

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

- 1 11.6" touch screen
- 2 Multi-touch technology
- 3 Expansion module
- 4 Three buttons for voting
- 5 Dual-channel interpretation



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).



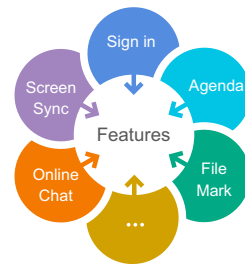
Transmission via CAT5e cables

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 VISSONIC 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-LINK™ 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-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-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-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
Mic parameters	
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%)
Product model	
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

- With a stylish appearance, it adopts the anodic oxidation brushing process and the design with aluminum alloy panels and an integrated electro-galvanized sheet. It can withstand contact-type 6KV electromagnetic interference.
- The enterprise-level platform design ensures high stability and reliability. The service life is at least 5 years. Wide voltage input 100-240V is supported.
- It can establish communication between the server side and the client side of the paperless multimedia conference system.
- The B/S architecture enables any computer or mobile device to access the server through a browser, verify the authorized user, and manage the conference room. Users can manage multiple conference rooms within the system at a time, set reservations and conference content for each room, and manage the devices.
- Seat management -- Sets the seat layout and personnel ID positions for a conference room.
- Nameplate management -- Sets the name and position of participants for each seat, and synchronizes them to the nameplate on the seats.
- Projection management -- Set the projection content corresponding to each topic. Images are supported, and text can be freely edited.
- Departmental management -- Records, modifies, and manages personnel by the department. The information entered into the system can be saved to facilitate personnel queries. Internal conferences, inter-departmental conferences, and their combinations are supported.
- User management -- Sets different personnel management rights, including system admin, conference admin, and other rights, to ensure the security of system information and system settings.
- Conference management -- Configures the conference staff and manages the agenda for a conference.
- Participant management -- Configures, queries, and adjusts the attendees of each conference at any time.
- File management -- Imports the files required for a conference topic into the system in advance and binds them to the topic for easy access by participants.
- Topic management -- Supports agenda management and multi-topic conferences and controls the topic progress to ensure that the conference is efficient.
- Control management -- Connects to the control system to manage the environmental devices, projection devices, and paperless devices in each room.
- Parameter setting -- Provides system interface and function customization to meet personalized enterprise requirements.

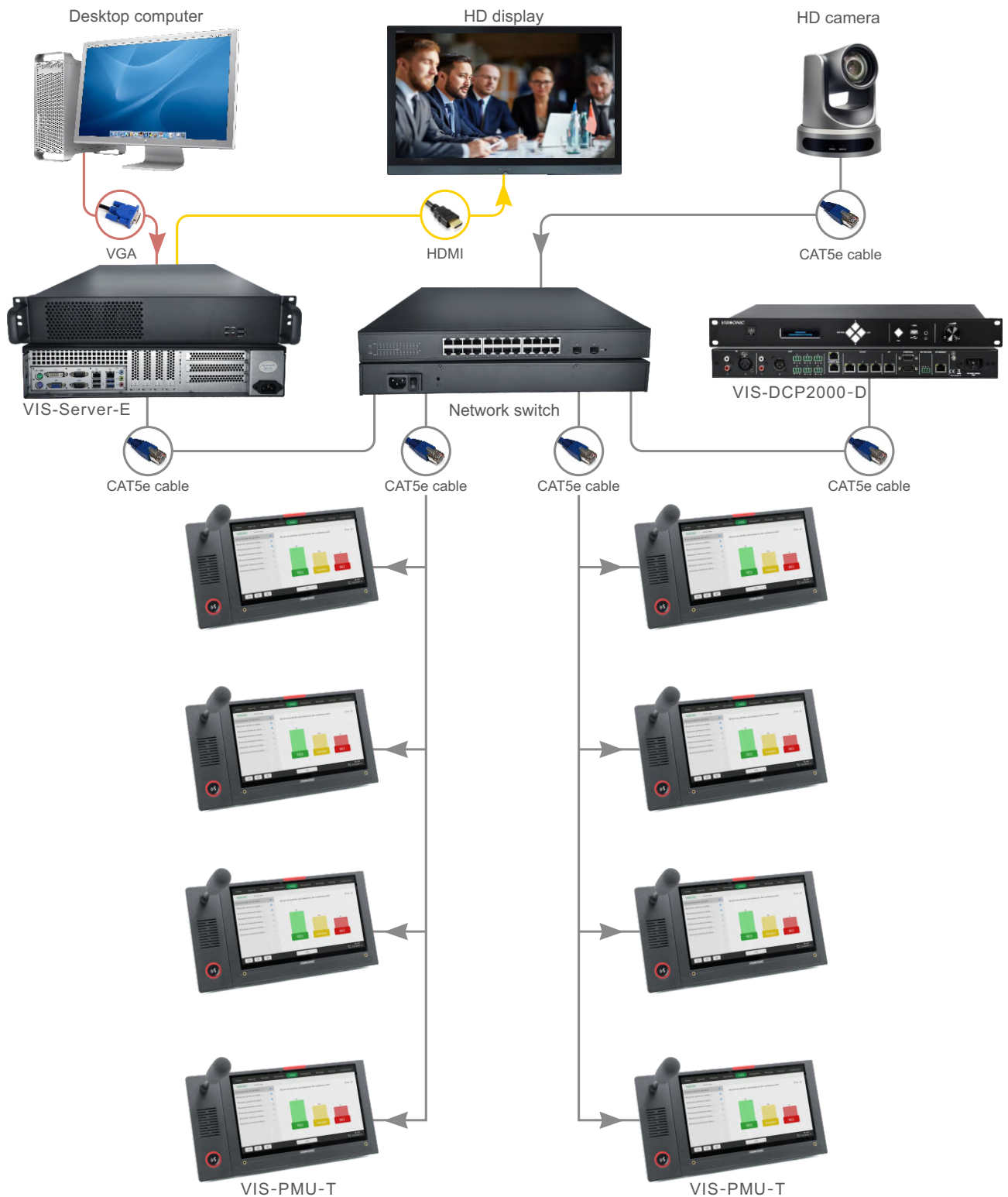


VIS-Server-E2 paperless management server

Specifications

Parameter	VIS-Server-E2
CPU	Intel Core I7 CPU
Memory	8G
Hard disk	1×128G 2.5" Solid State Drive (SSD) + 1×1T Hard Disk Drive (HDD)
Video Interface	1× VGA; 1× DVI
Communication and control interface	2× COM (2× RS232), 6× USB (2× USB 3.0 and 4× USB 2.0), and 2× PS/2
Operating system	Windows 7, without activation of copyrighted OS
Wide voltage range	100-220V AC
Operating environment	-10℃ to 60℃, with 5%-95% humidity (noncondensing)
Dimension	2U standard chassis
Weight	9.0 kg
Color	Black
Product model (hardware)	
VIS-Server-E2	Paperless management server (software included)
VIS-PMU-T	11.6" paperless desktop conference terminal
VIS-DCP2000-D	Full-digital network DSP conference controller
Software	
VIS-PVOT	Voting software license
VIS-PLGE	Interpretation software license
VIS-PIND	IC card software license
VIS-PDUL	Dual-user software license

System topology



— CAT5e — HDMI — VGA



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VISSONIC
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