansion at any time according to requirements, including the optical module of the gooseneck mic, voting module, IC card module, speaker module, and other customizable modules.

## Voting and interpretation

Voting by 3 or 5 buttons is supported, and the voting type is customizable. The terminal supports interpretation and is equipped with a 63+1 channel selector that displays language and channel options (you need to connect the headphones before selecting the channel).



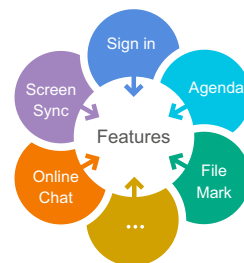
## Transmission via CAT5e cables

Use standard CAT5e cables for transmission. Standard connectors facilitate wiring, installation, and maintenance. The USB port can be connected to a mouse, keyboard, and other devices, or used for firmware updates. The terminal can be connected to VISONIC series electronic nameplates.



## Hi-Fi audio

Independent adjustment of individual mic sensitivity and 8-band equalizer EQ is supported.



## Paperless conference

It provides functions including sign-in, agenda, and agenda operation. For one-screen display, users can create a whiteboard for drawing and discussion. Speaking list (listed speaking time, delegates can be controlled by the chairperson). The system allows for signal access and display of multiple cameras, distributed system, matrix, and other streaming media. The internal peer-to-peer information, service application, system settings, and other functional modules.



# Main Features

## Basic functions

- 11.6" LCD touch screen (1920×1080, 16:9) provides a better user experience for document viewing. The capacitive multi-touch screen improves the user experience.
- The interface is optimized according to usage scenarios. With a simple layout and wizard-style menus, the terminal is easy-to-use.
- The modular design supports hardware expansion at any time according to requirements, including the optical module of the gooseneck mic, voting module, IC card module, speaker module, and other customizable modules.
- Use standard CAT5e cables for transmission. The RJ45 connectors facilitate wiring, installation, and maintenance.
- The aluminum alloy structure adopts a special frosting process, making the terminal elegant and attractive.
- The VSCON-Giga protocol with the leading gigabit network technology is adopted. All AV control signals are transmitted through a CAT5 cable. With data isolation technology, the protocol ensures efficient, secure transmission of AV data during conferences without mutual interference.
- Gooseneck mics of different lengths can be flexibly selected according to site needs.
- Voting by 3 or 5 buttons is supported, and the voting type is customizable. The terminal supports interpretation and is equipped with a 63+1 channel selector that displays language and channel options (you need to connect the headphones before selecting the channel).
- Optional software supports RFID identification, sign-in, discussion, and voting.
- Built-in Hi-Fi speaker.
- The terminal is designed with dual headphone interfaces, and the volume is adjustable.
- The AUDIO-LINKTM digital loop network technology achieves full-digital signal transmission and processing, as well as protection against RF interference from cell phones and other devices.
- A daisy-chain topology makes the system more reliable.
- Independent adjustment of individual mic sensitivity and 8-band equalizer EQ is supported.
- The clock and date functions are available, displaying the speaking time and countdown to speak.
- The USB port can be connected to a mouse, keyboard, and other devices, or used for firmware updates. The terminal can be connected to VISSONIC series electronic nameplates.
- With the camera and camera tracking controller, multiple cameras can be connected to show live videos of active speakers.
- Delegate units can be set as VIP units through software. Up to 32 VIP delegate units can be set when no more than 8 mics are enabled. VIP means that the unit can be freely enabled.
- It provides functions including sign-in, agenda, and agenda operation. For one-screen display, users can create a whiteboard for drawing and discussion. Speaking list (listed speaking time, delegates can be controlled by the chairperson). The system allows for signal access and display of multiple cameras, distributed system, matrix, and other streaming media. The internal peer-to-peer information, service application, system settings, and other functional modules.



VIS-PMU-T/VIS-PMU-F  
Desktop/Embedded 11.6" paperless conference terminal

## Conference functions

- Users can appoint the chairperson or delegate according to the conference management needs.
- Speaking: Users can view information about the active speaker and the list of participants waiting to speak, and manage the speaking and request functions.
- Voting: Users can view all the proposals to be decided by vote, browse completed/ongoing/unvoted voting projects, participate in voting, and view the results.
- Interpretation: Users can switch language channels, and the volume is adjustable.

## Multimedia conference functions

- Conference agenda guidance --- Participants can quickly know the agenda.
- Conference material links --- Participants can view the documents and voting information involved in the current conference.
- Conference topic list --- Participants can browse and play topic-related documents and videos. Files in the format of DOC, PPT, EXCEL, TXT, PDF, JPG, and PNG are supported.
- Speaker video tracking --- The big screen and all seats can display images of multiple speakers in real time.
- Screen synchronization --- The content displayed in individual terminals can be synchronized to all on-site conference terminals and the big screen.
- USB file import --- Files can be imported to a server or shared.
- Conference minutes --- Information that needs to be noted for the current conference can be recorded and saved.
- Internal communication --- Any participant can be selected for online text/voice communication.
- Conference service --- The refreshment service and on-site technical support are available.

# Specifications

Parameter		VIS-PMU-T/VIS-PMU-F	
Screen size	11.6", 16:9		
Resolution	1920x1080		
Color	16.7M, 8-bit		
Contrast ratio	1000:1		
Output frequency response	30-20000 Hz		
Maximum power consumption	14 W		
Earphone load	> 16Ω		
Earphone volume	13 mW		
Earphone output connector	2×Ø 3.5 mm stereo jack		
Connection method	1000M RJ45 network port		
Power supply	POE power supply or 48VDC adapter		
Installation	Desktop (VIS-PMU-T)/Embedded (VIS-PMU-F)		
Color	Black		
Dimension	305.1W x 195.2H x 52.5D mm (without mic)		
Weight	2 kg		
Mic parameters		Product model	
Mic type	Cardioid directional	VIS-PMU-T	Desktop 11.6" paperless conference terminal
Sensitivity	-46 dBV/Pa	VIS-PMU-F	Flush mount 11.6" paperless conference terminal
Frequency response	50 - 20000 Hz	VIS-DCP2000-D	Full-digital network DSP conference system host
Input impedance	2 kΩ	VIS-Server-E2	Paperless management server (B/S architecture server software)
Directionality 0°/180°	> 20 dB (1 kHz)	VIS-M220	220 mm mic (black) with windproof foam cover
Equivalent noise	20 dBA (SPL)	VIS-M330	330 mm mic (black) with windproof foam cover
Max sound pressure level	125 dB (THD < 3%)		

# Modular function expansion



**VIS-MDSP**  
Discussion + speaker module

- Built-in Hi-Fi speaker
- Metal grille structure protects the speaker
- Works with VIS-PMU to achieve speaking and sound reinforcement functions



**VIS-MVIC**  
Voting + IC card reading module

- RFID identification
- 3 voting or rating buttons
- Graphic signs for assisting users in sign-in
- Works with VIS-PMU to achieve voting sign-in by IC card, including the VIS-PVOT voting software license



**VIS-MVOT**  
Voting module

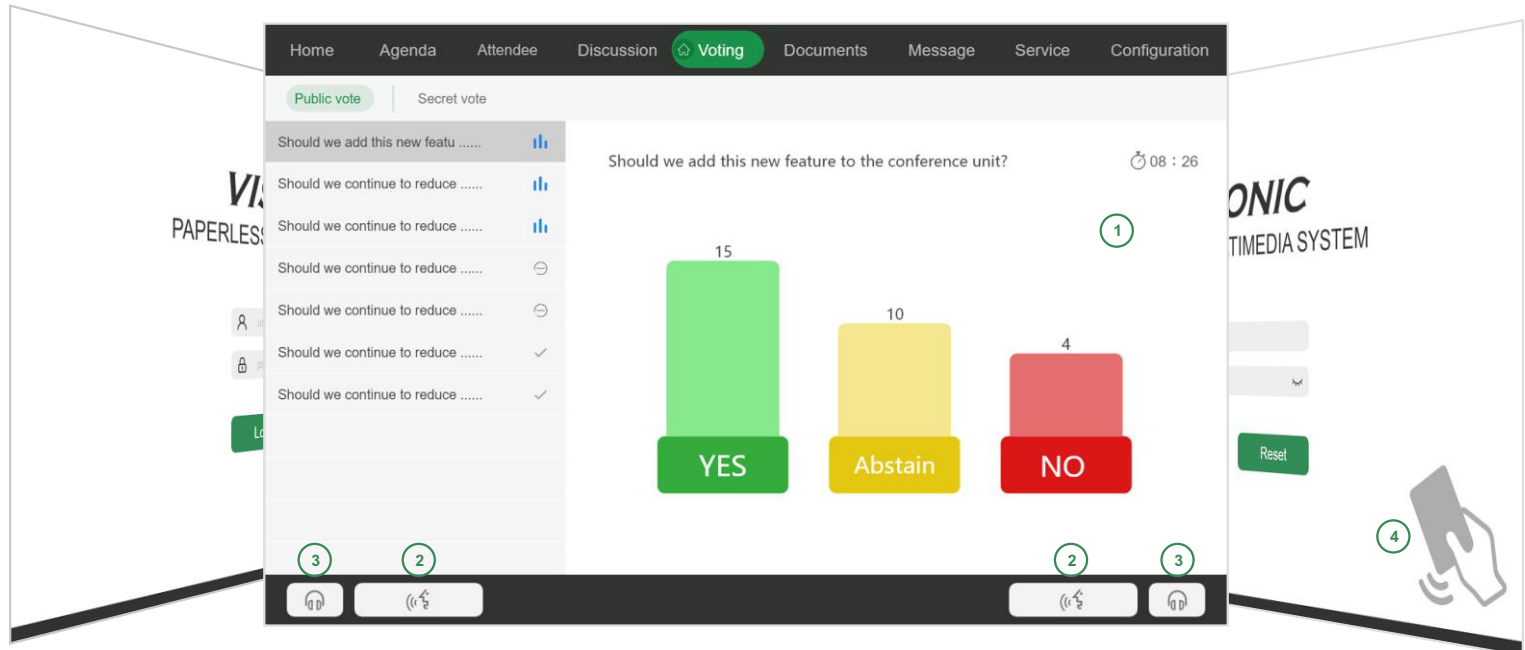
- 3 voting or rating buttons
- LED flashing for assisting users in voting
- Works with VIS-PMU to achieve the voting function, including the VIS-PVOT voting software license



**VIS-MSPK**  
Speaker module

- Hi-Fi speaker
- Hot swap design for dealing with sudden sound reinforcement failures
- Unique acoustic optimization for accurate audio reproduction
- Works with VIS-PMU to achieve local sound reinforcement and remote loudspeaker functions

# Software



## VIS-PVOT ①

Voting software module

- 5 voting or rating buttons
- Voting by 2, 3, or 5 buttons
- Supports firmware upgrade
- Paperless voting software module with a touch screen

## VIS-PDUL ②

Dual-user software module

- Multi-user identification
- Provides two sets of speaking buttons in conjunction with the device
- Supports firmware upgrade
- Paperless user identification module with a touch screen

## VIS-PLGE ③

Dual 64-channel selector software module

Interpretation channel selector  
Provides two sets of interpretation buttons  
Supports firmware upgrade  
Paperless interpretation software module with a touch screen

## VIS-PIND ④

NFC identification software module

- NFC sign-in or ID identification
- Contactless identification of physical encrypted cards
- Supports firmware upgrade
- Paperless IC card software module with a touch screen



# Main Features

## Basic functions

- 15.6" LCD touch screen (1920×1080, 16:9) provides a better user experience for document viewing. The capacitive multi-touch screen improves the user experience.
- The interface is optimized according to usage scenarios. With a simple layout and wizard-style menus, the terminal is easy-to-use.
- Use standard CAT5e cables for transmission. The RJ45 connectors facilitate wiring, installation, and maintenance.
- The aluminum alloy structure adopts a special frosting process, making the terminal elegant and attractive.
- The VSCON-Giga protocol with the leading gigabit network technology is adopted. All AV control signals are transmitted through a CAT5 cable. With data isolation technology, the protocol ensures efficient, secure transmission of AV data during conferences without mutual interference.
- Gooseneck mics of different lengths can be flexibly selected according to site needs.
- Voting by 3 or 5 buttons is supported, and the voting type is customizable. The terminal supports interpretation and is equipped with a 63+1 channel selector that displays language and channel options (you need to connect the headphones before selecting the channel).
- Optional software supports RFID identification, sign-in, discussion, and voting.
- Built-in Hi-Fi speaker.
- The terminal is designed with dual headphone interfaces, and the volume is adjustable.
- The AUDIO-LINKTM digital loop network technology achieves full-digital signal transmission and processing, as well as protection against RF interference from cell phones and other devices.
- A daisy-chain topology makes the system more reliable.
- Independent adjustment of individual mic sensitivity and 8-band equalizer EQ is supported.
- The clock and date functions are available, displaying the speaking time and countdown to speak.
- The USB port can be connected to a mouse, keyboard, and other devices, or used for firmware updates. The terminal can be connected to VISSONIC series electronic nameplates.
- With the camera and camera tracking controller, multiple cameras can be connected to show live videos of active speakers.
- Delegate units can be set as VIP units through software. Up to 32 VIP delegate units can be set when no more than 8 mics are enabled. VIP means that the unit can be freely enabled.
- It provides functions including sign-in, agenda, and agenda operation. For one-screen display, users can create a whiteboard for drawing and discussion. Speaking list (listed speaking time, delegates can be controlled by the chairperson). The system allows for signal access and display of multiple cameras, distributed system, matrix, and other streaming media. The internal peer-to-peer information, service application, system settings, and other functional modules.



VIS-PMU-TL  
Desktop 15.6" paperless conference terminal

## Conference functions

- Users can appoint the chairperson or delegate according to the conference management needs.
- Speaking: Users can view information about the active speaker and the list of participants waiting to speak, and manage the speaking and request functions.
- Voting: Users can view all the proposals to be decided by vote, browse completed/ongoing/unvoted voting projects, participate in voting, and view the results.
- Interpretation: Users can switch language channels, and the volume is adjustable.

## Multimedia conference functions

- Conference agenda guidance --- Participants can quickly know the agenda.
- Conference material links --- Participants can view the documents and voting information involved in the current conference.
- Conference topic list --- Participants can browse and play topic-related documents and videos. Files in the format of DOC, PPT, EXCEL, TXT, PDF, JPG, and PNG are supported.
- Speaker video tracking --- The big screen and all seats can display images of multiple speakers in real time.
- Screen synchronization --- The content displayed in individual terminals can be synchronized to all on-site conference terminals and the big screen.
- USB file import --- Files can be imported to a server or shared.
- Conference minutes --- Information that needs to be noted for the current conference can be recorded and saved.
- Internal communication --- Any participant can be selected for online text/voice communication.
- Conference service --- The refreshment service and on-site technical support are available.

# Specifications

Parameter		VIS-PMU-TL	
Screen size	15.6", 16:9		
Resolution	1920x1080		
Color	16.7M, 8-bit		
Contrast ratio	1000:1		
Output frequency response	30-20000 Hz		
Maximum power consumption	14 W		
Earphone load	> 16Ω		
Earphone volume	13 mW		
Earphone output connector	2×Ø 3.5 mm stereo jack		
Connection method	1000M RJ45 network port		
Power supply	POE power supply or 48VDC adapter		
Installation	Desktop (VIS-PMU-TL)		
Color	Black		
Dimension	382.6W×226Hx33Dmm (without mic)		
Weight	2.5 kg		
Mic parameters		Product model	
Mic type	Cardioid directional	VIS-PMU-TL	Desktop 15.6" paperless conference terminal
Sensitivity	-46 dBV/Pa	VIS-DCP2000-D	Full-digital network DSP conference system host
Frequency response	50 - 20000 Hz	VIS-Server-E2S	Paperless management server (B/S architecture server software)
Input impedance	2 kΩ	VIS-M220	220 mm mic (black) with windproof foam cover
Directionality 0°/180°	> 20 dB (1 kHz)	VIS-M330	330 mm mic (black) with windproof foam cover
Equivalent noise	20 dBA (SPL)		
Max sound pressure level	125 dB (THD < 3%)		



# Modular function expansion

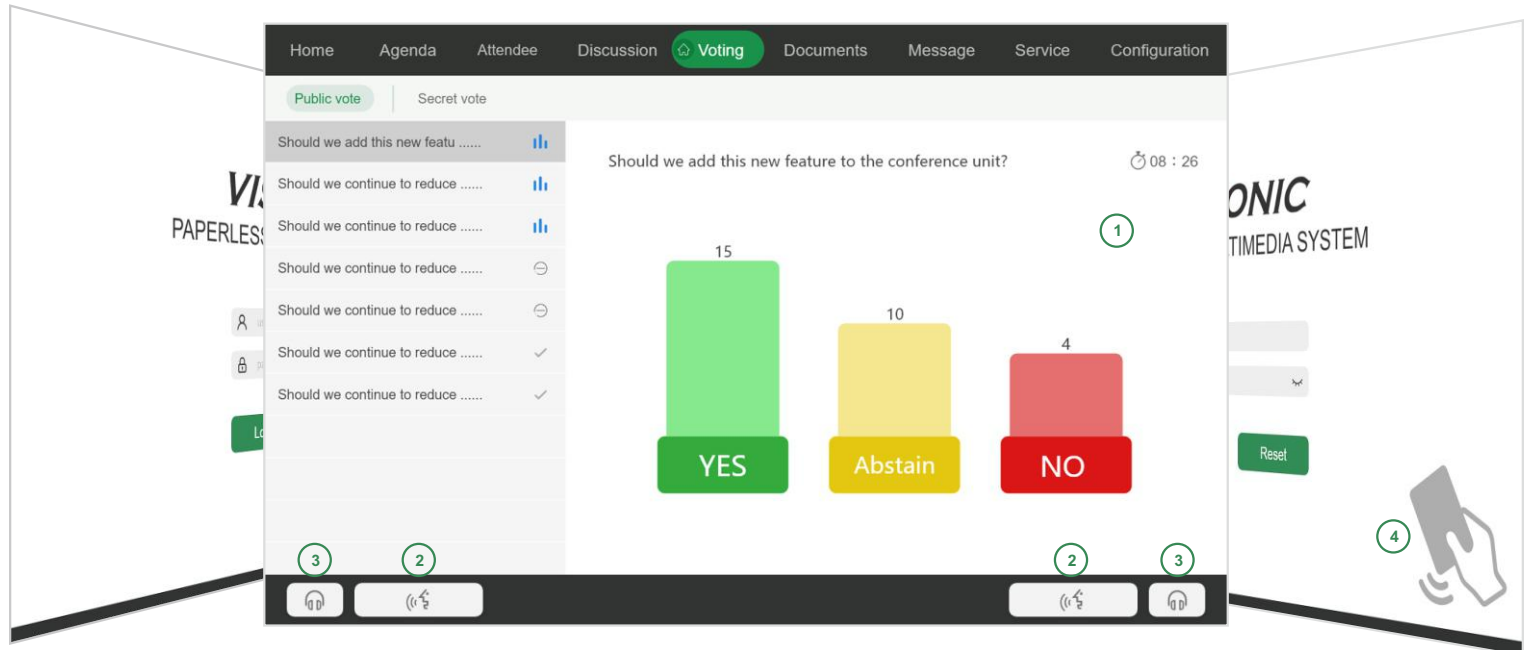


## **VIS-DVOT-TL**

Discussion & vote module

- Removable gooseneck microphone
- Three voting or rating physical buttons
- Use snap-lock connections
- Front soft light LED indicator
- Support fully digital signal transmission
- Use with VIS-PMU to realize speech and amplification functions

# Software



## VIS-PVOT ①

Voting software module

- 5 voting or rating buttons
- Voting by 2, 3, or 5 buttons
- Supports firmware upgrade
- Paperless voting software module with a touch screen

## VIS-PDUL ②

Dual-user software module

- Multi-user identification
- Provides two sets of speaking buttons in conjunction with the device
- Supports firmware upgrade
- Paperless user identification module with a touch screen

## VIS-PLGE ③

Dual 64-channel selector software module

Interpretation channel selector  
Provides two sets of interpretation buttons  
Supports firmware upgrade  
Paperless interpretation software module with a touch screen

## VIS-PIND ④

NFC identification software module

- NFC sign-in or ID identification
- Contactless identification of physical encrypted cards
- Supports firmware upgrade
- Paperless IC card software module with a touch screen

# Main Features

## Basic functions

- 11.6" LCD touch screen (1920×1080, 16:9) provides a better user experience for document viewing. The capacitive multi-touch screen improves the user experience.
- The HCI interface is optimized according to usage scenarios. With a simple layout and wizard-style menus, the terminal is easy-to-use.
- The modular design supports hardware expansion at any time according to requirements, including the optical module of the gooseneck mic, voting module, IC card module, speaker module, and other customizable modules.
- Use standard CAT5e cables for transmission. The RJ45 connectors facilitate wiring, installation, and maintenance.
- The aluminum alloy structure adopts a special frosting process, making the terminal elegant and attractive.
- The VSCON-Giga protocol with the leading gigabit network technology is adopted. All AV control signals are transmitted through a CAT5 cable. With data isolation technology, the protocol ensures efficient, secure transmission of AV data during conferences without mutual interference.
- Hidden array mics make the desktop tidier.
- Voting by 3 or 5 buttons is supported, and the voting type is customizable. The terminal supports interpretation and is equipped with a 63+1 channel selector that displays language and channel options (you need to connect the headphones before selecting the channel).
- Optional software supports RFID identification, sign-in, discussion, and voting.
- Built-in Hi-Fi speaker.
- With dual headphone interfaces, and the volume is adjustable.
- The AUDIO-LINKTM digital loop network technology achieves full-digital signal transmission and processing, as well as protection against RF interference from cell phones and other devices.
- A daisy-chain topology makes the system more reliable.
- Independent adjustment of individual mic sensitivity and 8-band equalizer EQ is supported.
- The clock and date functions are available, displaying the speaking time and countdown to speak.
- The USB port can be connected to a mouse, keyboard, and other devices, or used for firmware updates. The terminal can be connected to VISSONIC series electronic nameplates.
- With the camera and camera tracking controller, multiple cameras can be connected to show live videos of active speakers.
- It provides functions including sign-in, agenda, and agenda operation. For one-screen display, users can create a whiteboard for drawing and discussion. Speaking list (listed speaking time, delegates can be controlled by the chairperson). The system allows for signal access and display of multiple cameras, distributed system, matrix, and other streaming media. The internal peer-to-peer information, service application, system settings, and other functional modules.



VIS-PMU-TR  
11.6" paperless array microphone terminal

## Conference functions

- Users can appoint the chairperson or delegate according to the conference management needs.
- Speaking: Users can view information about the active speaker and the list of participants waiting to speak, and manage the speaking and request functions.
- Voting: Users can view all the proposals to be decided by vote, browse completed/ongoing/unvoted voting projects, participate in voting, and view the results.
- Interpretation: Users can switch language channels, and the volume is adjustable.

## Multimedia conference functions

- Conference agenda guidance --- Participants can quickly know the agenda.
- Conference material links --- Participants can view the documents and voting information involved in the current conference.
- Conference topic list --- Participants can browse and play topic-related documents and videos. Files in the format of DOC, PPT, EXCEL, TXT, PDF, JPG, and PNG are supported.
- Speaker video tracking --- The big screen and all seats can display images of multiple speakers in real time.
- Screen synchronization --- The content displayed in individual terminals can be synchronized to all on-site conference terminals and the big screen.
- USB file import --- Files can be imported to a server or shared.
- Conference minutes --- Information that needs to be noted for the current conference can be recorded and saved.
- Internal communication --- Any participant can be selected for online text/voice communication.
- Conference service --- The refreshment service and on-site technical support are available.

# Specifications

Parameter	VIS-PMU-TR
Screen size	11.6", 16:9
Resolution	1920x1080
Color	16.7M, 8-bit
Contrast ratio	1000:1
Maximum power consumption	14 W
Earphone load	> 16Ω
Earphone volume	13 mW
Earphone output connector	2×Ø 3.5 mm stereo jack
Connection method	1000M RJ45 network port
Power supply	PoE power supply or 48VDC adapter
Installation	Desktop
Color	Black
Dimension	305.1W x 195.2H x 52.5D mm (without mic)
Weight	2 kg
<b>Mic parameters</b>	
Mic type	Cardioid directional (17 arrays)
Optimal sound pickup distance	60 cm–80 cm
Sensitivity	-46 dBV/Pa
Frequency response	130 - 17000 Hz
Input impedance	2 kΩ
Directionality 0°/180°	> 20 dB (1 kHz)
Equivalent noise	60 dBA (SPL)
Max sound pressure level	112 dB (f= 1 kHz, k< 1%)
<b>Product model</b>	
VIS-PMU-T	11.6" paperless desktop conference terminal
VIS-DCP2000-D	Full-digital network DSP conference system host
VIS-Server-E2	Paperless management server (B/S architecture server software)



# Modular function expansion



**VIS-MDSP**  
Discussion + speaker module

- Built-in Hi-Fi speaker
- Metal grille structure protects the speaker
- Works with VIS-PMU to achieve speaking and sound reinforcement functions



**VIS-MVIC**  
Voting + IC card reading module

- RFID identification
- 3 voting or rating buttons
- Graphic signs for assisting users in sign-in
- Works with VIS-PMU to achieve voting sign-in by IC card, including the VIS-PVOT voting software license



**VIS-MVOT**  
Voting module

- 3 voting or rating buttons
- LED flashing for assisting users in voting
- Works with VIS-PMU to achieve the voting function, including the VIS-PVOT voting software license



**VIS-MSPK**  
Speaker module

- Hi-Fi speaker
- Hot swap design for dealing with sudden sound reinforcement failures
- Unique acoustic optimization for accurate audio reproduction
- Works with VIS-PMU to achieve local sound reinforcement and remote loudspeaker functions

# Software



## VIS-PVOT ①

Voting software module

- 5 voting or rating buttons
- Voting by 2, 3, or 5 buttons
- Supports firmware upgrade
- Paperless voting software module with a touch screen

## VIS-PDUL ②

Dual-user software module

- Multi-user identification
- Provides two sets of speaking buttons in conjunction with the device
- Supports firmware upgrade
- Paperless user identification module with a touch screen

## VIS-PLGE ③

Dual 64-channel selector software module

Interpretation channel selector  
Provides two sets of interpretation buttons  
Supports firmware upgrade  
Paperless interpretation software module with a touch screen

## VIS-PIND ④

NFC identification software module

- NFC sign-in or ID identification
- Contactless identification of physical encrypted cards
- Supports firmware upgrade
- Paperless IC card software module with a touch screen

# Main Features

- Fashion appearance, industrial design, aluminum alloy panel, anodic oxidation wire-drawing process, integrated molding of the electrolytic plate.
- Stable and reliable. Designed by a pure enterprise-class platform to ensure a life cycle of more than 5 years, wide range of voltage input of 100-240V.
- Strong compatibility.
- High performance and high expansibility. Supports whole series CPUs of the Intel Core I5.
- Establish overall communication between the server and client of the entire paperless meeting system.
- Provide conference room management, support simultaneous reservation of multiple meeting rooms in the management system, and setting of each meeting room.
- Seat management - set the entire meeting room seating layout, personnel ID location.
- Nameplate management--Set the name and position of the participants in each seat, and synchronize to the nameplate display on each seat.
- Projection management--Set the projection content corresponding to each topic, support images, text free editing.
- Department management--Individual personnel enter, modification and management, one-time entry system for long-term preservation, convenient for personnel to check and have the free combination of the internal departmental meetings, inter-departmental meetings, and multi-departmental meetings.
- User management--Set different personnel administration privileges, including system administrators, meeting administrators, etc. to ensure system information security and system setting security.
- Meeting management - Have personnel allocation and agenda management for a meeting.
- Participant management - can be allocated anytime, query and adjust the participants of each meeting.
- Document management - Documents required for meeting topics can be imported into the system early, and various topics can be bound for easy access by participants.
- Issue management - support agenda management and multi-issue meetings to ensure the completion of the meeting process, efficient.



VIS-Server-E2S paperless management server

## Specifications

Parameter	VIS-Server-E2S
Net weight	6.72kg
Dimension(mm)	428L*433W*45H
Tare weight	8.24kg
Dimensions including mounting ears(mm)	487L*466W*46H
Processor	Intel Core I7
Memory	DDR3 8G
Storage standard	1×128G 2.5" Solid State Drive (SSD) + 1×1T Hard Disk Drive (HDD)
I/O interface	1 VGA output interface, 1 HDMI output interface, 1DVI output interface,3 Audio interface 2 Realtek network port 3 RS-232 serial ports 4 USB 3.0 ports, 2 USB 2.0 ports
Power consumption	18.5V 6.5A 120W
Voltage input	110-240V, 50/60Hz
Power Certification	CE CCC ROHS
Meantime between failure	50000 hours
Operating temperature	- 10°C-60°C
Relative humidity	5%-90%, non-condensing

# System topology



— CAT5e — HDMI — VGA



**VISSONIC ELECTRONICS LTD**

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**VISSONIC**  
Professional Audio/Visual Manufacturer