VIS-PMU-TL-C

Desktop Paperless Multi-media System with Touch Screen & Nameplate



Overview

The VIS-PMU-TL-C is a 15.6-inch desktop paperless conference terminal with a 1920×1080 full HD touchscreen for smooth operation and clear display. Gigabit network multimedia ensures stable, interference-resistant transmission; deployable with a single cable. The terminal supports modular expansions like microphones and voting modules, and includes core features such as speech management, simultaneous interpretation, file sharing, video playback and screen mirroring, etc. Its 10.3-inch nameplate has a 1600×720 high-resolution screen, and the all-aluminum base with a transparent acrylic frame provides an elegant, premium look. Nameplate display content is edited via the server backend, updating participant information to meet efficient conference needs.

Features

- 15.6-inch 1920×1080 full HD LCD touch screen, 16:9 display ratio, providing a better document viewing experience, capacitive touch screen, support for multi-touch, improve operating experience.
- PoE port for switch connection; supports direct device-to-device network or DC connection.
- Built-in Android system for secure, smooth, and stable paperless conference operation.
- The Modular design enables flexible hardware expansion based on project requirements, including gooseneck microphone, voting, and fingerprint modules, with customizable configurations.
- The connecting cable can be selected from the bottom or the rear of the unit to meet various

engineering needs.

- Support a variety of gooseneck microphones of different lengths, flexible selection according to the needs of the conference.
- Two-key, three-key, five-key voting function, customizable voting type.
- Dual-channel simultaneous interpretation (optional), with 64-channel selection and language/channel display.
- Built-in IC card slot, RFID card identity authentication, sign-in, discussion, voting(Optional).
- Internal high fidelity loudspeaker. Head-set interface with volume adjust. Supports Simultaneous Interpretation (optional).
- Full digital transmission; 48 kHz audio, 20Hz–20 kHz bandwidth.
- The sensitivity of the unit microphone and 8 segment equalizer EQ adjusted independently.
- Time and date display function, and can display speaking time, countdown speaking, etc.
- All units can be selected as chairman unit hardware, and then use the conference management software to reset them to the chairman or delegate unit according to actual conference needs.
- Configurable as Chairman, Delegate, or VIP unit.
- Chairman unit has priority to approve delegate speech requests, mute specific units, or mute all other units.
- Full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- Hot-swap for any system unit, and the controller has autorecovery function.
- Optional fingerprint module supports enrollment, sign-in, authentication, etc.
- Optional Braille markings assist visually impaired users in identifying function buttons.
- LAN deployment with built-in security protection to prevent viruses and network attacks, ensuring stable high-speed operation.
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing.
- Camera auto-tracking available when integrated with a VISSONIC camera controller and cameras; microphone activation triggers camera auto-tracking.
- Multiple external video inputs available for manual switching on the paperless unit, with projection to a large display or screen sharing to other paperless units.
- The nameplate features a transparent, high-quality acrylic frame with a 10.3-inch LCD true color

display.

- The nameplate offers true color display, with maximum clarity and high refresh rate to prevent video flicker during camera recording.

Basic Conference function

- Allows configuring participant roles as Chairman or Assistant.
- Login: Account/password, IC card, fingerprint recognition, and one-click login via VIS-SERSOFT software.
- Sign-In: Configurable start/stop; supports touchscreen, IC card, and fingerprint sign-in, with results projected to the main display.
- Speaking: View the current speaker information, list of speaking request, manage speaking and application. Camera auto-tracking available when integrated with VISSONIC camera controller or cameras.
- Voting: View all pending, ongoing and completed voting. Chairman unit can start and stop the voting directly. All participants can cast votes and view results on the paperless unit or the big display.
- Simultaneous Interpretation (optional): When integrated with VIS-INT64 / VIS-INT64-P interpreter units, enables 64 language channel selection and volume adjustment.

Multimedia conference function

- Provide meeting agenda guidance---participants can quickly understand the complete meeting process arrangement.
- Conference data link---View the documents and voting content involved in the current conference.
- Conference Document List---View and present agenda-related files with support for multiple formats, including Word, PPT, Excel, TXT, PDF (with annotation), JPG, PNG, and MP4. Any file can be projected to the big display or sync to all paperless units, enabling efficient document presentation, collaboration, and interactive information sharing.
- Speaker video tracking---large screen and each unit can display the images of current speakers in real time

- Screen Synchronization and Projection---The screen content of an individual Paperless unit can be synchronized to all on-site Paperless units and the big display. Real-time content sharing enhances meeting interaction and collaboration, facilitating document presentation, proposal discussion, and live annotation. Display on the big screen provides clearer visuals for multiple participants, improving overall presentation impact.
- USB file import---support the file data import to paperless server or paperless unit and share to other paperless units.
- Conference records---Real-time generation and storage of sign-in results, voting results, and document annotations. After the meeting, all files can be saved to the paperless server for easy retrieval.
- Internal communication--- Enables point-to-point messaging between participants without external tools, ensuring data security and improving collaboration efficiency.
- Conference service--- Service names and icons can be customized via the paperless server. Attendees can submit service requests during the meeting with efficient response.
- Assistant function--- Controls projection or screen sync of attendees' paperless units, publishes announcements during the meeting with history access, and manages service requests.

Modular function components

VIS-DVOT-TL Discussion & vote module



- Removable gooseneck microphone;
- Three voting physical buttons;
- Optional Braille markings assist visually impaired users in identifying function buttons.
- Use snap-lock connections;
- Front soft light LED indicator;
- Support fully digital signal transmission;
- Use with VIS-PMU-TL-C to realize speech and amplification functions.

VIS-DVOTF-TL Discussion & vote & fingerprint recognition module



- Removable gooseneck microphone;
- Three voting physical buttons;
- Fingerprint recognition module:

  Supports fingerprint enrollment, sign-in, and authentication;
- Optional Braille markings assist visually impaired users in identifying function buttons.
- Use snap-lock connections;
- Front soft light LED indicator;
- Support fully digital signal transmission;
- Use with VIS-PMU-TL-C to realize speech and amplification functions.

Software License

VIS-PVOT-TL Voting software module

- Five voting or rating buttons
- Can realize 2, 3, 5 key voting or rating
- License suitable for touch screen unit

VIS-PLGE-TL Dual channel selector

- Simultaneous interpretation channel selector
- The user interface realizes two sets of simultaneous interpretation buttons
- License suitable for touch screen unit

Technical parameter

Model	**VIS-PMU-TL-C**
Screen Size	15.6-inch 16:9
Resolution	1920×1080
Color	16.7M 8 bit
Operating System	Android
Contrast	1000:1
Output Frequency Response	20Hz~20kHz
Maximum Power Consumption	14W
Headphone Load	>16Ω
Headphone Volume	13mW
Headphone Output Interface	2×Ø 3.5mm stereo jack
Card Reader	1× IC card reader
RJ45	2× RJ45
DC Port	2× 48 V DC
USB Port	2× USB
Connection Method	1000M network interface
Installation	Desktop
Color	Black
Dimension	426.5mm(L)×124.5mm(D)×221.0mm(H) (without microphone)
Weight	4.1kg (with microphone)
Nameplate	
Screen Size	10.3-inch TFT true color screen
Resolution	1600×720
Contrast	1000:1
Materials	Aluminum and acrylic
VIS-M220/VIS-M330/VIS-M410/VIS-M485/VIS-M600 Microphone	
Type	Cardioid directional electret
Sensitivity	-46dBV/Pa

Frequency Response	20Hz~20kHz	
Input Impedance	2kΩ	
Directivity	>20dB(1kHz)	
Equivalent Noise	20dBA (SPL)	
Maximum Sound Pressure Level	125dB (THD<3%)	
Microphone Stem Length with windscreen (mm)	VIS-M220: 220, VIS-M330: 330, VIS-M410: 410, VIS-M485: 485, VIS-M600: 600	
Module Model	**VIS-DVOT-TL**	**VIS-DVOTF-TL**
Interface	1× 6-pin microphone connector	
Physical Buttons with status LEDs	3× voting buttons, 1× speech button	
Fingerprint Module	None	1× fingerprint recognition module