

Specification

Product Name: Paperless Conference System Terminal

Product Model: HY-PA20

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Production Department: Product Department

1、Product Overview

1.1 Product Image



2、Product Specifications and Parameters

2.1 Functional Parameters

1. The system uses a BS architecture and supports remote Web login management, developed as a paperless meeting terminal based on Windows.
2. It features participant identity recognition and information display, with software identifying and displaying information visually within the system for all participants to see.
3. Supports one-click handover of the main speaker and application for main speaker privileges. The main speaker can transfer privileges with one click, and participants can apply for main speaker status with one click.
4. Features screen sharing functionality, allowing participants to view and modify file content in real-time after the main speaker initiates screen sharing.
5. Provides both mandatory and optional synchronous presentation features, allowing annotations and remarks to be synchronized without delay. In non-mandatory mode, participants can browse other information asynchronously.
6. Annotations and remarks can be made by both the main speaker and participants, with files being modified and saved separately during the meeting.

7. Synchronous presentation files are encrypted to meet national confidentiality standards, and participant terminal data is automatically cleared after the meeting.
8. Includes main speaker time settings and countdown reminders, allowing each speaker's speaking time to be set with automatic reminders within 30 seconds.
9. Supports electronic whiteboard functionality for meeting training and discussions, allowing participants to draw, write, and annotate on the whiteboard simultaneously.
10. Allows images to be opened on the electronic whiteboard and the whiteboard to be regenerated. Participants can share whiteboard content in real-time, with the ability to save content independently.
11. Features a meeting sign-in function for electronic check-in, retaining original records, automatically recording and statistics attendance, and generating signing documents.
12. Supports various voting functions, including single-choice, multiple-choice, and bulk voting. Features countdown reminders and quick voting result statistics.
13. Allows setting of the voting initiator, displaying voting results as numbers or diagrams, saving results as Word files to prevent tampering, with support for on-site printing.
14. Includes meeting minutes functionality, recording and conveying meeting resolutions, generating Word meeting records, with support for on-site printing and backend email sending.
15. Supports pre-meeting SMS and email reminders, with a separate or server-installed SMS module, sending reminders via SMS and email to participants.
16. Features internal communication functionality, supporting one-to-one and one-to-many communication for temporary notices, reminders, and small-group discussions during meetings.
17. Supports external video signal input and synchronized display, including remote video, conference cameras, computers, televisions, and DVD players.
18. Supports simultaneous display of up to four video sources (expandable to eight), with full-screen, floating window viewing, zoom in/out, and one-click sharing to all participant screens.
19. Supports remote participation, allowing all authorized users connected via a wide area network to join the meeting, providing greater convenience for remote and business trip scenarios.
20. Includes meeting information expansion and interaction features, allowing real-time synchronization of meeting content to projectors or other external display devices after the main speaker initiates external display.

21. Supports playback of video files, presentations, and meeting materials on any authorized meeting terminal, with content synchronization to other terminals and large screens or exclusive display on large screens.
22. Provides meeting services including calculators, tea, pens, paper, technical support, and cleaning services, with service personnel able to track and handle specific services in real-time.
23. Includes centralized control functionality, allowing one-click power on/off for all meeting terminals, controlling meeting volume, projector switches, signal switching, and paperless lifting.
24. Uses multiple levels of encryption to support confidentiality before, during, and after meetings, ensuring that meeting information and materials are not leaked.
25. Allows creation of meetings at three user levels, with each user's meetings and materials being independent and inaccessible to others.
26. During meetings, files are converted to encrypted formats and temporarily cached. After the meeting, the cache is automatically cleared, and saved materials are stored on the server.
27. Participants requiring meeting materials must receive them via email or USB drive from meeting organizers according to different permission levels.
28. Supports intelligent file push functionality, with meeting files automatically pushed to front-end terminals based on meeting progress and permissions, blocking unauthorized file displays.
29. Features asynchronous browsing, allowing the use of the built-in browser for internet and intranet browsing, and access to OA, email, etc.
30. Supports main speaker tracking functionality, with paperless meeting terminals in asynchronous browsing mode able to synchronize to the main speaker's meeting files and video display.
31. Includes single and multiple chairman functions, with chairpersons controlling meeting progress, signal switching, initiating votes, starting topics, and ending meetings.
32. Ensures synchronization delay during screen broadcasting is less than 0.5 seconds, achieving seamless switching with clear and vibrant display effects to ensure meeting synchronization.
33. Supports one-click broadcasting of files from an external USB drive to other meeting terminals and large screens, with support for document import/export, viewing, uploading, distribution, and copying.

2.3 Technical Parameters

CPU	i5 3470
Memory	4GB, 64GB SSD
Motherboard	H61DC
Video Ports	Supports VGA/HDMI output, with synchronous and asynchronous display output
Interfaces	DC×1、HDMI×1、VGA×1、LAN×1、MIC-IN×1、LINE-OUT×1
USB Ports	USB 2.0×4
Power Supply	AC 10-220V AC/50-60Hz, 12V6A
Dimensions	220×210×65mm
Weight	2.0Kg
Operating System	Windows