Specification

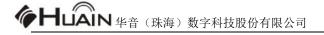**Product Name:** Paperless Conference System Management Center

Product Model：HY-BS20

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Production Department: Product Department

Huain (Zhuhai) Digital Technology Co., Ltd.

1、Product Overview

1.1 Product Image

2、Product Specifications and Parameters

1. Developed based on an embedded B/S architecture, running Windows 7 operating system, the system is stable and reliable, providing management, control, data interaction, and service functions for a paperless multimedia conference system.

2. Integrates an all-in-one industrial-grade design with an i5 3470 processor, 8GB RAM, 1TB hard drive capacity, built-in 8.9" LCD screen, supports HDMI/VGA display output, and features a pull-out keyboard and mouse.

3. Supports remote web login management, allowing simultaneous management of multiple conference rooms on the same web interface (such as starting, refreshing, ending conferences, and viewing conference details).

4. Supports adding multiple different conferences and corresponding different conference terminals,

with permissions assigned according to different conferences, supporting single or multiple conference terminals for lifting/power on/off control.

5. Supports user management functions, including adding, importing, modifying, and deleting users, user grouping, and establishing user organization structures. Users can be filtered through the organization structure when added.

6. Supports different permission management modes, including system administrators, conference secretaries, and ordinary users. Conferences created by different conference secretaries are confidential from each other, and system administrators have the authority to manage all conferences.

7. Supports creating multiple preset conference templates, one-click starting of conferences, default conference settings, and conference managers can edit templates for quick conference creation.

8. Allows editing multiple conference slogans, generating multiple slogans based on the agenda with one click, and supporting arbitrary switching of multiple conference slogans during the meeting, making it convenient to choose different conference slogans for different topics.

9. Supports pre-meeting simulation to arrange the seating of participants, with a conference room diagram editor for arranging and adjusting seats. Participants can browse seats during the meeting.

10. During the meeting, it supports switching screens for welcome pages, conference information, name display, title display, conference slogans, and unified lifting/power on/off control of conference terminals.

11. Supports conference sign-in and data monitoring management functions, realizing electronic sign-in for all participants, retaining original traces, automatically recording and counting meeting attendance, and automatically generating countersigned documents.

12. For activated voting, participants can vote, view voting results in real-time, and support the conference voting list and historical voting records.

13. Supports arbitrary video on demand from the server, real-time viewing of video stream live broadcasts, playback of 4K high-definition videos, frame rate of 25 frames, latency of less than 0.4 seconds, ensuring synchronization of the conference.

14. Supports browsing the internet, local area network, OA, email, etc., using the built-in browser of the paperless conference client, and the browsed web pages can be shared.

15. Supports upload/import file permission settings, where uploaded/imported files can be set for different personnel to view. If participants do not have permission to view, the terminal will automatically block the display of the file.

16. Real-time reception and processing of conference service information during the meeting; supports conference logistics service APP, enabling instant needs of the conference room to be received through mobile phones or tablets, making logistics support more convenient.

17. Equipped with internal communication functions, supporting one-to-one and one-to-many communication modes (personal, everyone, administrator), as well as system notifications or conference communication with participants.

18. Supports electronic whiteboard functions, where participants can simultaneously draw and write on the whiteboard, supporting personal and interactive use, and allows changing pen thickness, color, font size, etc.

19. Equipped with free interaction functions, allowing any conference terminal to broadcast local screens to other conference terminals and large screens in real-time according to the conference arrangement.

20. Smart distribution of original files, without secondary conversion, smart permission distribution (whether permission exists for the file), specified distribution (precise point distribution), and review status distribution (time-point distribution).

21. Supports conference archiving functions, allowing selected content to be saved, including sign-in information, voting information, conference information, electronic whiteboard, annotated files, etc., and can be saved as folder directories or compressed packages.

22. High-security automatic clearing function, where the server automatically clears terminal data, terminals automatically clear all data on the machine, supports manual clearing, automatic clearing after disconnection, and automatic saving by the server.

3、Technical Parameters

Working Power Supply	AC100V~240V 50/60Hz
Maximum Power Consumption	250W

CPU	Intel Pentium Quad-Core
Hard Drive	1TB and above
Supported Networks	1000M Ethemet
External Interfaces	RJ45/USB/VGA/HDMI/DVI/COM
Operating System	Windows 7
Communication Protocol	TCP/IP HTTP
Optical Drive	DVDRW
Screen Interface	HDMI/DVI/VGA（customizable）
Material	Aluminum alloy
Process	Anodizing treatment
Color	Matte black
Installation Method	Cabinet mount

4、 System Connection Diagram