

## VIS-PMU-TL-C

### Paperless Conference System with Nameplate

### Datasheet V1.2



## 1. Product 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.

## 2. 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 structure design supports the expansion of hardware modules at any time according to project needs and user needs, including: gooseneck microphone module, voting module, IC card module, speaker module and other customizable modules for combination.
- 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.
- Three-key, five-key voting function, customizable voting type, simultaneous interpretation function, with 64-channel selector, display language type and channel(the channel can be selected only after insert the earphone).

- 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, 20 Hz–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.
- 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.

### **3. Conference Function**

- Allows configuring participant roles as Chairman or Assistant
- Speaking: view the current speaker information, list the number of waiting speakers, manage speaking and application
- Voting: view all table resolutions, browse completed, in-progress, not-in-progress voting items, participate in voting, and view results
- Simultaneous interpretation: support switching language channels to listen to simultaneous interpretation, volume adjustment

### **4. 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

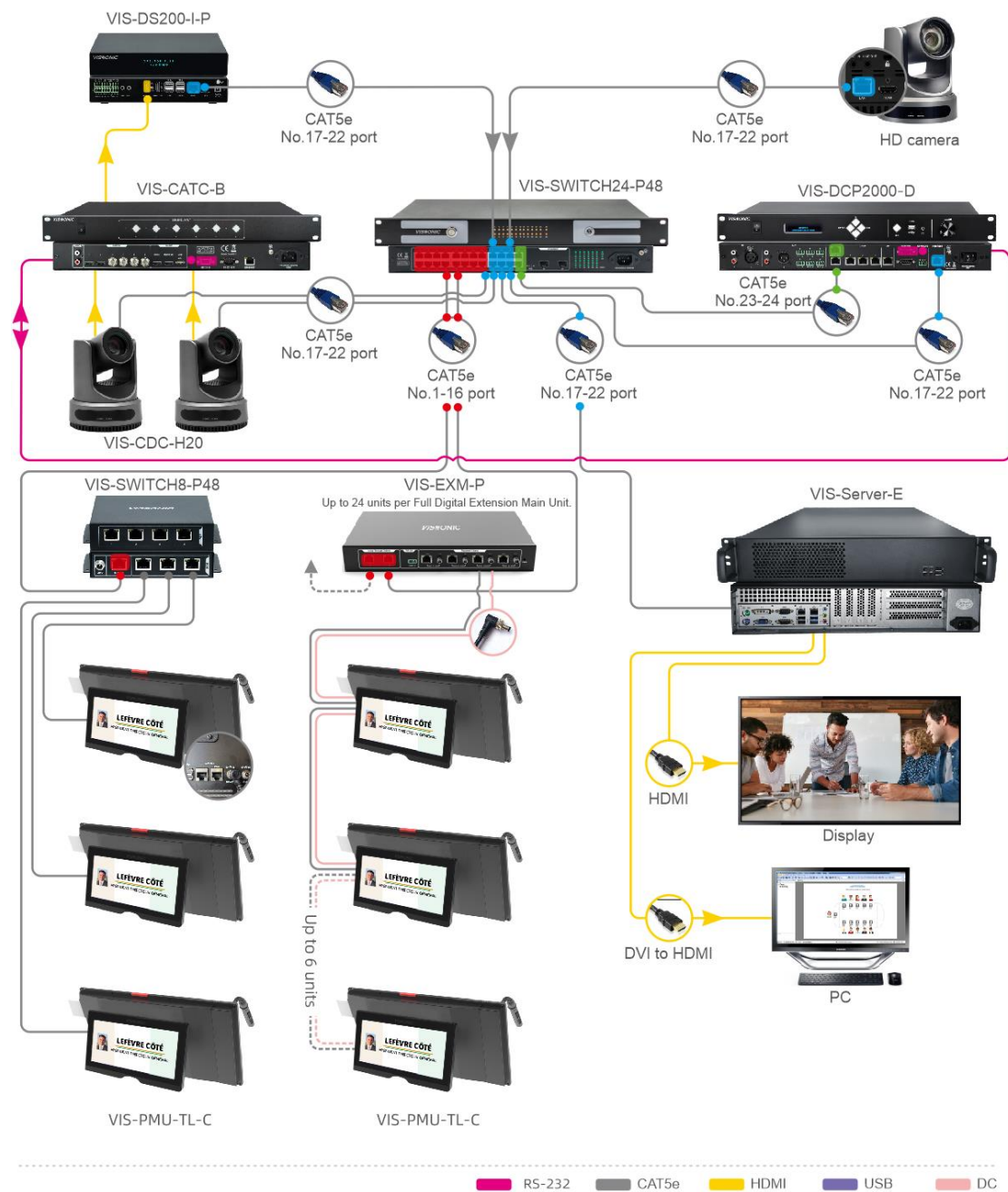
- Conference topics list---Browse and play files related to topics, support various file browsing, support uploading WORD, PPT, EXCEL, TXT, PDF and other documents, support jpg, png and other format files, MP4 video play
- Speaker video tracking---large screen and each unit can display the images of current speakers in real time
- Screen synchronization---can synchronize the screen content of the personal terminal to all conference terminals and large screens on site
- USB file import---support the file data import server and sharing
- Conference record---record the information that needs to be remarked in the current conference and save it
- Internal communication--- allows communication with any participant
- Conference service--- custom service names and icons, unlimited

## 5. Performance Parameters

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
RJ45	2× RJ45
DC Port	2× 48 V DC

USB Port	1× USB (side), 2× USB (rear)
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)
<b>Nameplate</b>	
Screen Size	10.3-inch TFT true color screen
Resolution	1600×720
Contrast	1000:1
Materials	Aluminum and acrylic
<b>Microphone</b>	
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%)

## 6. System Diagram



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