



Functional description:

1. The server integrates with intelligent paperless backend meeting management software, enabling remote activation and deactivation of meeting terminals. It supports unified raising and lowering of front-end screens or centralized control system operation of paperless lifters. This system handles meeting document processing, managing and distributing files for single or multiple meetings to enhance information exchange, transmission, management, and backup security within the conference system. It facilitates functions such as attendance tracking, voting, IE browsing, meeting minutes, surveys, elections, annotated document viewing, service calls, document projection, meeting agendas, screen mirroring, attendee permissions, shared electronic whiteboards, and shared document annotation. Meeting process files can be stored in real-time within the smart paperless conference server or automatically returned to the internal system.
2. Multi-Meeting Management: Supports preset functions for multiple conference rooms, including customizable meeting slogans and background images; configures welcome screens with custom background images; edits meeting fundamentals such as topic, host, secretary, time, and location; sets display formats (font type, size, color, and layout); automatically activates meetings according to the meeting schedule.
3. Configure different attendees: Supports batch import of attendee names, fonts, font sizes, and background images; enables simulated layout generation; accommodates temporary additions and absences with automatic one-click rearrangement based on rules, displaying real-time updates on the simulated layout.
4. Set meeting permissions: - Whether attendees need to sign in - Whether they can participate in specific agenda items - Whether documents within agenda items are viewable - Whether they can participate in specific votes or polls - Whether they can broadcast content to the screen
5. Meeting Agenda: Configure meeting agenda information; the terminal generates a meeting agenda tree.
6. Meeting Agenda: Set up multiple meeting topics, configure participant permissions for each topic, and upload meeting files (MP4, AVI, PDF, PPT, Word, Excel, CAD, etc.) under the respective topics.
7. Voting: Set up and manage meeting votes, edit meeting vote titles, options (vote types: Agree, Disagree, Abstain; customizable content for polls), descriptions, and types (set whether votes are anonymous or real-name). Set permissions for each vote. Control start time. Automatically generate results upon conclusion. Visualize outcomes via bar charts or pie charts. Import/export voting data. Save results to documents. Automatically compile results into reports. Export voting result summaries with one click.
8. Support for backend operations during meetings includes: temporarily adding or modifying attendee information; temporarily adding or removing agenda items and topics; uploading or deleting files within topics; and temporarily adding or modifying meeting sign-in and voting information.
9. The intelligent paperless meeting management software is an integrated system for publishing, managing, and automatically saving meetings. Upon conclusion, it supports archiving the session with the following naming convention: Meeting Time-Meeting Name, facilitating future review and reference.
10. Meeting sign-in records are automatically saved, capturing detailed arrival and departure times for attendees. Records include meeting time, topic, expected attendance, and actual attendance, all automatically generated in an Excel document. Sign-in sheets can be exported with a single click.
11. Meeting Materials Backup: The backend can save and delete agenda and topic documents, as well as annotation information, for this meeting.
12. Nameplate Display Function: Supports displaying imported information including name, organization, position, and background image from the backend software;
13. Meeting Slogan Feature: Displays meeting slogans and background images pushed from the backend.
14. Meeting Information Function: Displays meeting details pushed from the backend (meeting name, meeting time, meeting location, host, attendee names and position information).
15. 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 are automatically saved to the server.
16. Conference Basic Functions: Supports conference 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.
17. Screen Casting Functionality: Supports any conference terminal with casting permissions to instantly broadcast screens to other terminals and large displays; enables dynamic playback of PPT files during casting while preserving presentation effects; supports zoom in/out and other display features for shared documents; maintains touchscreen functionality. Supports synchronous transmission of audio/video files to other conference terminals and large-screen projections, with audio routed to mixing consoles. Enables 1080P video screen broadcasting without quality degradation, displaying 1080P native resolution at receiving end with 20fps frame rate for smooth video playback. Screen broadcasting latency remains below 300 milliseconds.
18. Asynchronous Browsing Function: Supports any authorized conference terminal to switch between the remote presenter's screen and the local terminal screen with a single click, enabling free signal interaction. Participants can use this feature to view and operate their own documents, etc.

19. Presenter Tracking Feature: Conference terminals in asynchronous browsing mode support one-click synchronization to any current view displayed by the presenter, maintaining real-time consistency.
20. 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.).
21. 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.
22. PC Functionality: Supports switching between paperless software interface and Windows interface for standard computer operations. Screen content can be broadcast simultaneously (e.g., computer training sessions, web browsing, OA software, and other operations can be demonstrated on the same screen).
23. Chairperson Control Functions: Supports single or multiple chairpersons; chairpersons have authority to control meeting proceedings, including: - Enable unified sign-in; - Switch all terminal display functions: 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 meeting; Shut down the conference system, etc."

Technical specifications:

Model	VM-5800M
Processor	i5 quad-core processor
Memory	4G DDR3
Hard disk	1TB HDD spin speed: 7200rpm
Network card	Gigabit
Display	10.1-inch display 1024×600
Power	350W
Dimensions	351.4mm *484mm*177.6mm