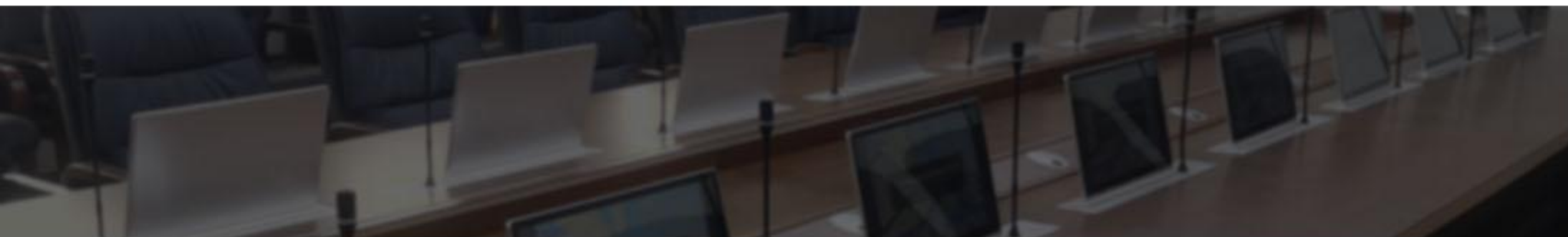




Development comes from innovation

– [www.gzgoge.com](http://www.gzgoge.com)



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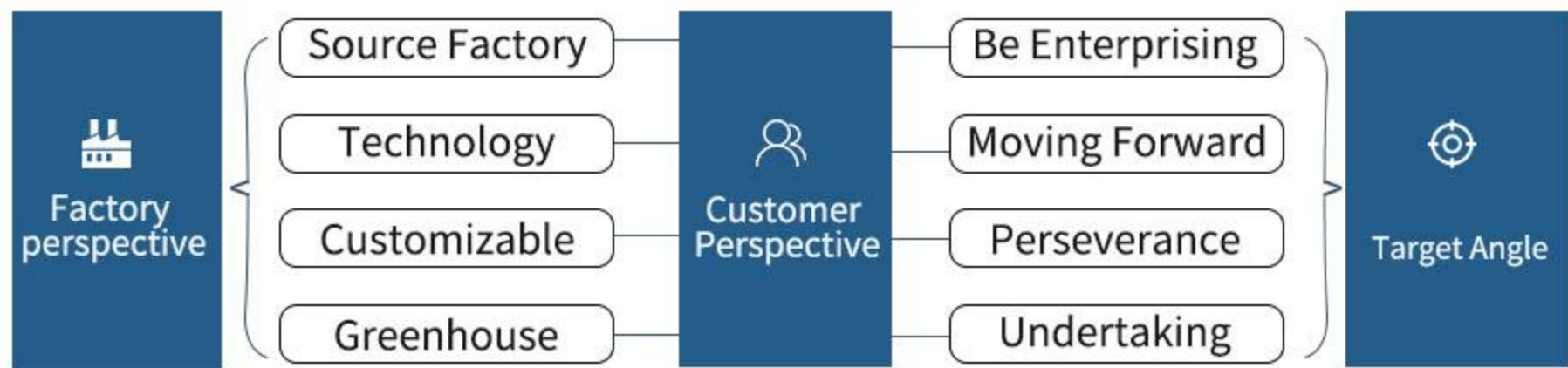


# COMPANY INTRODUCTION

Guangzhou Junnan Audiovisual Technology Co., Ltd. is an innovative industrial and trade enterprise specializing in paperless conference systems. The company integrates the research, development, production and maintenance of paperless central servers, paperless conference system software, ultra-thin LCD screen lifters, anti-pinch flippers, flip-up computer desks, hand-in-hand microphones, ink electronic table signs and multimedia sockets.



## ■ Leading service provider in the field of paperless conference systems



10<sup>+</sup>  
Year

Project Experience

100<sup>+</sup>

Patent Certificate

20<sup>+</sup>

Solution Services

10000<sup>+</sup>

10000+ Partners

## ■ Business Segments

- Service Consultation
- Design Consultation
- Customized Consulting
- Solution Consultation



## ○ Service Industry

Bank

School

Hospital

Government

Business Units



DEVELOPMENT  
COURSE

13  
Year

2011-2013  
Set sail for a bright future

In the early spring of the Xinmao year, Guangzhou Junnan Audiovisual Technology Co., Ltd. was established, officially entering the audio and video engineering industry, specializing in the production of conference audiovisual equipment such as LCD screen lifters, flippers, electronic display table signs and multimedia sockets

2014-2015  
Expanding the market

After several years of painstaking research and polishing technology, Junnan's ultra-thin LCD screen lifter and flipper were launched. The foreign trade department also began to bring products to foreign exhibitions to meet customers directly, further opening up the market for modern high-end office conferences. In the same year, the factory and office moved to the industrial park to keep pace with the continuous progress.

2016  
Focus on making progress

The leadership, engineering, factory and business departments worked together to develop and improve a paperless multimedia interactive conference system with the company's characteristics. At that time, we also dabbled in professional sound reinforcement systems, central control systems, splicing large-screen systems, remote video systems and other fields.



2017-2019  
Increase capital and expand factory

With the continuous increase in business volume, in order to better develop and grow, after increasing the registered capital, our company first moved the business department into the commercial office building at the subway entrance, and secondly, renovated the factory to increase the production line capacity. Hard work will inevitably bring hard work.

2020  
Ten years of accumulation

After ten years of precipitation and accumulation, we have now become a leader in the industry, able to produce and develop a variety of audio-visual equipment and undertake the design of various audio-visual projects, which has greatly offset the impact and achieved steady progress.

2021-2023  
Stay true to your original aspiration

Guangzhou Junnan Audiovisual has the strength and confidence to support and weather the storms together with customers from all over the world and in Europe, America and the Middle East. Let us work together to continue to move towards a new world of modern intelligent paperless conference, office and teaching.

2024-Present  
Stay the course

In 2024, Junnan withstood the pressure of the environment and moved to a stand-alone factory near Baiyun Airport. It introduced more advanced equipment, strictly controlled quality, and focused on the development of paperless conference systems.





## 2011-2024 Certificate of Honor

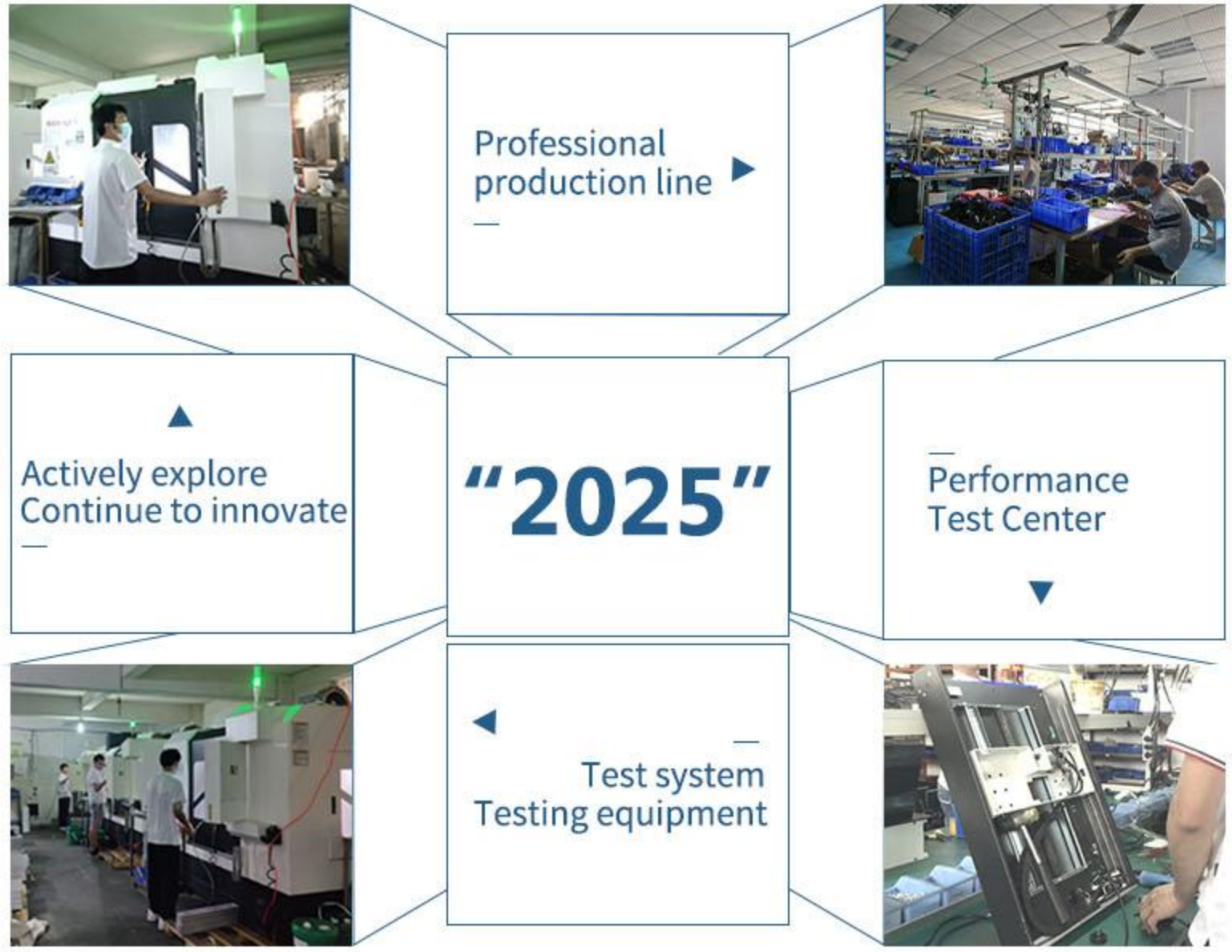
The certificate of honor is not the end, but a new starting point. We will cherish this honor, strictly demand ourselves with higher standards, and constantly improve our ability and quality. In the future work, we will continue to work hard, take on responsibilities, and strive to achieve greater goals.





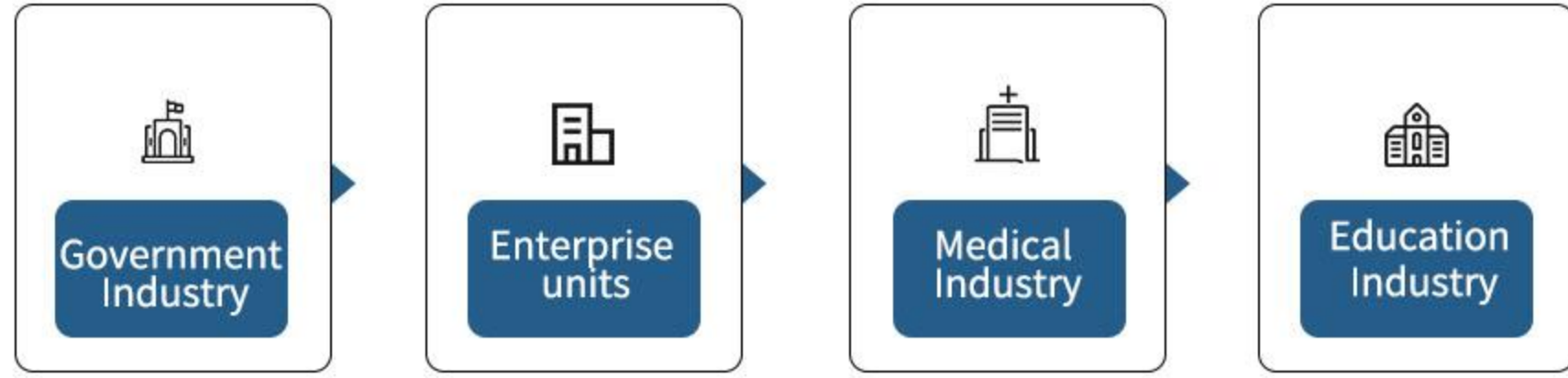
# ■ Junnan Audiovisual

## China Smart Manufacturing “2025”



Standing at the forefront of the times, we have firm beliefs and fearless courage. Every unknown field is a new continent waiting to be conquered. We will continue to move forward on the road of exploration with an indomitable spirit.

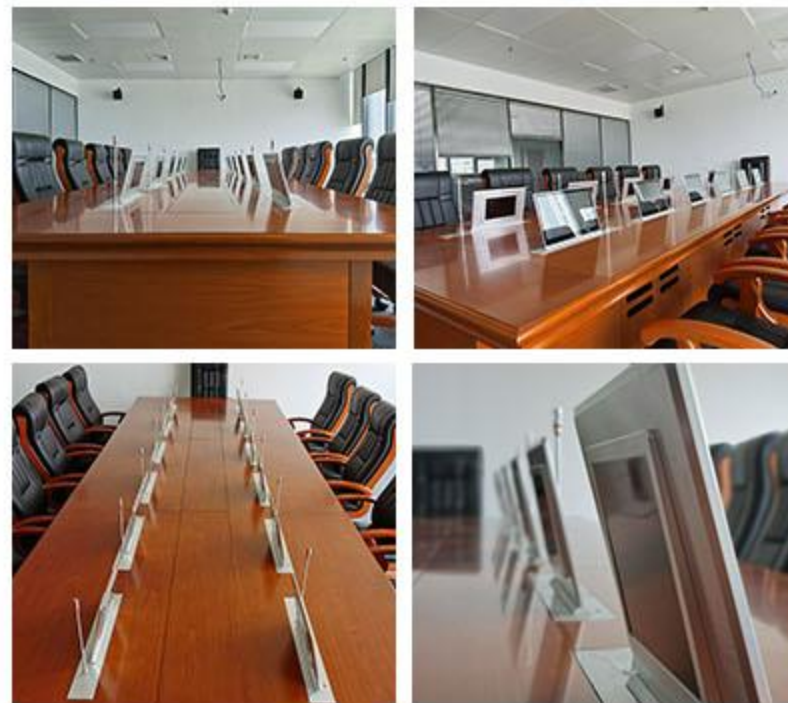
# ■ Product application scenarios



## Project Case 1

### A China Unicom 12-digit paperless

When the meeting starts, the LCD screen lifter automatically lifts the LCD screen for the meeting participants to use. After the meeting, the LCD screen lifter automatically hides the LCD screen to ensure that the desktop is neat and beautiful and the space of the desk is fully utilized.





# • JUNNAN ENGINEERING CASE



Case 1



Case 2



Case 3



Case 4



Case 5



Case 6



Case 10



Case 11



Case 12



Case 7



Case 8



Case 9



Case 13



Case 14



Case 15





Ultra-thin LCD  
screen lifter terminal



Ultra Slim with  
Back Screen Lifter Terminal



Ultra-thin screen  
half-flip rotator terminal



Ultra Slim with Mic Screen  
Face Up Flip-Flop Terminal



Terminal with  
mouse-keyboard flipper



Ultra-thin LCD  
screen lifter terminal

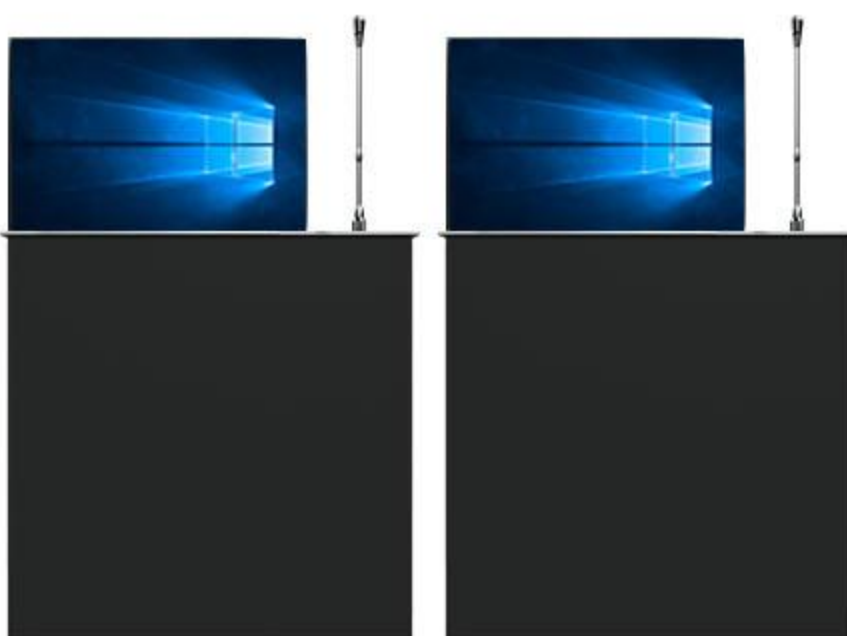
## Product Characteristics

| Norm               | parameters                                                                           |
|--------------------|--------------------------------------------------------------------------------------|
| Product Series:    | Paperless conference system series                                                   |
| Product Model:     | JN-15.6 JN-17.3 JN-18.5 JN-21.5 JN-23.8                                              |
| Product Material:  | High-grade aluminum drawing                                                          |
| Color Selection:   | black、silvery                                                                        |
| panel key:         | On/Off key/Toggle Key/Up key<br>Pause button/Down key                                |
| Chassis Interface: | Host switch/HDMI/VGA/Network Input<br>Output Interface/Data Transfer/Power interface |





## Ultra-thin terminal with microphone lifter



Ultra-thin terminal with microphone lifter (synchronous, asynchronous)

### Functional Features

- ◆ One button can make all devices rise or fall.
- ◆ Overall thickness of the screen <4.0mm
- ◆ LCD rising power supply, falling power off
- ◆ Automatic Straightening of Wheat Sticks
- ◆ Support buttons. Remote control. Centralized control software



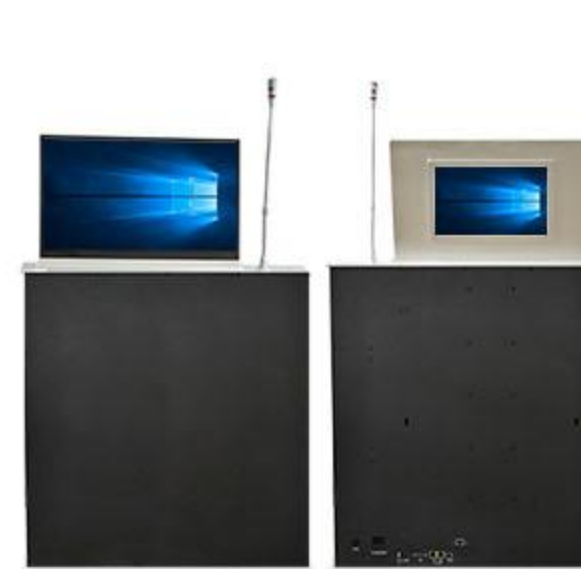
Detail 1



Detail 2



## Ultra-thin terminal with rear screen lifter



Ultra Slim with Back Screen Lifter Terminal



### Product Parameters

Can be customized upon request

| Product Model:        | JN-15.6-B                                                                 | JN-17.3-B           | JN-18.5-B          | JN-21.5-B           |
|-----------------------|---------------------------------------------------------------------------|---------------------|--------------------|---------------------|
| Microphone Functions: | Discussion (hand in hand connection) Discussion (hand in hand connection) |                     |                    |                     |
| Electronic backlight: | 10.1寸                                                                     | 10.1寸               | 10.1寸              | 10.1寸               |
| Screen size:          | 15.6寸(HD screen)                                                          | 17.3寸(HD screen)    | 18.5寸(HD screen)   | 21.5寸(HD screen)    |
| Display area:         | 344.16(W)x193.59(H)                                                       | 381.89(W)x214.81(H) | 409.8(W)x230.4(H)  | 476.64(W)x268.11(H) |
| Resolution:           | 1920x1080                                                                 | 1920x1080           | 1920x1080          | 1920x1080           |
| Screen ratio:         | 16:9                                                                      | 16:9                | 16:9               | 16:9                |
| Screen brightness:    | 250/m <sup>2</sup>                                                        | 250/m <sup>2</sup>  | 250/m <sup>2</sup> | 250/m <sup>2</sup>  |
| Panel size:           | 532*80*3mm                                                                | 570*80*3mm          | 610*80*3mm         | 680*80*3mm          |
| Chassis size:         | 515*75*630                                                                | 553*75*630mm        | 592*75*630mm       | 660*75*630mm        |





Terminal with mouse keyboard flipper

## Product Characteristics

### Norm parameters ◦ Can be customized upon request

Product range: Paperless Conference System Series

Product Model: JN-15.6F JN-17.3F JN-18.5F

Product Material: High-grade aluminum brushed

Color Selection: Silver、Black

Panel buttons: On/Off key/Toggle Key/Up key  
Pause button/Down key

Chassis interface: Host switch/HDMI/VGA/Network Input  
Output Interface/Data Transfer/Power interface



Detail 1



Detail 2

## Functional Features

- ◆ The flipper adopts a closed dustproof circuit design
- ◆ Support 232/485, remote control, manual control
- ◆ Panel with computer host switch, external USB port
- ◆ IPS full viewing angle screen, overall thickness <8.0mm
- ◆ LCD rising power supply, falling power off
- ◆ Can be centrally controlled by VITY, JUNNAN, AMX, centralized control system.



Screen Up Flipper Terminal

## Product Characteristics

### Norm parameters ◦ Support customization

Product Series: Paperless conference system series

Product Model: JN-15.6F-CS JN-17.3F-CS JN-18.5F-CS

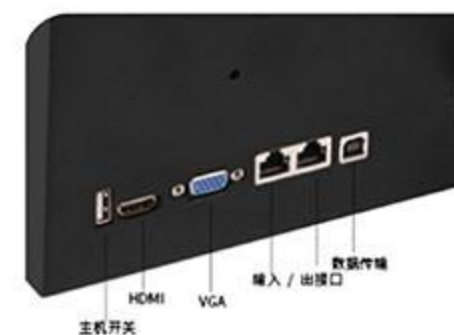
Product Material: High-grade aluminum drawing

Panel buttons: On/Off key/Toggle Key/Up key  
Pause button/Down key

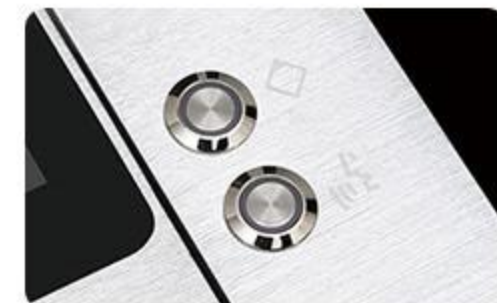
Chassis interface: Host switch/HDMI/VGA/Network Input  
Output Interface/Data Transfer/Power interface

## Functional Features

- ◆ No noise, low decibel
- ◆ Flip-flop panel with brushed finish
- ◆ Ultra-thin flipper with its own rise and fall button
- ◆ Newly upgraded structure, easy to flip without defects



Detail 1



Detail 2



Support customization



Source manufacturers



Lightning Delivery



Perfect service



## Ultra-thin screen half-flip rotator terminal >



Ultra-thin screen half-flip rotator terminal

### Product Characteristics

| Norm               | parameters                                                                           | Support customization |
|--------------------|--------------------------------------------------------------------------------------|-----------------------|
| Product Series:    | Paperless conference system series                                                   |                       |
| Product Model:     | JN-15.6F-BF JN-17.3F-BF JN-18.5F-BF                                                  |                       |
| Product Material:  | High-grade aluminum brushed                                                          |                       |
| Panel buttons:     | On/Off key/Toggle Key/Up key<br>Pause button/Down key                                |                       |
| Chassis interface: | Host switch/HDMI/VGA/Network Input<br>Output Interface/Data Transfer/Power interface |                       |

### Functional Features

- ◆ Support high definition HDMI, VGA input at the same time
- ◆ The screen automatically recognizes the signal
- ◆ Through the European Union CE certification, ROHS certification, CCC certification, ISO certification, etc.
- ◆ When two signals are input at the same time, it can be switched manually by the panel keys.
- ◆ Computer power on/off USB interface, central control interface input and output, power interface, data input



## Authoritative certification



RoHS  
Certification



EU CE  
Certification



Energy-saving  
Certification



ISO 9001  
Certification



CQC  
Certification



Patent  
Certificate

## Ultra-thin flip-up terminal with microphone >



Ultra-thin flip-up terminal with microphone

### Product Characteristics

| Norm               | parameters                                                                           | Can be customized upon request |
|--------------------|--------------------------------------------------------------------------------------|--------------------------------|
| Product range:     | Paperless Conference System Series                                                   |                                |
| Product Model:     | JN-15.6F-CS JN-17.3-FCS JN-18.5F-CS                                                  |                                |
| Product Material:  | High-grade aluminum brushed                                                          |                                |
| Color Selection:   | Silver, Black                                                                        |                                |
| Panel buttons:     | On/Off key/Toggle Key/Up key<br>Pause button/Down key                                |                                |
| Chassis interface: | Host switch/HDMI/VGA/Network Input<br>Output Interface/Data Transfer/Power interface |                                |





## Microphone Lifter



Microphone Lifter



Detail 1



Detail 2



Detail 3



Detail 4

### Product Parameters

Can be customized upon request

Product Name: Microphone Lifter

Chassis Dimensions: 120\*75\*670MM

Panel size: 136\*80\*3MM

Control distance: 50 meters

Operating Temperature: 0-75 degrees Celsius

Sensitivity:  $-44\text{dB} \pm 2\text{dB}$

Panel buttons: Rise, fall, speak indicator light

Mic rod length: 390mm

Reference speaking distance: 20-120cm

Frequency Response: 100Hz—16KHz

Microphone interface: Aviation 8-core interface, hand-in-hand connection

Chassis interface: Power interface, network [input and output interface] color: Black/Silver

Microphone Type: Unidirectional, pluggable microphone tube, hand-in-hand connection

## Ultra-thin lifter with array microphone



Ultra-thin lifter with array microphone

### Product Parameters

Can be customized upon request

Material: Aluminum

Color: Black/Silver

Process: Oxidation brushing or oxidation sandblasting

Product Name: Ultra-thin lifter with array microphone



Detail 1



Detail 2



Detail 3





## Liftable ink table sign



Liftable ink table sign



Scene 1



Scene 2



Scene 3

### Product Parameters

Can be customized upon request

Resolution: 880\*528      Product size: 209.2\*133.9\*35.2MM      Viewable area: 161.0\*96.0MM

Screen: 7.5-inch three-color electronic ink screen

Image transfer mode 1: Image transmission via NFC in the center of the display

## E-ink screen electronic table sign



E-ink screen electronic table sign

### Functional Features

- ◆ Double-sided 7.5" e-paper (black, white, red)
- ◆ Ultra-long standby time, two dry batteries can be used for one year
- ◆ 180° full viewing angle, non-reflective, visible in sunlight
- ◆ Mobile phones can directly update participant information
- ◆ Maximum size: 200\*135\*36MM
- ◆ Update method: NFC update + Bluetooth update

### Product Parameters

Can be customized upon request

Screen resolution: 880\*528 (dual screen)      NFC solution: NFC enabled phone + phone APK

Screen size: 7.5" e-paper (black, white, red)      Configuration quantity: Batch edit information

Transmission method: ANDROID NFC or Bluetooth      NFC solution: (Single modification)

NFC solution: Configure on demand, any combination, single unit modification      Battery life: One year



Liftable LCD table

### Product Parameters

Can be customized upon request

Display: 7 inches (IPS full viewing angle)      Equipment power: <25W

Resolution: 1024\*600      Power Input: AC 220V      Touch: Not supported

Packing List: One machine, one power cord      Dual screen angle: 2.5°

Batch accessories: A remote control      Riser Panel Dimensions: 234\*80\*3mm

Machine material and processing: All-aluminum chassis, brushed oxide black

Screen surface treatment: Sandblasted black, silver + tempered glass





## Paperless system

The paperless office conference system is a paperless conference system tailored for government agencies, enterprises, institutions and large group companies. It provides participants with an extremely convenient and practical conference platform, and is a new conference mode with the ultimate goal of reducing conference costs, improving conference efficiency, ensuring conference security and improving conference quality.

The paperless conference terminal provides powerful conference application functions, including: conference file upload, conference agenda, text communication, agenda document viewing and annotation, conference sign-in, voting, electronic whiteboard, demonstration follow-up, tea service, meeting minutes, one-click screen sharing, large-screen display, etc.; it has the characteristics of rich functions, simple and intuitive interface, convenient operation, stable and reliable.



Strong security



Easy to manage and maintain



Easy to operate



Environmental protection and conservation



## Paperless system classification

**WELCOME LEADERS**  
COME AND WELCOME TO GUIDE THE WORK

DEMONSTRATION MEETING

ADMINISTRATOR

CHAIRMAN

GENERAL MANAGER



windows  
Paperless system



Android  
Paperless system





Paperless meeting software

## Paperless meeting software

The system supports the simultaneous management of multiple conference rooms and multiple meetings. Through visual page interaction, it makes meeting reservations, meeting configuration, agenda setting, and seating preset operations more efficient, improves the efficiency of creating and configuring paperless meetings, and enhances the ability of information exchange, data management during meetings, post-meeting data archiving, and secure data backup. It has conference management capabilities and can be used directly when expanded to ordinary conference rooms without repeated construction.

### Functional Features

- ◆ The conference display screen supports custom background images and customized services.
- ◆ Conference attendance notifications support multiple channels including phone, SMS, email, DingTalk, and WeChat.
- ◆ The server can configure and store no less than 50,000 users.
- ◆ The number of users supported for importing at a single time is no less than 10,000.
- ◆ Supports the configuration of no less than 50 welcome interfaces and electronic table signs.
- ◆ Supports concurrent management and conferencing of no less than 50 conference rooms and no less than 500 conference terminals
- ◆ The management software supports uploading 5GB of video data.
- ◆ Resource download supports 5 million concurrent visits and response within seconds.



Party sign-in interface



Software login interface

- ① **Smart sign-in:** Enter the paperless conference system terminal, enter the meeting and sign in with one click, and the sign-in information will be automatically summarized and stored by the background host.
- ② **Meeting information:** After the participants sign in, the basic information of the meeting will be highlighted, and the main meeting information can be seen, including meeting title, meeting time, meeting agenda, etc.
- ③ **Meeting Attendance:** Summarize the attendees' check-in information and adopt a variety of display methods to display the check-in status with intuitive data pie charts, while displaying the check-in
- ④ **Meeting minutes:** Participants can use the meeting minutes module to record what they need. They can flexibly use text input and whiteboard drawing to record important meeting information. The whiteboard drawing mode supports a variety of drawing tools and can be edited, modified, deleted, and saved locally.
- ⑤ **Demonstration follow:** During the meeting, if participants are invited to the same screen, any paperless conference terminal can choose asynchronous browsing, temporarily exit the same-screen broadcast and enter other system functions, and then quickly enter the same-screen broadcast state with one-click tracking through the demonstration follow module.
- ⑥ **Voting:** The voting function is a function for voting and elections during the meeting. The meeting host needs to initiate the vote, and the participants can choose to vote, and choose (real name), (anonymous), (abstain) options, saying goodbye to traditional voting. After the voting is completed, the participants can see the voting results, and the list of voters can be viewed for non-anonymous voting.
- ⑦ **Electronic whiteboard:** supports personal and interactive use, supports multiple people to write and draw on the same whiteboard at the same time, supports synchronous drawing on the whiteboard, facilitates direct discussion on the whiteboard, supports a variety of drawing tools, such as brushes, straight lines, circles, rectangles, etc., and is optimized for touch screen operations for ease of use.
- ⑧ **Tea service:** During the meeting, participants can call service personnel through the conference system to provide tea, paper, customized services, etc. without saying a word. Service personnel
- ⑨ **Text communication:** supports handwriting and keyboard input modes, supports single chat and group chat, supports real-time display of sent and received information, supports message reply, chat record storage, etc.





## Windows Paperless System

### Functional Features

- Ranking system:** This system is an important part of the conference system. This system is based on information technology and display technology platform and adopts an automated mode.
- Sign-in system:** The electronic sign-in system needs to be able to sign in quickly with one touch and record automatically. The system provides the function of automatic snapshot, sign-in status statistics and query, and the statistical results can be directly exported as an Excel file
- File distribution system:** Pre-set files or temporarily added files can be instantly distributed to each participant through the server. The system also sets strict file distribution permissions, which can easily set each participant's permissions to read, export, and view files.
- Annotation system:** maximizes the handwritten conference experience of participants, allowing each participant to annotate and modify on the paperless conference terminal just like on paper documents
- Voting system:** You can set up and add voting content and voting methods at any time, and instantly count them in charts. The server displays the voting results on the big screen in real time.
- Video synchronous live broadcast system:** Synchronizes the HD video signals of various HD video signal sources in the conference room (including HD cameras, Blu-ray DVDs, HD video conferencing terminals, HD set-top boxes, etc.) to each conference terminal



## Tablet Android Paperless System

### Functional Features

- ◆ The management software supports uploading 5GB of video data.
- ◆ Supports configuration of no less than 50 conference announcement templates.
- ◆ Resource download supports 5 million concurrent accesses and responds in seconds.
- ◆ Supports the configuration of no less than 50 welcome interfaces and electronic table signs.
- ◆ The management software supports uploading more than 500 pages of meeting materials such as Office and PDF documents.



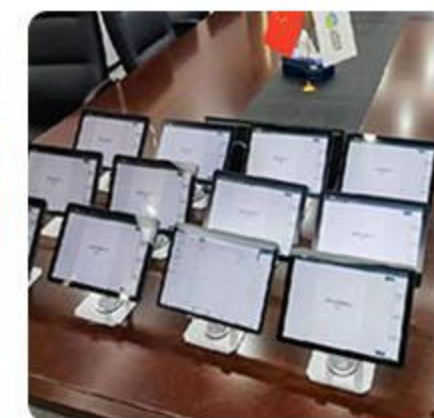
Case 1



Case 2



Case 3



Case 4





## Windows Paperless Central Server

### Features

- ① Support Intel Core I3/I5/I7
- ② Integrated Intel HD Graphics core graphics card
- ③ Intel xeon E3 full series CPU supports multiple PCI/ PCIE expansion
- ④ A+ industrial-grade LCD screen, pull-out integrated keyboard and mouse
- ⑤ Supports full range of industrial boards including MINI-ITX, Micro-ATX, ATX, etc.



## Windows Paperless Central Server

### Product Parameters

Can be customized upon request

power supply: ATX wide voltage power supply (AC220-240V~/47-63Hz/3.5A) Support system: Windows7/8.1/10

Chipset: Using Intel H310 chipset Front I/O interface: USB2.0 interface Product Size : 450\*483\*450(LxWxH)

processor: I5 9400 2.9GHZ Support LGA1151 Intel Core i3/i5/i7/Celeron/Pentium processor Display screen: 10.1寸

harddisk: IT mechanical hard disk 4\*SATA3.0 hard disk interface, transmission speed 6Gbps.Supports RAID 0/1/5

Memory: VGA interface, resolution is 1920X1200@60Hz 1\*HDMI interface, the highest resolution is 4096x2304@60Hz





## Windows paperless conference terminal

| Product Parameters                                                                          |                                             | Machine weight: 1.2KG          | ○ Can be customized upon request |
|---------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|----------------------------------|
| CPU Model: Intel CORE i5 processor                                                          | WIFI: Built-in 300M wireless                | Memory: 8GB DDR3 RAM           |                                  |
| Gigabit wired network card: 1000Mbps Ethernet card                                          | Chipset: Intel HM65                         | Display core: IntelHD Graphics |                                  |
| Calculation method: Support 64-bit computing                                                | Support: Optional 2-in-1 bracket/wall mount |                                |                                  |
| Backend interface: Power interface, VGA interface, HDMI high-definition interface, USB port |                                             |                                |                                  |



## Streaming Codecs

| Product Parameters                              |                                                               | ○ Can be customized upon request |
|-------------------------------------------------|---------------------------------------------------------------|----------------------------------|
| Power supply: DC12V/2A                          | Video Input: HDMI1.4x1.4K@30                                  | IO: 5V@60mA                      |
| USB interface: USBtype-Ax3                      | Video Output: HDMI1.4x1.4K@30                                 | Encoding: H.264/H.265/JPE        |
| Work Environment: 0°C-40°C                      | Serial Port: RS-232x1, RS-485x1                               | Decoding: H.264/H.265/JPEG       |
| Relay: 12V@1A weak current relay                | Video loop out: Share HDM with video output, hard loop output |                                  |
| Network: RJ45 x1, 1000MBase-T; 1G optical fiber | Function: Adjustable resolution, audio mode                   |                                  |

### Functional Features

A power cord and a manual

Mounting accessories

- ◆ Network distributed architecture, any unit failure will not affect system operation
- ◆ Support 1080P@60fps/4K@30fps, H.265 hardware real-time encoding and decoding, backward compatible with H.264;
- ◆ Support 4K30Hz video output, decoding supports 1 channel 4K30/4 channels 1080P60
- ◆ With custom bit rate adjustment to adapt to different bandwidth environments
- ◆ High-performance image processing unit, the delay from input to output does not exceed 50ms
- ◆ Support voice keyword control; voice control function software docking
- ◆ Supports docking with network camera access software and is compatible with network cameras of various brands
- ◆ Supports multi-screen splicing, screen overlay, roaming, arbitrary zooming, plan management and other functions



## Speech transcription system

Speech transcription technology is based on natural language processing technology, which converts natural language into text output. It can quickly and accurately transcribe the speech content of participants into text content in real time. It supports exporting transcription results in different formats, including common document formats such as txt and doc, common audio formats such as mp3, and data exchange formats such as json..



Interface 1



Interface 2



Interface 3



Interface 4

### Functional Features

- ◆ Supports exporting in Word format according to the meeting minutes template.
- ◆ It supports downloading the transcribed files one by one, or downloading all of them with one
- ◆ The speech transcription system supports real-time editing and text content layout and display.
- ◆ Supports encrypted data transmission throughout the entire process
- ◆ Automatically upload meeting materials to the conference management system after 5 seconds
- ◆ 98% speech recognition accuracy, no less than 95% in speeches and formal meetings
- ◆ Support conference recording function, the system automatically records the conference audio
- ◆ Provide intelligent segmentation and punctuation prediction
- ◆ Supports high-speed speech recognition, with real-time transcription speed  $\leq 200$  milliseconds.
- ◆ Supports 10 languages and dialects worldwide, including real-time translation and transcription of Chinese, English, Japanese, Korean, French, Spanish, Russian, Cantonese, Vietnamese, and Arabic
- ◆ The conference secretary is supported to edit and modify the transcribed content, including font size, font type, bold, italic, underline, strikethrough, text color, background color, clear format, modify, save and other functions.



JN-OVTS851



JN-OVTS891

### Functional Features

- ◆ With ultra-high resolution base map function
- ◆ Support serial port control and third-party control
- ◆ Support seamless connection with speech transcription system
- ◆ Supports accurate synthesis of subtitles and audio
- ◆ Support POE and external power supply dual power supply mode

### Functional Features

- ◆ Support multiple languages and dialects recognition and subtitle display
- ◆ Supports two output modes: document mode and subtitle mode
- ◆ Support custom bit rate adjustment to adapt to different bandwidth environments
- ◆ Support multiple subtitle styles, such as font, color, size, etc.
- ◆ Built-in high-performance image processing unit, input to output delay does not exceed 70ms

### Product Parameters

○ Customized according to customer requirements

Product Model: JN-OVTS851

IR: I/O Sharing

Serial Port: RS-232, RS-485

USB interface: USB type-A

IO: 5V@60mA

Network: RJ45, 1000MBASE-T; 1G optical fiber

Subtitle conversion rate:  $\leq 200$  ms

Audio Interface: 3.5mm audio input and output

Relay: 12V@1A weak current relay

power supply: 2.1/5.5 single core power socket

Decoding performance: 4K@30 / 1080P@60 / 960×540@30

Encoding performance: 4K@30 + 1080P@30



## Real-time speech transcription system



Domestic offline all-in-one machine  
(Voiceprint recognition is not supported)

Offline All-in-one Machine  
(Voiceprint recognition can be added)

### Functional Features

- ◆ Support voiceprint recognition to achieve automatic role separation
- ◆ Chinese speech recognition (standard Mandarin) accuracy: [standard test set](#)  $\geq 98.5\%$
- ◆ The system automatically records the live audio of the meeting, making it convenient for the recorder to listen back to the recording.
- ◆ [Real-time speech recognition, 16kHz/8kHz sampling rate, 16-bit bit depth, single-channel audio](#)
- ◆ Automatically transcribe and record the participant's speech on the operation page.
- ◆ Top-notch speech transcription technology, real-time speech transcription speed  $\leq 200$  milliseconds.
- ◆ [Sensitive word filtering: You can configure sensitive words to block, mark or delete sensitive words.](#)
- ◆ [Supports Mandarin Chinese, English, and Chinese-English hybrid.](#) The Chinese-English hybrid engine can switch freely between Chinese and English contexts.
- ◆ [Adapt to domestic operating systems such as Kylin, Zhongbiao Kylin, Tongxin, etc. Compatible with domestic chips such as Feiteng, Zhaoxin, Kunpeng, and Haiguang.](#)

| Product Parameters                                     | Support customization  |
|--------------------------------------------------------|------------------------|
| Product Model: JN-OVTS-KYLIN                           | Memory capacity: 16GB  |
| CPU: Feiteng D2000/8 core                              | Harddisk: SSD 512G     |
| power supply: AC~220V/50Hz                             | Video interface: HDMI1 |
| Support 724 hours of uninterrupted use                 |                        |
| Audio Interface: 3.5mm audio input, 3.5mm audio output |                        |

| Product Parameters                                      | Support customization  |
|---------------------------------------------------------|------------------------|
| Product Model: JN-OVTS                                  | Memory capacity: 16GB  |
| Harddisk: SSD 512G                                      | Video interface: HDMI1 |
| power supply: AC~220V/50Hz                              | 2U rack server         |
| CPU: Intel I7-8700 Hexa-core, 3.20 GHz                  |                        |
| Audio Interface: 3.5mm audio input , 3.5mm audio output |                        |

## Real-time speech transcription system



JN-MonitorCOM485  
(485 serial port server)

### Product Parameters

Operating humidity: 5%~95%RH (no condensation)

Serial port baud rate: 600-230.4k(bps)

Specification: 73.2 \* 70.0 \* 25.0 mm

Network Protocol: IP、TCP/UDP、ARP、ICMP、IPV4、HTTP

TCP Server Connection: Supports up to 16 TCP connections (customizable)

Working Mode: TCP Server/TCP Client/UDP Server/UDP Client/HttpClient

Data bits: 5、6、7、8、None、Odd、Even、Mark、Space

Network port: RJ45, 10/100Mbps, crossover and direct connection, adaptive

### Support customization

Network Cache: Send 6Kbyte; Receive 6Kbyte

Protection level: EMC 2级

Operating Temperature: -40~85°C

How to obtain IP: Static IP, DHCP

Average transmission delay: <10ms

Installation method: Ear-mounted installation

Voltage and current: DC5.0~7.0V, 97mA

Number of serial ports: RS485\*1 (3P terminal)

Material: Copper Alloy



3.5mm to 6.5mm  
Audio adapter

### Product Parameters

Packing size: 142\*84mm Weight including packaging: 18g

Net weight: 15g Model: AV168

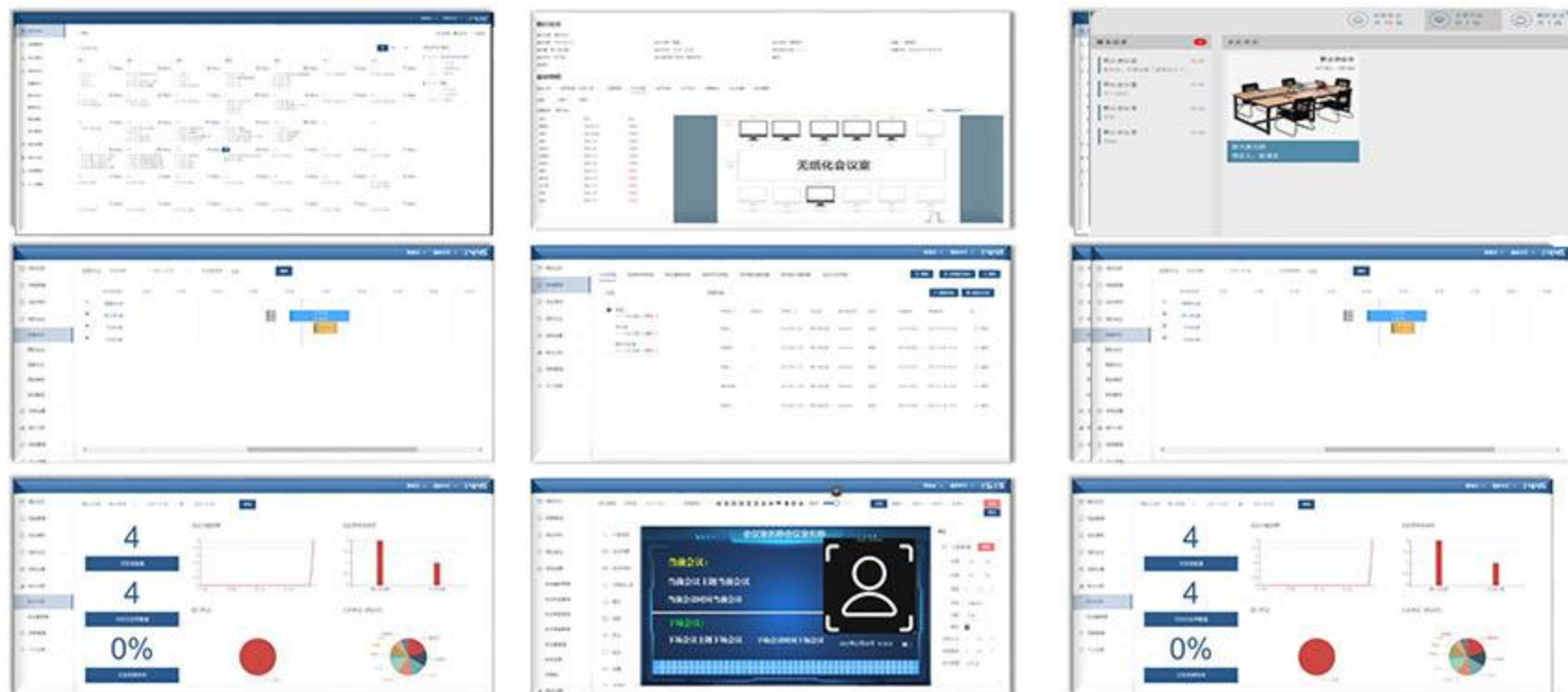
Size without packaging: 50.2mm\*9.2mm

Product Name: 3.5 to 6.5 audio adapter

### Support customization



## Conference Management System

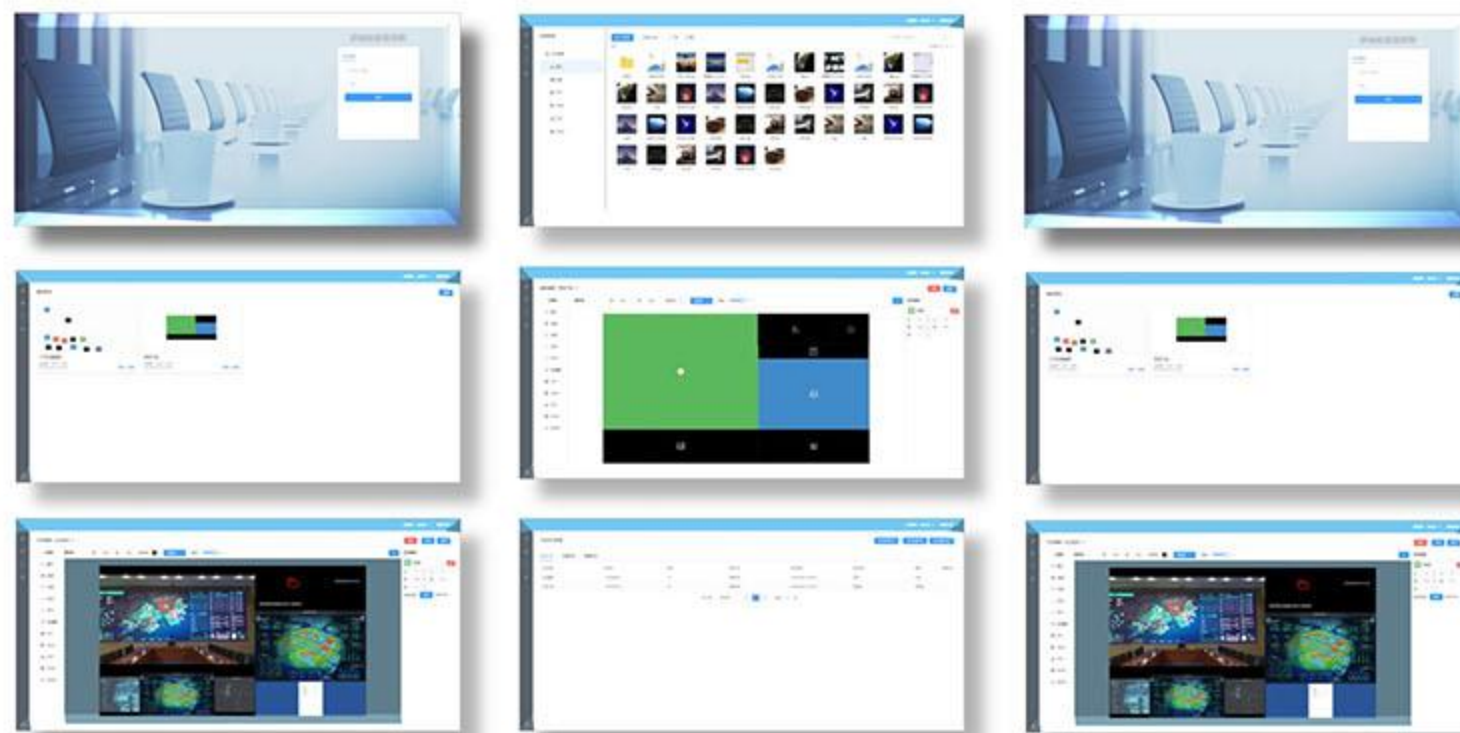


### Functional Features

- ◆ The management software supports uploading 5GB of video data.
- ◆ Supports configuration of no less than 50 conference announcement templates.
- ◆ Conference equipment linkage control, can control the central control or equipment linkage
- ◆ The conference display screen supports custom background images and customized services.
- ◆ The management software supports uploading more than 500 pages of meeting materials such as Office and PDF documents.
- ◆ Supports management and conferencing of more than 50 conference rooms and more than 500 conference terminals.

The service application of the conference management system realizes conference applications such as pre-conference reservation and post-conference information sharing. The system supports the simultaneous management of multiple conference rooms and multiple meetings, and makes conference reservation, conference configuration, topic setting, and seat preset operations more efficient through visual page interaction.

## Multimedia Information Publishing System



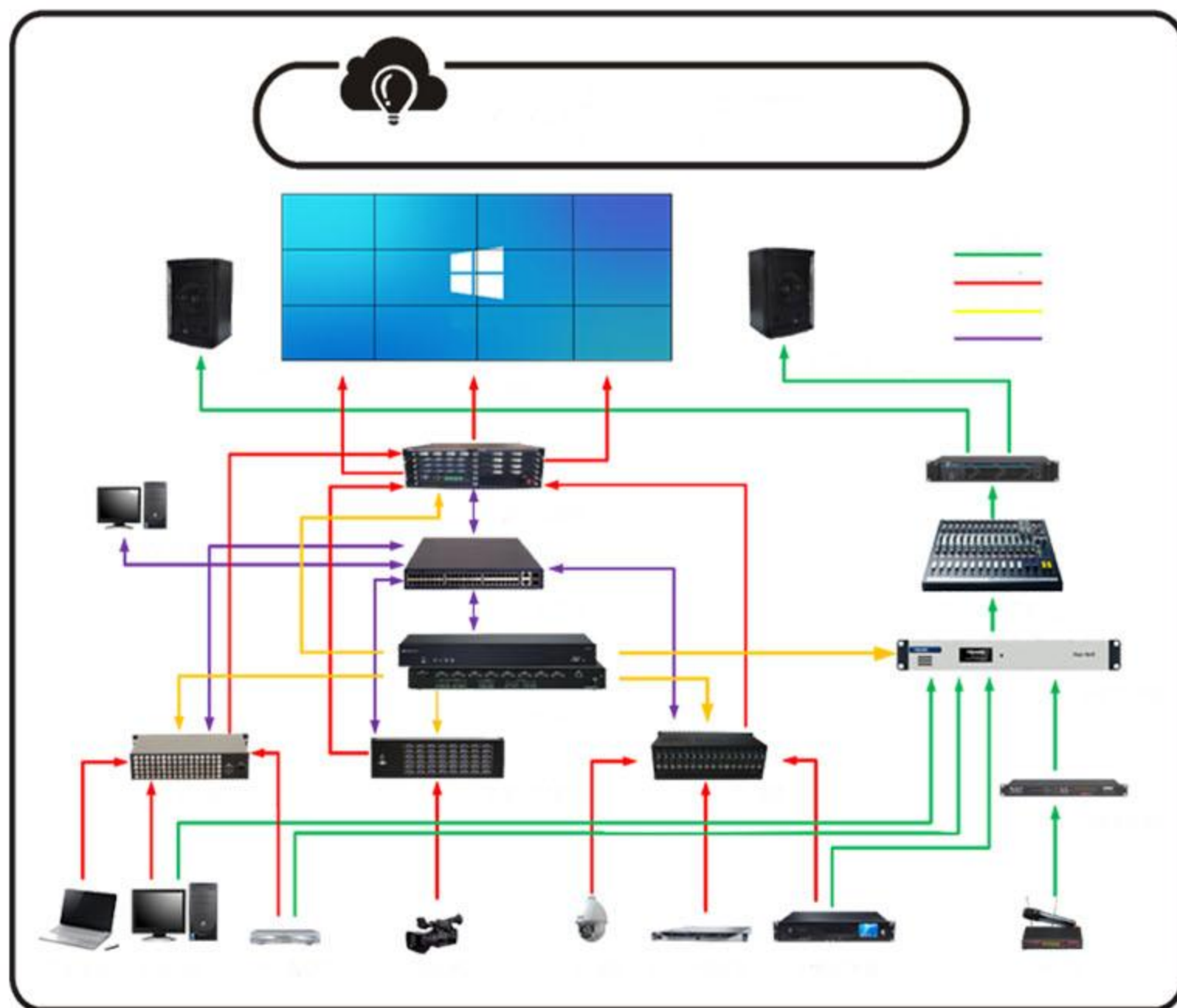
### Functional Features

- ◆ Can support customized development of customer-specific needs
- ◆ It can be integrated with the company's conference management system, paperless conference system, and large-screen distributed system to provide an integrated solution
- ◆ Compatible with Android and Windows platforms, and applicable to multiple types of display
- ◆ Supports images, videos, backgrounds, Office documents, PDF documents, subtitles, streaming videos and other materials.
- ◆ Supports program template definition and releases various program types including regular programs, carousel programs, and insert programs.
- ◆ Automatically scan networked terminals, monitor terminal online status and IP, and customize terminal groups and names for easy management
- ◆ Classification management of program resources and visual editing of program production

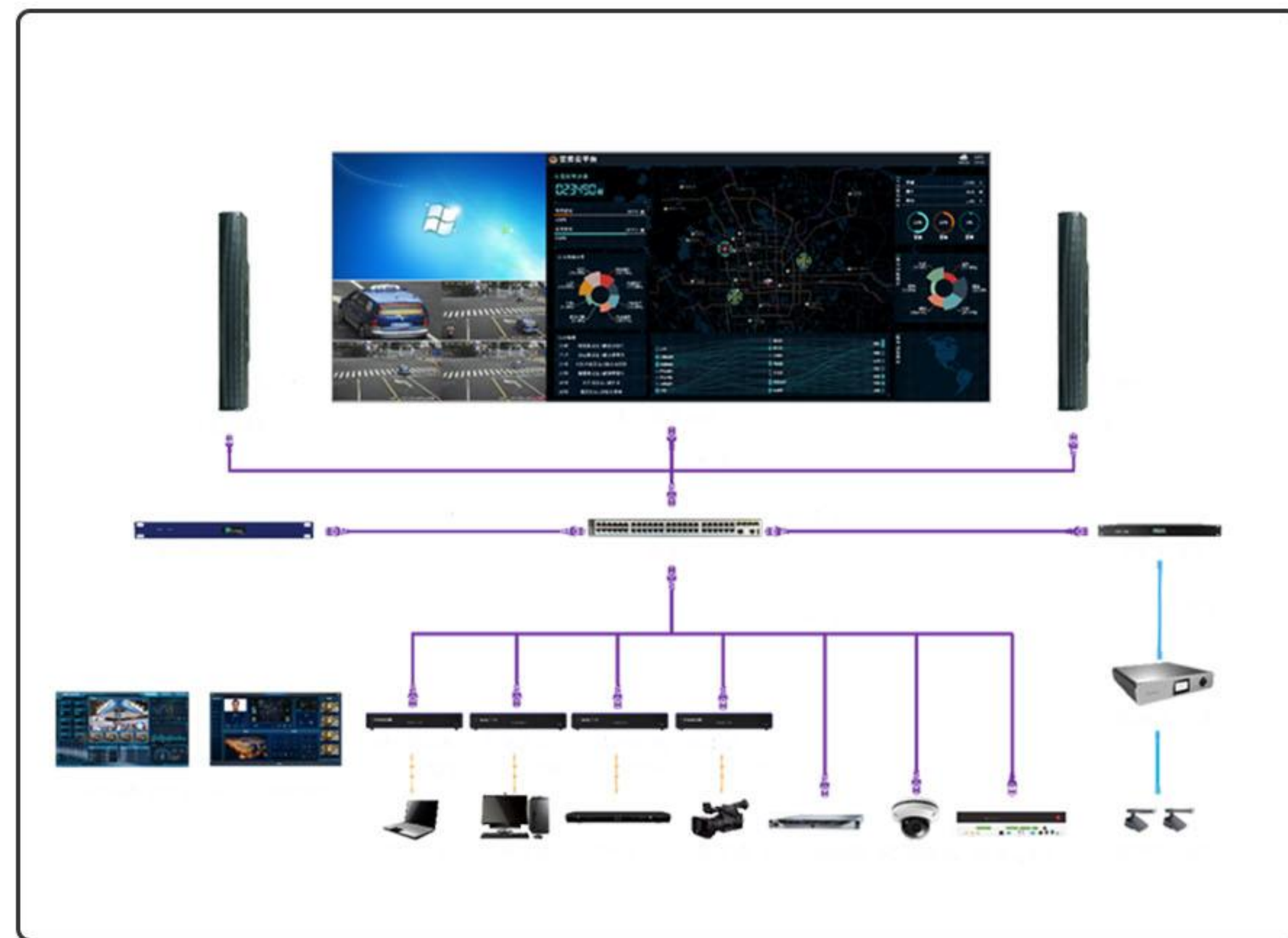
The system management center includes all management functions of the system, including resource management, terminal management, program management, user management, etc.



# Distributed Control Systems



The system is easy to connect and maintain.



Node  
independence



Discrete  
deployment



Unlimited  
expansion



Decentralization





TR710

### Functional Features

- ◆ Equipped with input and output switch
- ◆ LCD/LED splicing super synchronization
- ◆ Resolution supports 800x600~1920X1080
- ◆ Support serial port control and third-party
- ◆ Support serial port control and third-party



TR810

### Functional Features

- ◆ Support setting ultra-high-definition picture basemap
- ◆ Support static/dynamic subtitle overlay function
- ◆ Support 1080P@60fps /4K@30fps
- ◆ Supports multi-screen splicing, screen overlay, roaming, plan management and other functions

### Visual control platform



Source Preview

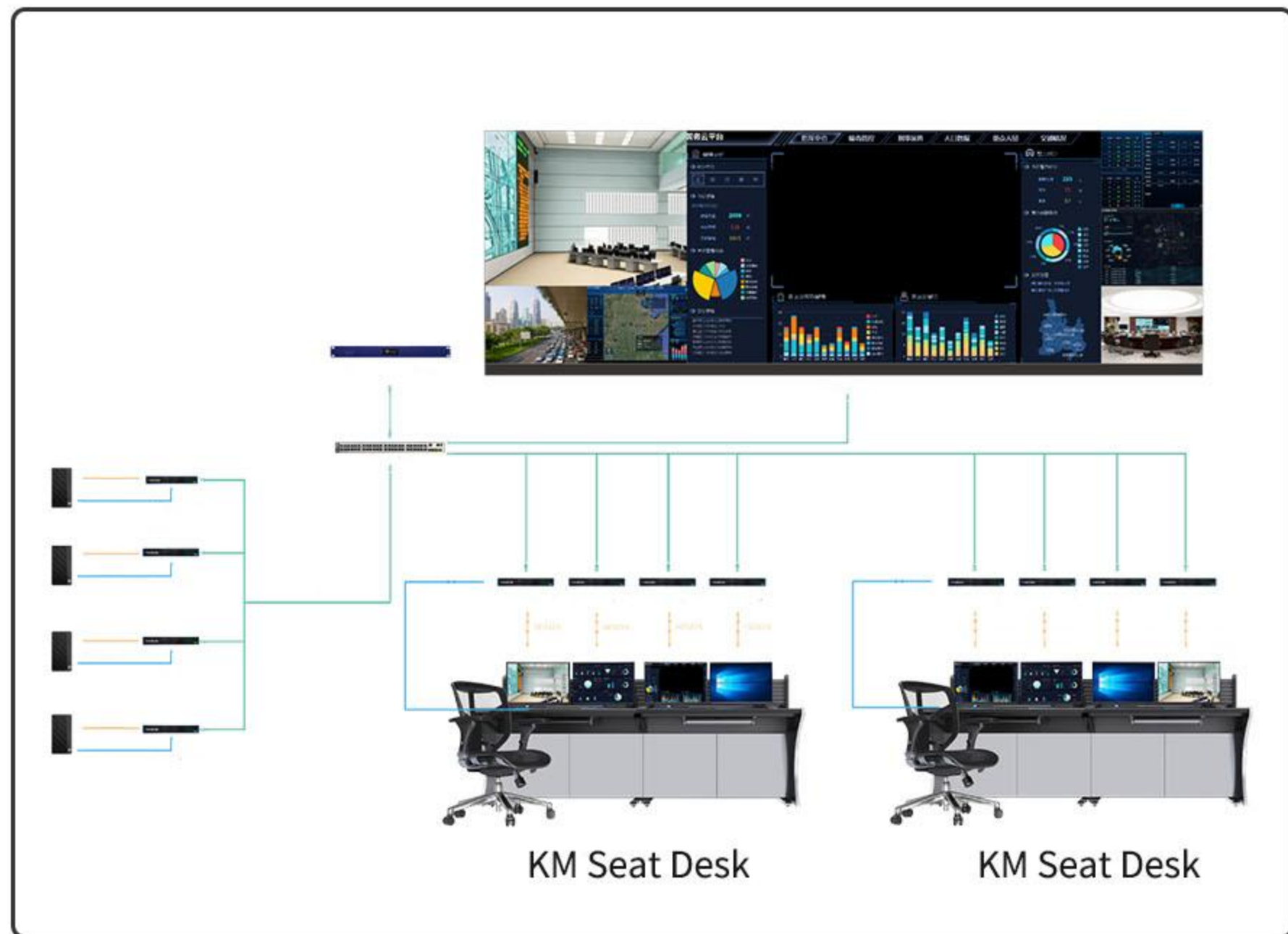
Touch operation

Smart Plan

Multi-system support

Environmental Control

Window management



KM Seat Desk

KM Seat Desk

Multi-machine operation

Keyboard mouse roaming

Permission Management

OSD Switching

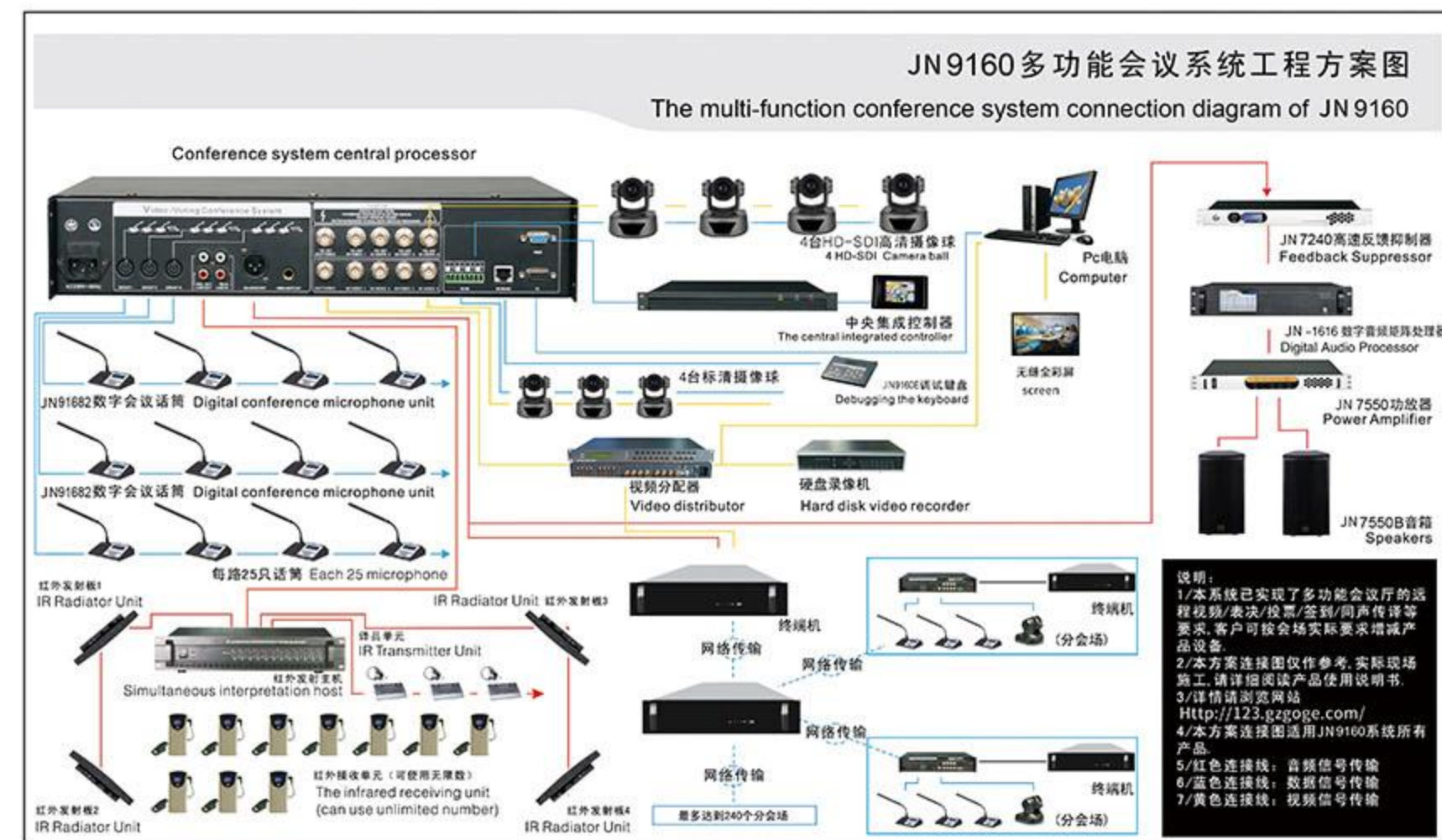




## Sound Reinforcement System Series

Sound reinforcement sound system is also known as professional sound system. There is a misunderstanding in the community that the sound reinforcement system is very simple, as long as the microphone (and other sound sources), mixing consoles, amplifiers and speaker boxes connected together to form a sound reinforcement project. This understanding has caused many owners to invest a lot of money, can get the language sound reinforcement effect is the sound fuzzy, feedback whistling interference so that the sound can not be opened up, the music replay sound quality variations in the listening to the tasteless.

## Multifunctional conference system program



Microphone management operation interface



Video tracking operation interface



Voting operation interface



## Five-channel digital amplifier



Five-channel digital amplifier

### Functional Features

- ◆ Deep low-frequency dive, balanced midrange, wide high-frequency extension
- ◆ Supporting K7550B conference dedicated speaker
- ◆ Ceiling hanging installation or single wall installation
- ◆ Low distortion, wide frequency response, and maximum vocal reproduction design

### Product Parameters

Output(8Ω、1kHz): 5x150W

Input Impedance: 10kΩ(Electronically balanced)

size: 483x45x555(mm)

Input sensitivity: +4dB\*(1.23V)

Power consumption1/8: 500W

### Can be customized upon request

Total Distortion: 1%(8Ω、150W时)

Supply voltage: AC220~240V、50/60Hz

Frequency Response: 20Hz~20kHz±3dB

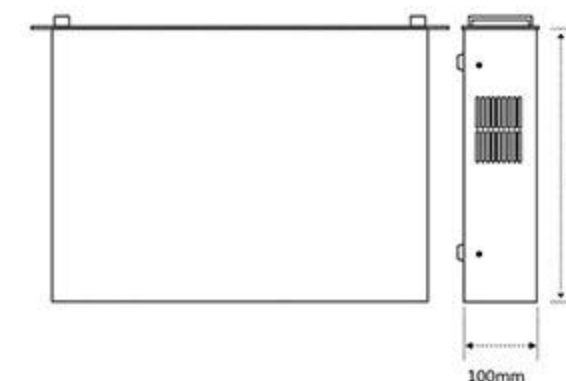
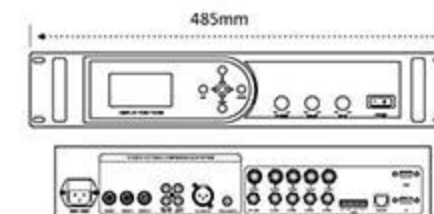
Signal-to-Noise Ratio/S/N: >80dB

net weight: 18.50kg

## Video conferencing system CPU



Video conferencing system CPU



### Functional Features

- ◆ Electronic sign-in/voting/election/scoring functions
- ◆ Data communication interface: RS-485, RS-232, RS-232/RX, RJ45
- ◆ The control panel uses an LCD screen display system to work.
- ◆ Restricted mode/First-in-first-out mode/Fully open mode/Chairman priority
- ◆ Central processor can connect 60 microphones and expand 250 microphone units

### Product Parameters

LINE: 200Q

Voltage: AC220V+10% 50Hz

Output Impedance: REC:200Q

Display viewing area size: 70.7X38.8mm(128X64)

Dimensions (W\*H\*D): 485X340X88mm(2U)

### Can be customized upon request

BALANCE: 300Q

Weight: 12.7kg

NOBALANCE: 400Q

Frequency Response: 20Hz-20KHz

Signal-to-Noise Ratio: 78dB(1KHzTHD1%)



## Sound Reinforcement System-Microphone

### Functional Features

- ◆ Ultra-long life, **noiseless flick switches**
- ◆ work indicator glows when the microphone is turned
- ◆ First-in, first-out/all-open/chair mode/restricted speaking
- ◆ The chairperson's module can be closed at any time without any restriction on the delegate's module.
- ◆ Comes with a **3-meter T-shaped cable**, greatly reducing the interference of electromagnetic waves on the cable
- ◆ Built-in high-fidelity condenser sound head, making the sound reproduction better, clearer and less noisy
- ◆ Built-in single-chip control circuit to realize digital management, **high-speed PTZ camera ball automatic tracking shooting**

### Functional Features

- ◆ The chairman unit is not subject to any restrictions and has priority in speaking
- ◆ Embedded installation. Detachable microphone, environmentally friendly low power consumption sealed touch sensor switch, low noise.
- ◆ The unit comes with a **2-meter 8-core aluminum foil mesh shielded connecting cable**
- ◆ Built-in single chip control circuit, high-speed pan-tilt camera ball automatic tracking shooting
- ◆ When the microphone is turned on, the working indicator light lights up, and the switch button and logo change to the working mode color.



Video voting  
(JN-168C Chairman's Unit)

#### DETAILS OF BASE



Rear SIDE



The panel thickness:3mm  
Desktop hole size:111X40mm

Videovoting  
(JN-91632 Chairman's Unit)

## Sound Reinforcement System-Microphone



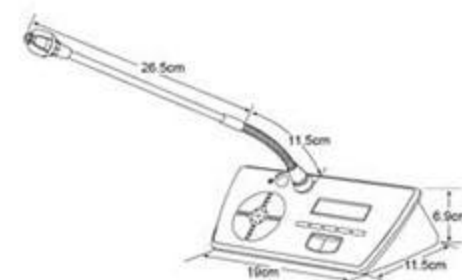
Video Voting  
(JN-168C Chairman Unit)



Video Voting  
(JN-91682 Chairman Unit)

### Functional Features

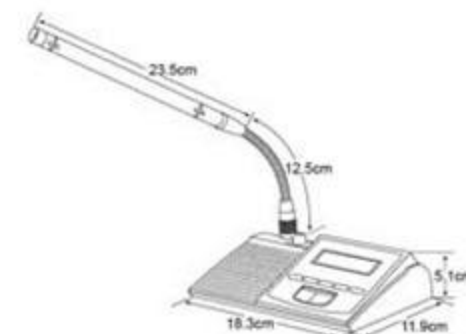
- ◆ The chairman unit can temporarily cut off the speech of the representative unit at any time.
- ◆ Built-in high-fidelity speakers are used to amplify the conference room sound and play music.
- ◆ "First in, first out", "fully open", "chairman mode", and "restricted" speaking modes.
- ◆ The unit comes with 2m and 3m T-shaped 8-core aluminum foil mesh shielded connecting wire.
- ◆ There is no restriction on the connection position, and the line can be connected in series at any position.



#### DETAILS OF BASE



REAR SIDE



#### DETAILS OF BASE



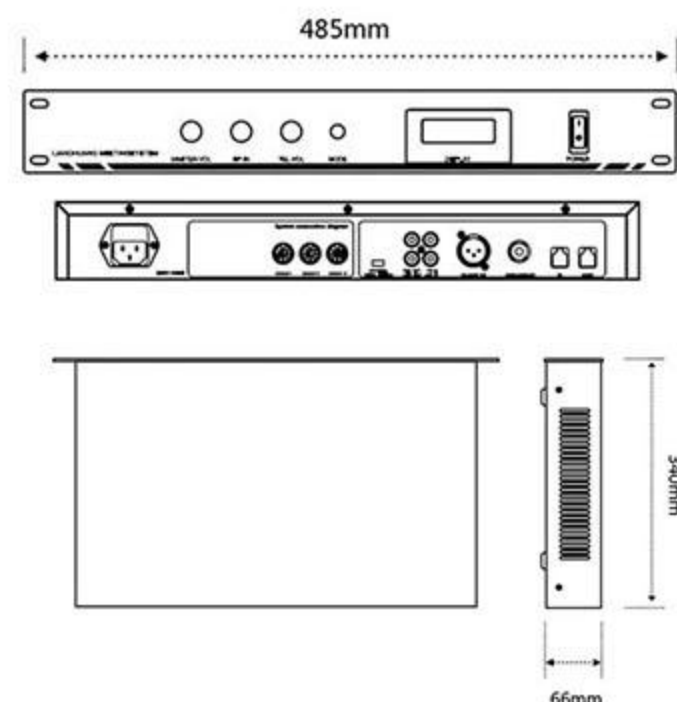
REAR SIDE



## Teleconferencing Central Processing Unit



Discussion and voting  
video conference system CPU



### Functional Features

- ◆ Multiple working modes: production mode/first-in-first-out mode, research and development mode.
- ◆ Background music and total volume output regulator, with recording output function interface
- ◆ Built-in telephone coupler input and output ports for remote telephone conferencing
- ◆ Equipped with a switch to limit the number of microphones working simultaneously, you can choose "1" or "3"

### Product Parameters

○ Customized according to customer requirements

|                                      |                                         |
|--------------------------------------|-----------------------------------------|
| Voltage: AC220V±10%50Hz              | weight: 6.5kg                           |
| Output Impedance: REC:200Q           | LINE: 200Q                              |
| BALANCE: 3000                        | NOBALANCE: 400Q                         |
| Input Impedance: LINE:50KQ,PBIN:50KQ | Frequency Response: 20HZ-20KHZ          |
| Dimensions (W"H"D): 485X220X66mm     | Signal-to-Noise Ratio: 78dB (1KHzTHDI%) |

## Audio Processor



Four-input and eight-output  
standard audio processor

### Functional Features

- ◆ 3-input/6-output digital signal processor
- ◆ Allows quick sending of all control parameters eliminating hidden submenus
- ◆ A 6-foot USB-A to USB-B cable is provided
- ◆ Two USB ports (one on the front panel and one on the rear panel) and an RS-232 port are available for Ashly's control software (Protea software) and PC connectivity.

### Functional Features

- ◆ DSP-1616 uses ADISHARC's **fourth-generation ADSP-21489 floating-point audio**, and the DSP chip provides the highest performance **400 MHz/2200 MFLOP processor capability**.
- ◆ Super powerful ADSP-21489 Super powerful DSP processing capability, and based on our unique core DSP method, it realizes built-in independent 16-channel ultra-low distortion adaptive feedback suppressor, 16-channel noise gate, 16-channel input compressor, 16-channel 16-band PEQ, 16-channel input 48dB slope high-pass-low-pass filter, 16-channel 1 second delay
- ◆ 16x16 full matrix mixing, enabling free mixing of any input channel.
- ◆ The device front panel must have a volume status display that can display the volume status of all 16 input and 16 output channels.



DSP-1616  
Audio Processor



## Four-channel fully automatic suppressor



Four-channel fully automatic suppressor

### Functional Features

- ◆ Ultra-wide frequency response circuit technology, no sound change, no metal tail sound
- ◆ Suitable audio can be customized according to the application
- ◆ Digital frequency shift technology, super anti-howling, mellow and stable sound
- ◆ Super stable: built-in crystal oscillator, software algorithm, good stability performance

### Product Parameters

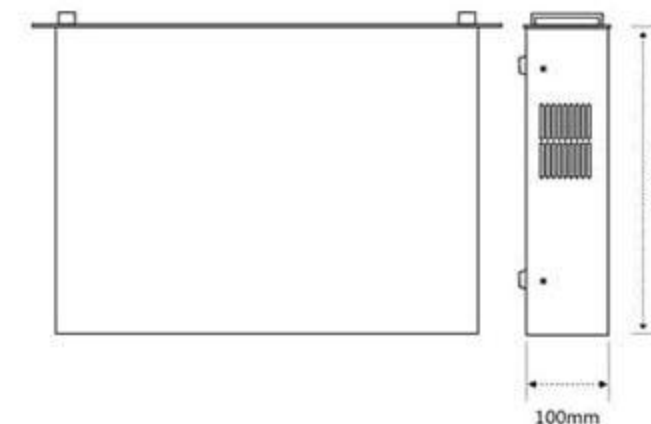
○ Customized according to customer requirements

|                                                                   |                                              |
|-------------------------------------------------------------------|----------------------------------------------|
| weight: 2.5kg                                                     | Input Impedance: 20KΩ                        |
| Power consumption: 7W                                             | Signal-to-Noise Ratio: >90dB                 |
| distortion: <0.1% @ 1KHZ                                          | Temperature range: -10~55°C                  |
| Sampling frequency: 32KHZ                                         | Rated voltage: 220V~±10% 50HZ+               |
| Output Impedance: 200Q(Balanced)                                  | Dimensions H.D.W: 480x220x44mm               |
| Number of input channels: 2 channels                              | Signal delay: 7ms music mode/11ms voice mode |
| Frequency Response: 125Hz~15KHz voice mode /20Hz~15KHz music mode |                                              |

## Wireless Digital Conference System



Wireless Digital Conference System



### Functional Features

- ◆ UHF high frequency digital system, with multiple speech modes, can be connected with video host to realize video tracking function
- ◆ Audio channels and control channels are transmitted wirelessly, without laying cables
- ◆ Each unit is powered by a rechargeable lithium battery and comes with a mini USB charger
- ◆ The system has a capacity of W255 attendee units (including 1 chairperson). Ultra-low power consumption, >8 hours of speaking time >>20 hours of standby time

### Product Parameters

○ Customized according to customer requirements

|                                              |                                          |
|----------------------------------------------|------------------------------------------|
| Audio Benefits: >20dB                        | Demodulation method: FM                  |
| Signal-to-Noise Ratio: >85dB                 | Number of channels: 5 channels           |
| Power Input: DC12V-15V, MIA                  | Signal coverage: Indoor radius 60 meters |
| Receiving sensitivity: -100dBm               | Audio Total Harmonic Distortion: W0.8%6  |
| Frequency response: 50Hz-15KHz               | Frequency range: 500MHz-950MHZ           |
| Main unit size: (WxHxD:485mmx100mmx355mm 2U) |                                          |



## Wireless conference microphone



M1002/B1 Wireless conference microphone

### Functional Features

- Digital Speech Timer
- It uses a high-definition color LCD TFT display screen, and the working status is clear at a glance, [The startup LOGO can be customized according to user needs.](#)
- Adopting digital modulation and encryption transmission technology with random unique ID, signal transmission confidentiality is ensured, completely avoiding the risk of conference being eavesdropped!
- The receiver uses DQPSK eight-antenna true diversity reception, with a normal distance of 60-120 meters, completely avoiding interference problems such as disconnection and noise that occur in single-antenna reception mode!
- DQPSK digital modulation provides up to 200 channel options within a 60MHZ frequency range with a 300KHZ channel spacing.
- Multiple sets of machines can be stacked and used at the same time ([for example, 10 sets, a total of 20 launch bases can be used at the same time](#))

## M1008/A7 Wireless Handheld Microphone



M1008/A7 Wireless Handheld Microphone

### Functional Features

- Digital Speech Timer
- It uses a high-definition color LCD TFT display screen, and the working status is clear at a glance, [The startup LOGO can be customized according to user needs.](#)
- Adopting digital modulation and encryption transmission technology with random unique ID, signal transmission confidentiality is ensured, completely avoiding the risk of conference being eavesdropped!
- The receiver uses DQPSK eight-antenna true diversity reception, with a normal distance of 60-120 meters, completely avoiding interference problems such as disconnection and noise that occur in single-antenna reception mode!
- DQPSK digital modulation provides up to 200 channel options within a 60MHZ frequency range with a 300KHZ channel spacing.
- Multiple sets of machines can be stacked and used at the same time ([for example, 3 sets, a total of 24 launch bases can be used at the same time](#)).



## Telephone conference system CPU



Telephone conference system CPU

| Product Parameters                      | Can be customized upon request               |
|-----------------------------------------|----------------------------------------------|
| Enter: AC200-240V50/60Hz200W max        | Output: DC5V21000mA                          |
| Efficiency: 75% typ, under full load    | Output voltage tolerance: $\pm 5\%$          |
| Low standby power consumption: 0.5W max | Output interface: 28 channels, USB interface |



JN-825UHF (infrared frequency) wireless microphone

| Product Parameters      |                             | ○ Can be customized upon request |
|-------------------------|-----------------------------|----------------------------------|
| Number of channels: 200 | Dynamic Range: 100dB        | powered by: TO15AA battery 2AA   |
| Adjustable range: 50MHZ | Spurious suppression: -60dB | Frequency range: 740-790MHZ      |
| Channel spacing: 250KHZ | Modulation method: FM       | Time of use: >8小时                |

## Infrared wireless microphone



JN-828UHF (infrared frequency)

| Product Parameters          |                              | ○Can be customized upon request |
|-----------------------------|------------------------------|---------------------------------|
| Frequency range: 735-795MHz | Number of channels:300       | powered by: Two AA batteries    |
| Modulation method: FM       | Channel spacing: 200KHz      | Time of use: 30mw>8 hours       |
| Adjustable range: 60MHZ     | Frequency stability: ±0.005% | Comprehensive distortion: <0.5% |



JN-829UHF (infrared frequency)

| Product Parameters      |                                    | ○Can be customized upon request |
|-------------------------|------------------------------------|---------------------------------|
| Number of channels: 300 | Dynamic Range: 100dB               | powered by: Two AA batteries    |
| Modulation method: FM   | Channel spacing: 200KHz            | Time of use: 30mw>8小时           |
| Adjustable range: 60MHZ | Operating temperature: -10℃ -+40 ℃ | Comprehensive distortion: <0.5% |





JN-6169E infrared transmitter central processor



JN-91682 Translation Headphones



JN-91691 Answering Unit Charging Box

## Features

JN-6169E

- With alarm function, it can automatically send emergency information to all audio channels
- 6-12 groups of external audio input channels, can input external audio or voice signals
- Wireless directional transmission, high confidentiality
- The LED light on the front panel of the host can display the input level
- The use of higher transmission frequency (2M-6MHz) makes the receiver have super anti-interference ability
- The system can modulate and transmit up to 6 to 12 languages simultaneously



JN-9169G Transmitter Unit



JN-9169H Answering Unit



## Matrix system series

The main purpose is to retrieve signals from multiple hosts or monitor signals in real time through a tablet, control matrix signals, and display content on the spliced screen, so as to realize the display of multiple contents in multiple screen combinations as required. For the display of content in multiple screen variations, a demonstration plan needs to be designed according to the customer's content requirements.

The display content supports the calling of video/real-time monitoring/ppt/pictures and texts, and realizes the free mode display of split screen or same screen. All content can be updated synchronously in the background and backed up regularly.





8 series hybrid card matrix

## Features

## 8 series hybrid card matrix

- Four-way card design, equipped with 2 input signal cards and 2 output signal cards.
- Maximum number of input channels: 8, Maximum number of output channels: 8
- Adopt FPGA architecture and internally built core computing mechanism
- Support common audio and video signals: HDMI, SDI, DV, VGA, CVBS, YUV, YC, YPbPr, S-Video and other signals
- Perform line scaling and frequency multiplication on the image signal to enhance the display, and output the same resolution signal for different resolution signals
- Input level test function, the LED light on the front panel of the host can display the input level
- Supports command adjustment to adapt to different resolution displays; uses 3Pin independent audio interface to support audio and video switching and audio separation

## Features

## 16 series hybrid card matrix

- Supports HDMI1.4b and uses pixel clock technology to provide excellent output transmission and accurate timing
- Support EDID management, read the EDID code of the current output source input device through the serial port
- Support HDCP management, can set encryption and decryption of HDCP content
- Maximum supported resolution for input and output: 4Kx2K@30HzYUV444; 4Kx2K@60Hz YUV 420
- Supports HDBaseT twisted pair, fiber optic input and output cards, with twisted pair, fiber optic transceivers



16 series hybrid card matrix



4k single-channel hybrid card matrix (JN-MXH1SIN)

## Features

## (JN-MXH1SIN)

- Compatible with digital and analog signals.
- Support HDMI, DVI, VGA, CVBS, YPbPr, S-Video and other signals.
- Supports audio separation output and synchronous switching of audio and video signals.
- Support DV11.0 protocol, maximum supported resolution: HDCP: 1920x1200P@60Hz, HDTV: 1920x1080P@60Hz.
- 1 DVI-1 output interface, 1 3.5mm stereo audio output interface, with status indicator light.



4K single-channel hybrid card matrix (JN-MXH1S OUT)

## Features

## (JN-MXH1S OUT)

- 1 HDMI input interface
- Support HDMI2.0, HDCP2.2, DVI1.0 protocols
- Maximum supported resolution: 4Kx2K@60Hz
- 1-way 3.5mm stereo audio input interface
- Supports analog audio and HDMI embedded audio



4K single-channel hybrid card matrix (JN-MXH1S OUT)

## Features

## (JJN-4KHDMI1S OUT)

- Support HDMI2.0, HDCP2.2, DVI1.0 protocols
- Maximum supported resolution: 4Kx2K@60Hz
- 1 DVI-1 output interface, 1 3.5mm stereo audio output interface, with status indicator light.
- Supports audio separation output and synchronous switching of audio and video signals.





HDMI/SD/ISeamless input card  
KST-HSD4S OUT



HDMI/SDI Seamless Input Card  
KST-HSD4S OUT



4-way DVI seamless input card  
KST-DVI4S IN



HDMI/SDI Seamless Input Card  
KST-HSD4S IN

### Features

### Seamless input card

- 2-way HDMI input interface maximum supported resolution: HDPC1920x1200P@60Hz, HDTV1920x1080P@60Hz
- 2-channel HDMI+2-channel SDI hybrid seamless input card is used with KST-MAX series hybrid matrix host. The input card supports hot swapping and plug-and-play.
- Provides 2 HDMI input interfaces, 2 Phoenix stereo audio input interfaces, 2 SDI (BNC) input interfaces, 2 SDI inputs with one SDI loop output interface
- 2 HDMI input interfaces support HDMI 1.4a, HDCP1.4 and DV1 1.0 protocols; 2 HDMI input interfaces support EDID management and have EDID editing function
- When the 2-way HDMI input interface is used with other signal cards whose output resolution cannot be adjusted, the input resolution of each channel can be adjusted through commands.



### Central control system series



Easy to operate



Fully functional



Versatile





## Features

### Network type central control host

- Support 8-way weak current relay RELAY OUT interface, input/output 10 interfaces can be expanded to 256 channels
- Equipped with a set of RS-232, IR, digital input and relay control ports to support integrated control of third-party devices
- Adopting the new generation of American ARM11 industrial-grade embedded chip, 32-bit embedded processor with main frequency of 700Mhz, built-in 256M memory and 1G storage FLASH, high-speed running of complex control instructions
- Provides an open C language programmable control platform, supporting IOS system, Android system, and WINDOWS system

### Network type central control host

## Features

### Ordinary central control host

- Supports standard USB or WIFI communication to update the host programming program and upload the program wirelessly
- Supports multiple network communication protocols such as TCP/IP, UDP, RS-NET, RS-LINK, and Ethernet, and can control all devices with TCP/IP and UDP protocols
- Expandable TCP/IP protocol module, expandable DMX512 protocol module; provide 1 RS-NET control port with 24V power supply
- The panel has infrared learning window, reset button and working indicator light, 8 RS-232/422/485 working indicator lights, 8 infrared working indicator lights, host power supply, database, etc.



### Ordinary central control host



### Simple web hosting

## Features

### Simple web hosting

- 8路独立可编程RS-232/422/485控制接口, 可编程设置控制协议和代码
- 提供8路独立可编程的红外发射接口, 支持红外指令学习功能;提供2路RS-NET控制口,带24V供电功能并传输控制协议
- 支持TCP/IP、UDP、RS-NET、RS-LINK、Ethernet多种网络通讯协议可控制所有带TCP/IP、UDP协议的设备
- 开放式的界面编程控制平台, 中文操作界面和交互式控制结构, 通过可编程软件编辑个性化控制界面, 下载到iOS/Android系统的设备中, 支持IOS系统、Android系统、KONSETON专用屏等系统控制终端



## Tablet customization

## Features

## Tablet customization

- 1-way USB control, suitable for any computer control
- 8-way weak current relay supports 5V/9V/12V/24V/1A control interface
- Suitable for large and medium-sized conference rooms, meeting rooms, academic lecture halls, etc.
- 9 independent programmable infrared transmission interfaces, supporting up to 128 infrared devices
- RS232/485 supports international standard programming interface, sending and receiving 232/485 data
- High quality, mass production, high compatibility and stability, high cost performance
- Non-PC architecture embedded system, no need to wait for boot program and control program
- Adopt full SMT production process; universal power supply 110V-240V
- New 32-bit or higher processor, quad-core Exynos8890 processor, processing speed above 1.5GHz
- Support wireless touch screen, wired touch screen, USB, computer, network, and other control methods
- A maximum of 32 central control modes can be stored; the calling mode supports extremely fast control
- The host has built-in 2G DDR2 memory and 16G large capacity Flash memory
- Support seamless integration of CMMAW technology and CCSEB power management technology
- Adopts built-in 600MHz DSP co-processing chip to assist the main processor
- The latest FPGA chip Stratix:emoii:10, internally built core computing mechanism





## Remote Video Conference Series

Multiple terminal use | Diversity of conference functions

### Instructions:

This system has realized the requirements of remote video, voting, meeting check-in, meeting minutes, meeting information, etc. in a multi-functional conference room. Customers can add or reduce product equipment according to actual requirements; there is no need to configure professional operators.

The main venue can invite any branch venue to start a meeting; no training is required; supports multiple ways to control the terminal, such as QR code scanning, mobile phone, web page, air mouse remote control, etc.





## Remote Video Conference Series



**JN200IP**  
HD Network Camera



**JN600IP**  
HD Network Camera



**JN360IP**  
HD Network Camera



**JN700IP**  
HD Network Camera

| Product Parameters                               | Can be customized upon request                |
|--------------------------------------------------|-----------------------------------------------|
| Effective Pixels: 2.1 million effective pixels   | sensor: 1/2.8 inch high quality HDCMOS sensor |
| Video signal: 1080P-60/50/30/25                  | Lens zoom: 20x optical zoom, f=4.7~94mm       |
| Viewing angle: 58.7°(wide angle)~3.2°(telephoto) | Minimum illumination: 0.1Lux                  |
| White Balance: Automatic                         | Focus: Automatic/Manual                       |
| Aperture: Automatic/Manual                       | Shutter: Automatic/Manual                     |
| Signal-to-Noise Ratio: >52dB                     | HD video interface: HDMI、HD-SDI(3G)、RJ45网口    |
| SD video interface: RCA connector                | Control signal interface: 8-pin mini DIN      |
| RCA connector: LineIn, 3.5mm audio jack          | Power interface: HEC3800 Power Outlet         |

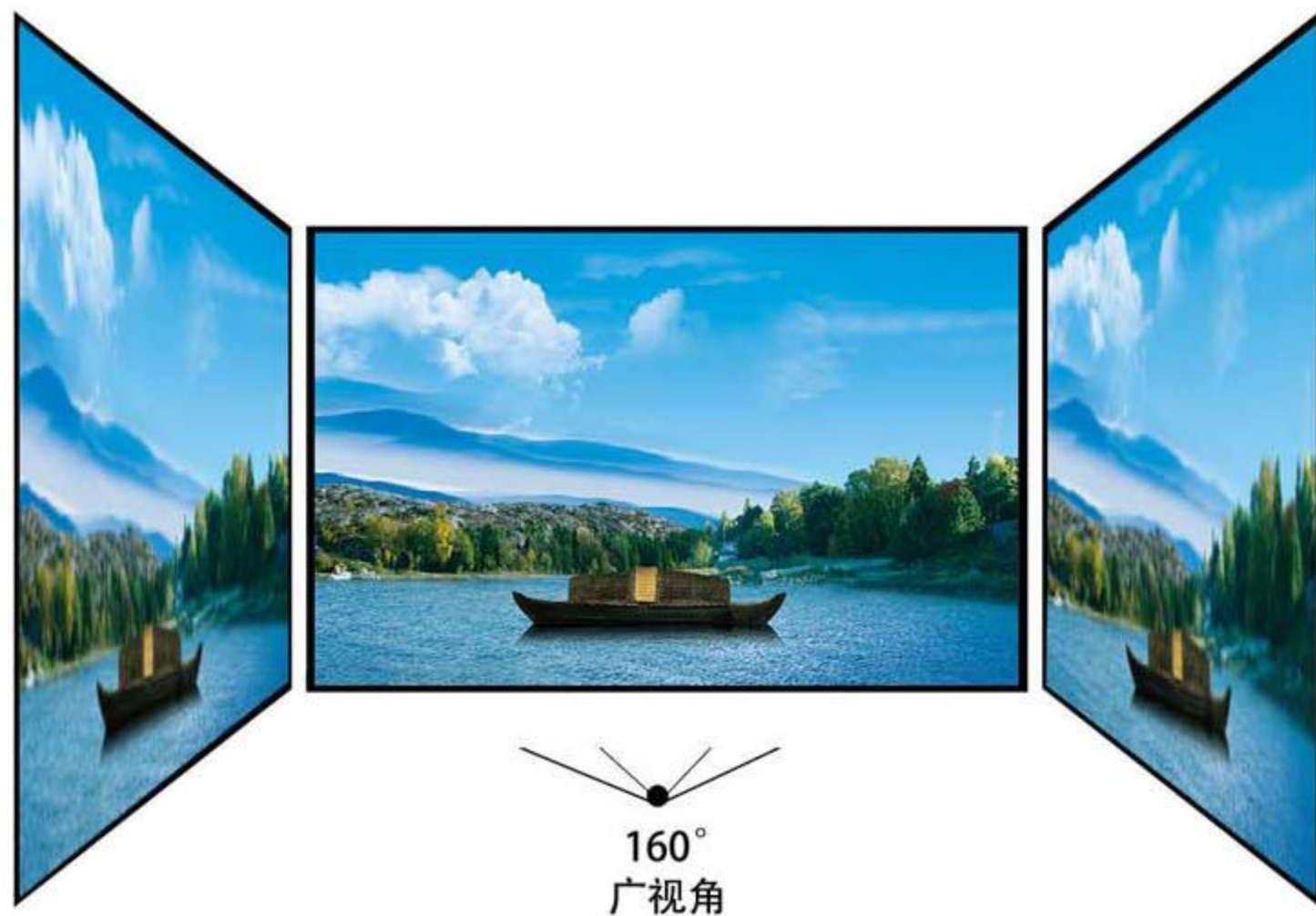
## Remote Video Conference Series



**MCU Video Conference Host (JN-32 Series)**

| Product Parameters                                                         | Can be customized upon request                   |
|----------------------------------------------------------------------------|--------------------------------------------------|
| Hardware structure: Embedded Linux                                         | Dual-stream protocol: ITU-TH.239,BFCP            |
| Network Interface: 10/100/1000Base-T、2*RJ45                                | Active image resolution: 480P、D1、720P、1080P      |
| Working voltage: 100VAC~240VAC                                             | Video frame rate: 25fps、30fps、50fps、60fps        |
| Surrounding noise: Less than 50dBA                                         | Maintenance method: Web, Telnet、ssh              |
| MCU capabilities: 32 party venues                                          | Multi-screen: Maximum 16 screens for conferences |
| broadband: Depends on specific needs                                       | Size: 4U*485mm*450mm                             |
| Maximum power: Less than 500W                                              | weight: 14KG                                     |
| Certifications and Standards: MIIT network access, CCC, H.264 High Profile |                                                  |





## Large screen system series

Large screen projection wall | Projector array | Control System



LCD splicing screen



### Product Parameters

size: Customizable

LCD Type: DID-LCD

Brightness: 500cd

Display Color: 16.7M

Contrast ratio: 4500:1

Pixel pitch: 0.63mm\*0.63mm

Maximum resolution: 1920\*1080

Digital Noise Reduction: TNR Noise Reduction

### Can be customized upon request

Display Mode: 16:9

power supply: AC100~240V50/60Hz

HDMI input: 3 HDMI inputs

VGA signal input: 1 channel (D-15 pin RGB) input

Composite video input/output: 1 channel (BNC\*1)

DVI input and DP input: 1 DV1 input, 1 DP input

Installation method: Embedded, wall mounted





P2.5 Indoor Full Color LED Display

| Product Parameters                    | ○ Can be customized upon request                      |
|---------------------------------------|-------------------------------------------------------|
| Pixel Density: 160000点/m <sup>2</sup> | Lamp configuration: 1R1G1B                            |
| Lamp bead model: JN2121               | Vision (angle): 160° left and right, 120° up and down |
| Brightness: 1200cd/m <sup>2</sup>     | Drive mode: Drive mode:                               |
| Grayscale: Level 16384                | Refresh rate: 1800Hz                                  |
| Module size: 160mm*160mm              | Brightness adjustment: Automatic                      |
| Operating Voltage: AC220/50Hz         | Module resolution: 64 points"64 points                |
| Maximum power: 700W/m <sup>2</sup>    | Average power: 300w/m <sup>2</sup>                    |
| IP rating: IP54                       | Working life (h): ≥50000h                             |



P2 Indoor Full Color LED Display

| Product Parameters                    | ○ Can be customized upon request                      |
|---------------------------------------|-------------------------------------------------------|
| Pixel Density: 250000点/m <sup>2</sup> | Lamp configuration: 1R1G1B                            |
| Lamp bead model: JN1515               | Vision (angle): 160° left and right, 120° up and down |
| Brightness: 1500cd/m <sup>2</sup>     | Drive mode: 1/32 scan                                 |
| Grayscale: 16384级                     | Refresh rate: 1800Hz                                  |
| Module size: 256mm*128mm              | Brightness adjustment: Automatic                      |
| Operating Voltage: AC220/50Hz         | Module resolution: 128点*64点                           |
| Maximum power: 700W/m <sup>2</sup>    | Average power: 300w/m <sup>2</sup>                    |
| IP rating: IP54                       | Working life (h): ≥50000h                             |





**MAKE CONNECTION TECHNOLOGY SMARTER!**



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