

Paperless Conference Solution for Conference Room

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■ Solution Description

Computers and multimedia technology provide new means and methods to conference; Moreover, paperless conference are rapidly gaining popularity for its diversity of functions, resource pooling and management standardization. With paperless conference rooms, government, enterprises, and institutions have shortened the meeting preparation cycle, enhancing their work efficiency and management level.

DSPPA Paperless Conference System is tailored for party and government organs, enterprises and institutions, and large group as well. It provides powerful meeting functions, including meeting information upload, document distribution, reading and viewing, document annotation, sign-in, voting, electronic whiteboard, document interactive transmission, video interactive transmission, meeting exchanges, information notification, meeting services, information records, etc.;

Characterized by multiple functions, intuitive interfaces, simple and steady operation, it can help greatly reduce work pressure of meeting organizers as they can easily control the meeting, improving the meeting efficiency. Meanwhile it lowers costs on printing and projection equipment, which is fully in line with the national concept of “low-carbon and environmental protection”.



15 Highlights



Conference
Check-in



Seat List



Conference
Agenda



Conference
Materials



Web Browsing



Conference
Voting



Annotation
Viewing



Projection
Application



Same Screen
Management



Terminal
Management



Conference
Exchange



USB Import



Video Service



Electronic
Whiteboard



Call Service

■ Attainable Functions

While-meeting Management



Check-in Management

Participants log in to the client terminal, select the meeting they want to attend, and follow the prompts to complete the sign-in, and the management terminal can count the number of sign-ins in real time.

01



Co-screen Viewing

After entering the meeting, all meeting materials will be downloaded in real time. The presenter can choose "Synchronized Viewing" to keep the participants in the same interface with him/her.

02



Voting

Set up voting in the management terminal, and then the participants can vote, and the management terminal will summarize the statistics thereafter.

03



Note Taking

Participants can record their notes by virtue of the terminal's "Notes Record" function and upload it to the server for viewing after meeting.

04



Communication

Multiplayer sessions can be initiated to establish a mechanism for communication, allowing participants to fully participate in the discussion of relevant topics.

05

■ Paperless Conference System VS Traditional Conference System

Organization of Traditional Conference System

Conference Arrangement

Before meeting, following preparations should be done: meeting rooms, seating arrangement, notification of participants one by one by phone calls, text messages or emails.



Meeting Material

You have to print and bind a lot of meeting materials, prepare table cards, and put them into place in advance for attendees, and sometimes it is even more hectic when meeting schedule is changed.

Communication

During the meeting, the participants were flipping through the complicated meeting materials against the presenter's speech, and they couldn't keep up with the pace of the meeting if they weren't careful.



Confidentiality

After the meeting, meeting materials are to be handed in or destroyed for fear of information leakage, which is time-consuming and laborious.

■ Paperless Conference System VS Traditional Conference System

Advantages of Paperless Conference System

Instant information exchange

For meeting process management and meeting material management, meeting document information release and document interactivity are of indispensable importance. At the same time, it can be seamlessly combined with large-screen display or projector to realize file synchronization and sharing.

Conservation and environmental protection

Take a traditional meeting with 12 people as an example: 12 participants, 5 discussion topics, 4 materials for each topic, and an average of 70 pages for each material for estimation. You need to prepare $12 \times 5 \times 4 = 240$ materials, $240 \times 70 = 16800$ pages of paper. It costs an average of 0.3 yuan to print a piece of paper, so it costs 5,040 yuan in total.

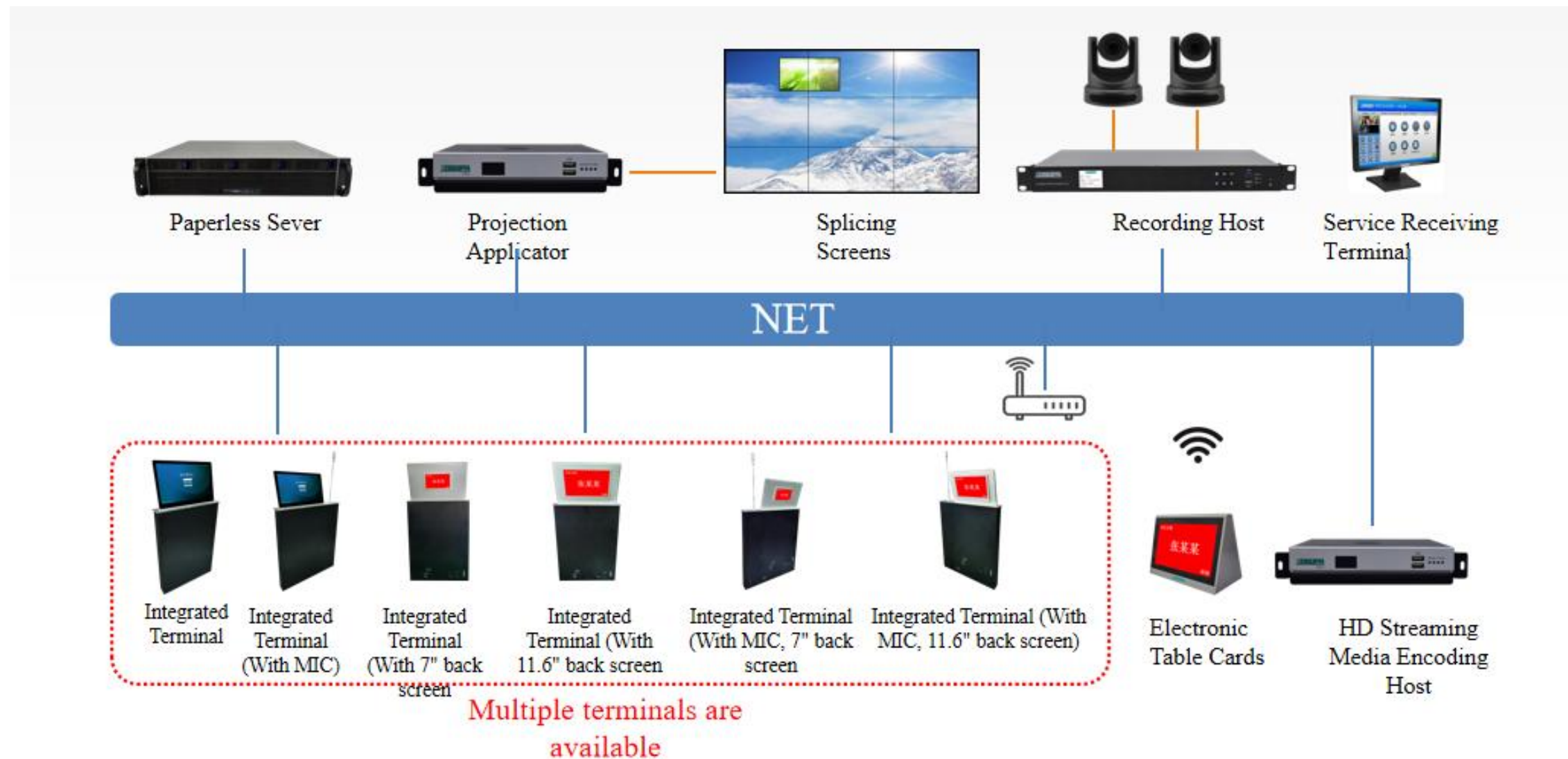
High efficiency

Compared with traditional paper media, the time for collecting, preparing, and printing conference materials is reduced before the conference; it is very convenient to organize, archive, and save the materials after the conference. Paperless conference system solutions can not only optimize conference efficiency and improve conference quality, but also save a lot of time and labor costs.

Confidentiality & Security

Compared with traditional paper conferences, the paperless conference system converts electronic documents into paper-like electronic paper that cannot be recognized by a third party through a special encryption form. It uses a dedicated network protocol in network communication, and transmits data through multiple encryptions. The security and confidentiality of meeting documents is extremely high.

Multiple Paperless Terminals



Main Devices



Sever



Intelligent Conference
Document Management
Server



HD Conference Recording
Host



Integrated
Terminal



Integrated
Terminal
(With MIC)



Integrated
Terminal
(With 7" back
screen



Integrated Terminal
(With 11.6" back
screen



Integrated Terminal
(With MIC, 7" back
screen



Integrated Terminal
(With MIC, 11.6" back
screen
)



Paperless
Terminal



Other Devices



Electronic
Table Cards

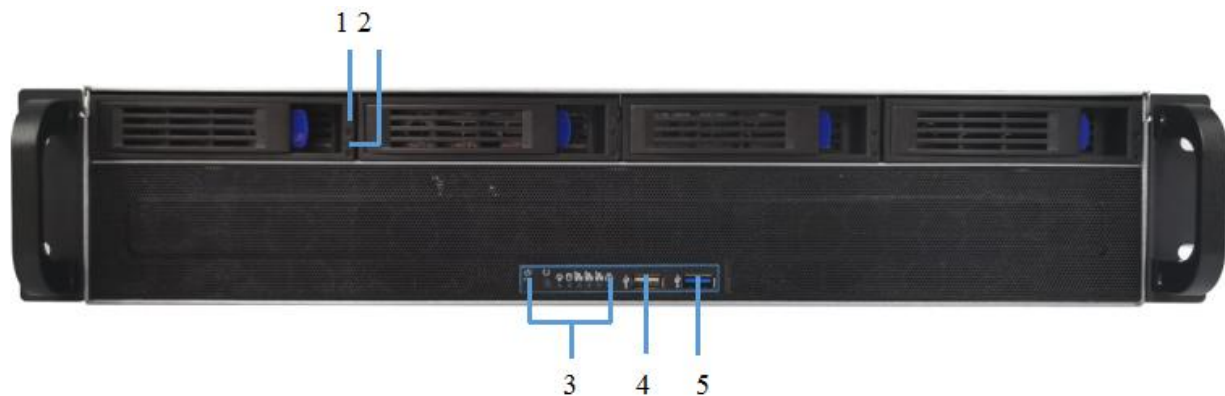


HD Streaming Media
Encoding Host



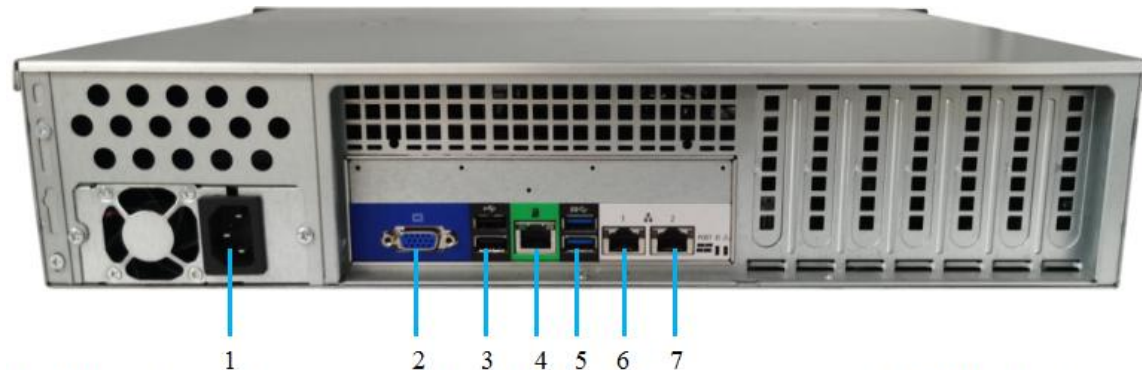
Projection
Applicator

D7600 Paperless File Management Server



- 1. Power Supply LED
- 2 .Hard Drive LED
- 3. LED

- 4. USB2.0 Interface
- 5 .USB3.0 Interface



- 1. 11.Power Connector
- 2. VGA Interface
- 3. USB 2.0 Interface

- 4. RJ45 Interface
- 5. USB 3.0 Interface
- 6. RJ45 Interface

- 7. RJ45 Interface

Features



Centralized and efficient management of one or more conference systems



Manage and distribute documents to the terminals and be responsible for the processing of meeting documents

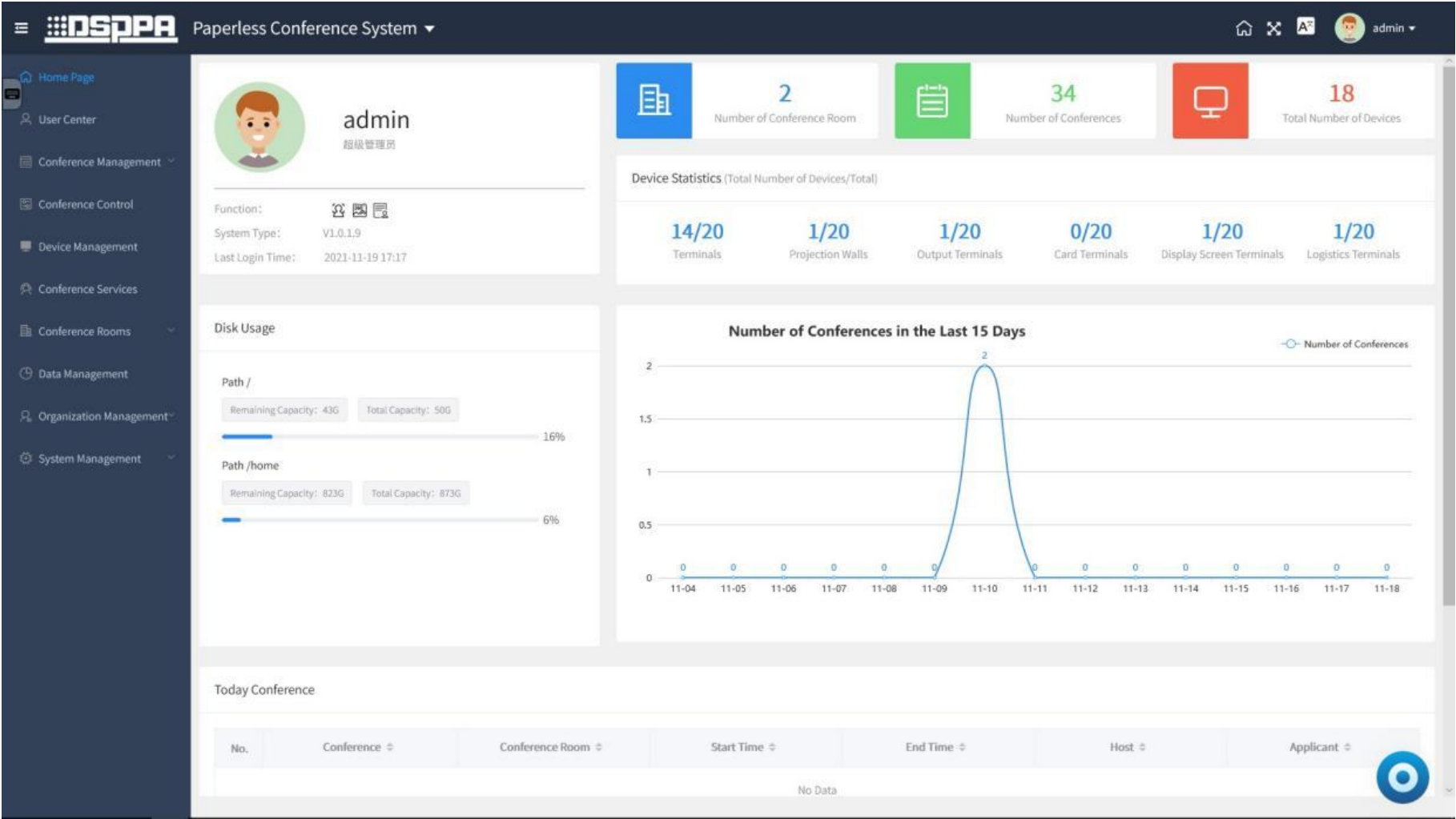


4-channel video signal can be input to each conference terminal at the same time



Support sign-in, voting, document projection, co-screen and document annotation on the conference terminal screen

Backstage Software



Main Interface Display

On the main screen, there is information such as meeting name, time, date, week, and so on. Eleven functions (meeting materials/agent list/meeting agenda/voting/viewing comments/meeting Communication/video services/USB drive import/whiteboard/web browsing/hover buttons) are available for General attendance. The conference Secretary or moderator also has two additional functions (Conference Control/Open Background).

The main interface for regular attendees is as follows:



D7632 Projection Server



Features:



Participants can show their speech content to the large screen with this equipment



Support multiple user projection applications, up to eight 1920*1080P screens or four 4K screens



The secretary of the meeting can also choose the promotional film and music for projection accordingly



2-channel HDMI output; 0.96" OLED screen to display local IP and operating information in a real time manner

D7633 HD Streaming Media Encoding Host



Features:



HDMI video signal input; After video compression and coding processing, output standard video stream of various protocols via Internet



With digital HD audio and video compression technology, it features stability and reliability, low bit rate, low latency and other characteristics



2-channel Gigabit network (1 fiber, 1 cable) to form a network link double backup protection



0.96" OLED screen, real-time display of local IP and operating information

D7634 HD Conference Recording Host



Features:



With embedded Linux operating system, remote operation can be performed through IE and other browsers



With one-key guiding function, guide switch can be achieved in the guide interface

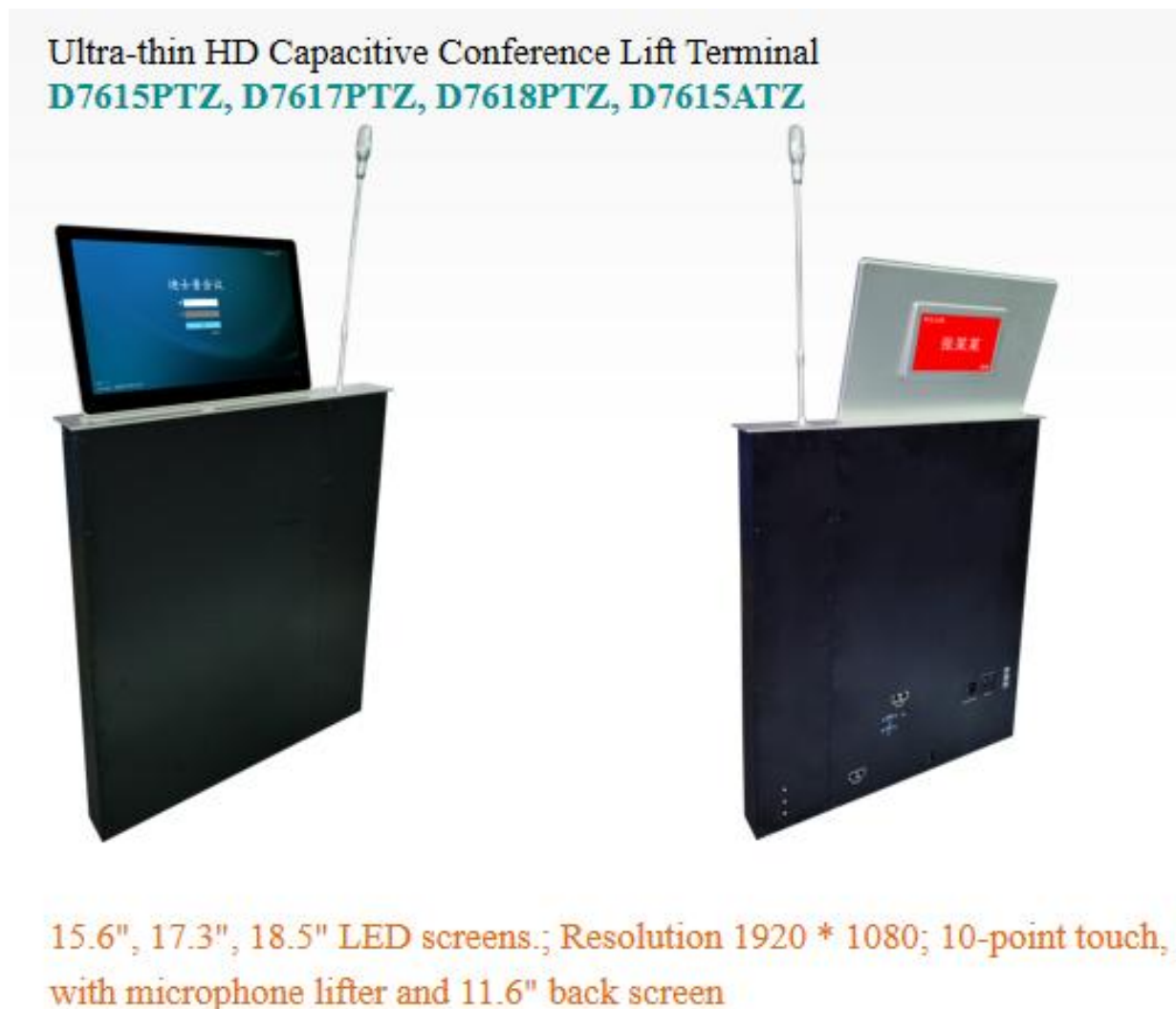


Support 6 groups of SDI HD input; Support 2-channel HDMI input, 2-channel VGA input, 1-channel HDMI output, 1-channel VGA output



With live streaming function, live viewing of meetings, training and teaching locally can be achieved

Conference Terminal with Lifting Monitor & Mic & Nameplate D7615PTZ



Features:

- Ultra-thin integrated lifting terminal, the display is self-adjust 30 degrees mechanically, equipped with lifting microphone and a 7" back screen;
- Touch Reaction Time $\leq 5\text{ms}$;
- Support win10 or Android systems, primarily loaded with the DSPPA paperless terminal software;
- Convene, record, manage meetings, and control the proceedings of meetings;
- With USB interface and USB dust cover, participants can easily import files from USB at any time;
- Meet the special needs of planning 3D or 3D graphics processing, HD movies amid meeting.

■ Solution Example

Conference Room:

Conference area: 12m * 9m (L*W), 108m²

Number of participants: **21**

Main use: Conference communication

Main functions: Conference amplification, paperless conference

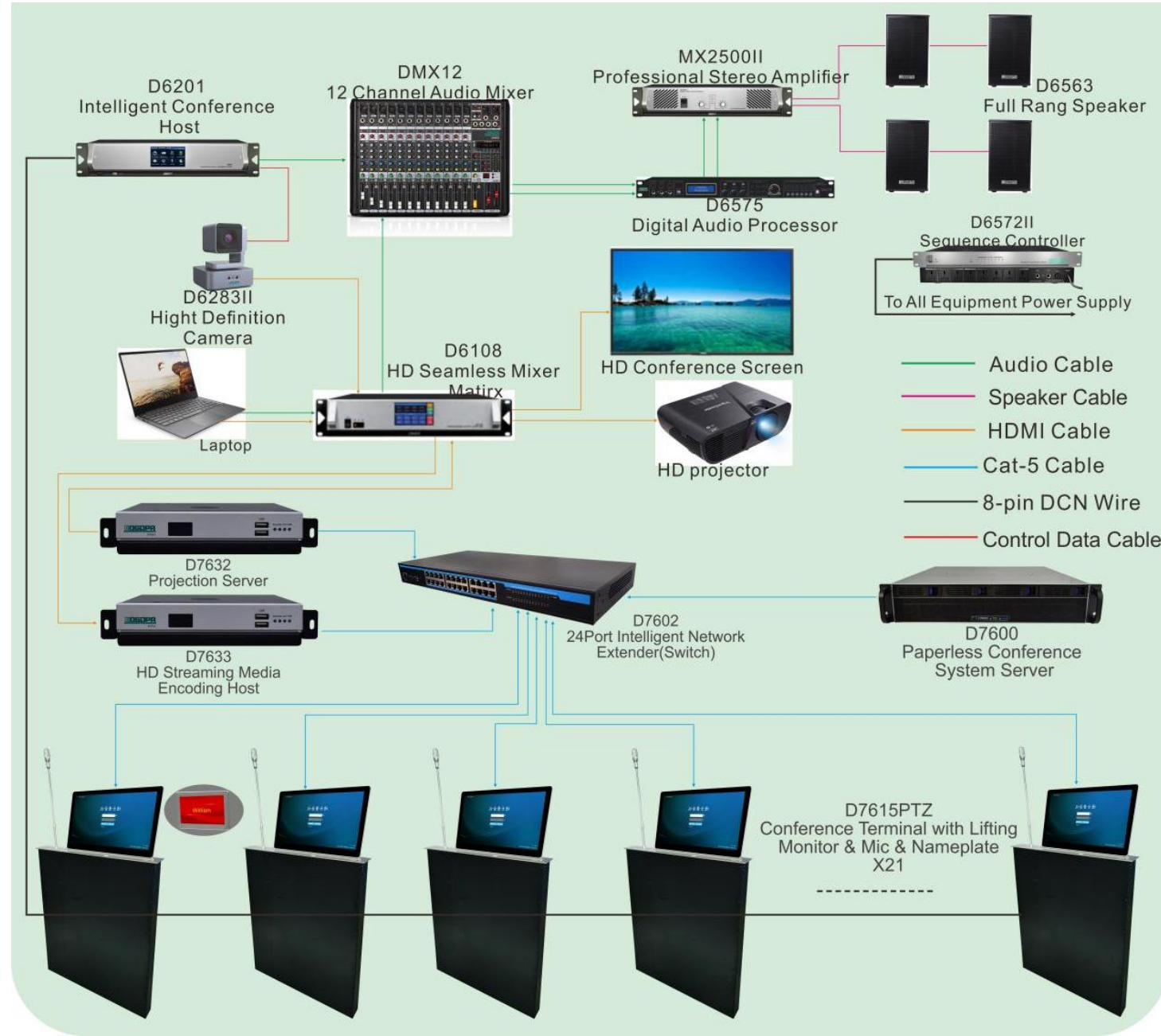
Configuration:

Sound Reinforcement System: 1 * MX2500II, 4 * D6563 for amplification and 1 * lifting microphone for each seat for speaking are configured in a conference room.

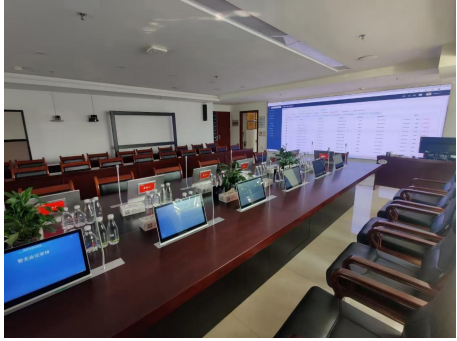
Paperless System: 1* Paperless Conference Terminal with tablet display is configured for each seat to attend properly and quickly. The participants can check in, view and edit conference materials, explain on the same screen of the terminals, and can save all the conference information on the host. It can also realize pre-conference check-in, inter-conference interaction and post-conference storage, **thus the whole conference can be paperless, saving and environmental-friendly, and the participants can experience a simpler and more convenient conference.**



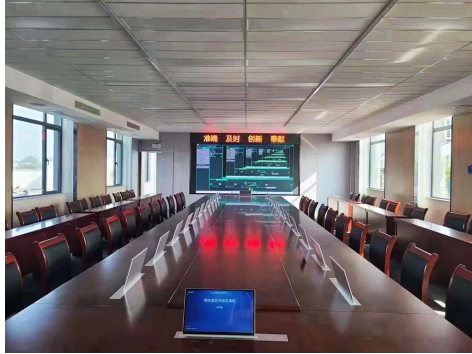
Product Configuration



Projects Gallery



Shanxi Eco-Cement Corp., Ltd



China Meteorology, Xiangshui County



Changsha Municipal Human Resources
and Social Security Bureau



Huadu Education
Bureau, Guangzhou



Zhangye People's
Government, Gansu



Qujiang District
Government, Zhejiang



Yuhang Traffic police Command
Center, Zhejiang



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