



Functional description:

1. System and Architecture: Utilizes Windows 7 to ensure compatibility and scalability with office software and other applications; employs a C/S architecture for client software to fully leverage the processing power and stability of client PCs;
2. Supports hybrid wired and wireless networking, enabling operation across network segments;
3. Supports cross-platform operation across Android, Windows, and Linux terminals in hybrid networking environments, and implements the following software functionalities:
4. Nameplate Display Function: Supports displaying imported information including name, organization, position, and background image from the backend software.
5. Meeting Slogan Feature: Displays meeting slogans and background images pushed from the backend.
6. Meeting Information Function: Displays meeting details pushed from the backend (meeting name, meeting time, meeting location, host, attendee names and job titles).
7. Meeting Agenda Feature: Displays meeting agenda information pushed from the backend.
8. Meeting Agenda Functionality: Displays meeting agendas pushed from the backend according to meeting progress and permissions. Files within agendas support office documents such as Word, PowerPoint, and Excel.
9. Document Annotation Function: Participants can handwrite annotations, circle text, or draw lines on meeting documents via the touchscreen of the conference terminal. This facilitates highlighting key points during presentations and proposing modifications to meeting documents. Supported input methods include handwriting, wireless keyboard, and tablet input. Annotated documents can be saved to custom locations such as local storage or servers.
10. Meeting Core Features: Supports meeting sign-in (backend-configurable for sign-in exemption). Voting and balloting (backend-configurable for real-name or anonymous participation). Interactive electronic whiteboard (for individual and collaborative use). Document annotation (original file annotation and quick annotation). Information exchange (instant messaging; participants may engage in one-on-one or group conversations with other attendees). Meeting service requests (beverages, paper/pens, etc.; attendees may also input custom requests; backend receives messages and arranges services accordingly). Receive notifications pushed by backend software and other meeting functions.
11. Screen Broadcast Function: Supports any conference terminal with broadcast permissions to instantly share screens with other terminals and large displays; enables dynamic playback of PPT files during broadcasts while preserving presentation effects; supports zooming in/out on shared documents and maintains touchscreen functionality; Supports synchronous transmission of audio/video files to other conference terminals and large-screen projectors, with audio routed to mixing consoles. Enables 1080P video screen broadcasting without quality degradation, displaying 1080P native resolution at the receiving end with a 20fps frame rate for smooth video playback. Screen broadcasting latency is less than 300 milliseconds. Supports muted transmission and muted reception of screen broadcasting signals.
12. Asynchronous Browsing Feature: Supports any authorized conference terminal to instantly switch between the remote presenter's screen and the local terminal's display, enabling seamless signal interaction. Participants can use this feature to view and operate their own documents.
13. Presenter Tracking Feature: Conference terminals in asynchronous browsing mode support one-click synchronization to the presenter's current screen at any time, maintaining real-time consistency.
14. External Signal Display Function: Supports real-time display of external signals on all participant terminals with synchronized presentation (external signals include matrix-switched video signals, computer signals, laptop signals, camera signals, DVD signals, multimedia outlets, etc.).
15. Temporary File Functionality: Supports one-click broadcasting of any file from an external USB drive to other meeting terminals and large screens, enabling sharing of meeting files with other participants.
16. PC Functionality: Supports switching between paperless software interface and Windows interface for standard computer operations. The screen can be broadcast simultaneously (e.g., computer usage training, web browsing via browser, OA software, and other operations can all be demonstrated on the same screen).
17. Chairperson Control Functions: Supports single or multiple chairpersons. Chairpersons have authority to control meeting proceedings, including: Enable unified sign-in; Switch display modes for all terminals: Meeting slogan, welcome page, nameplate display, Main Conference Interface; Enable Meeting Agenda; Initiate and conclude voting; The chair unit can select a screen broadcast signal source (external signal or participant terminal) to enforce screen synchronization to all terminals and large-screen projections, or broadcast only to large-screen projections; Can terminate screen synchronization; End the meeting; Shut down the conference system, etc."

Technical Specifications:

Model	VM-5801D
Processor	i5 Dual-Core Processor
Memory	4G DDR3
Hard disk	64GB SSD Solid State Drive
Network card	Gigabit
Power	80W
Dimensions	201mm*189mm*43.8mm