

Paperless Conference System Retractable Screen User Manual V1.0



VISSONIC ELECTRONICS LIMITED

The meaning of symbols

■ Safety instructions

For your safe and correct use of devices, we use a lot of symbols on the devices and in the manuals, demonstrating the risk of body hurt or possible damage to property for the user or others. Indications and their meanings are as follow. Please make sure to correctly understand these instructions before reading the manual.

\land	This is A level product, which may cause radio interference in the living environment. In this case, users may need to take the feasible measures to
	get around the interference.
λ.	Remind users that the dangerous voltage without insulation occurring
	within the equipment may cause people suffer from shock.
	CE certification means that the product has reached the directive safety
CE	requirements defined by the European Union. Users can be assured about
	the use of it.
CERTIFICATION AND AND AND AND AND AND AND AND AND AN	SGS certification means that the product has reached the quality
SGS	inspection standards proposed by the world's largest SGS.
	This product passed the ISO9001 international quality certification
DIN EN ISO 9961 Zerffike: 11 191023586 ISO9001:2000	(certification body: TUV Rheinland, Germany).
	Warning: in order to avoid electrical shock, do not open the machine
	cover, nor is the useless part allowed to be placed in the box. Please
RISK OF ELECTRIC SHOCK	contact the qualified service personnel.

■ General information instructions

١	It lists the factors leading to the unsuccessful operation or set and the
	relevant information to pay attention.

Important note

Warning

In order to ensure the reliable performance of the equipment and the safety of the user, please observe the following matters during the process of installation, use and maintenance:

The matters needing attention of installation

• Connect to AC power only after completing all connections (including the power adapter). Once the product is connected to AC power, avoid frequent disconnection of components or devices, as it may cause electrical surges and damage the product.

• Do not forcefully insert the plug into its socket. If you encounter excessive resistance, ensure that the plug is inserted into the socket in the correct orientation.

Usage Environment

• To extend the lifespan of the device, it is recommended to operate it within the following environmental conditions: Temperature: 0° C to 40° C, Humidity: 30% to 90% RH.

• Design holes in the desk according to the specifications or instructions provided by the manufacturer. Incorrectly placed holes may hinder the device's heat dissipation, leading to damage. Leave sufficient space around the product for ventilation. Do not place the product in any enclosed space that restricts airflow around the product. Avoid placing any objects on or blocking the product's ventilation holes.

Power Supply

• Use the provided power adapter or an approved equivalent. Check voltage compatibility by comparing labels. Using unauthorized adapters may damage the product, voiding the warranty.

• Sudden power outages may damage the product. Please avoid connecting the product to power outlets that may experience accidental disconnection. During normal operation, do not attempt to hard reset the product by holding down the power button.

• When shutting down the product, please ensure to perform a complete shutdown procedure (via the user interface or gently pressing the power button).

• In lightning-prone areas, install surge protectors for electronic devices. During lightning storms, use devices correctly and unplug AC power plugs until the storm passes, then reconnect power.

• Please ensure not to interrupt power supply during software updates for the product.

• Do not spill water or other liquids on the device. If this happens, immediately disconnect the device's power.

Battery

• The product includes a built-in button cell battery, replaceable only by the manufacturer or authorized service center. Contact them for service. Incorrect battery replacement poses explosion risks; do not attempt on your own.

Preface

This manual mainly describes the use, performance parameters and troubleshooting of VISSONIC paperless retractable screen system - including retractable screen paperless configuration, functionalities and connection.

If the technical parameters and system usage in this manual are changed, the manufacturer will update the version of the manual. Please use the latest user manual.

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1. System overview

1.1. System features

The NETLINK G2 series is a paperless multimedia conference system that replaces traditional paper with display screens. It utilizes network technology to connect information from each seat, promoting information sharing and interactive meetings. Designed for flexibility, practicality, efficiency, and energy conservation, it features functions like flexible pre-meeting scheduling, in-meeting guidance, and post-meeting summary exports, facilitating efficient and eco-friendly meetings.



Figure 1.1 Paperless Lifting Screen System

1.2. System composition

Components of the lifting screen system:

- ✓ Paperless Server VIS-SERVER-E2/E2S
- ✓ Full Digital Network DCP Conference Processor VIS-DCP2000-D/W
- ✓ Core Network Switch VIS-SWITCH24/48
- ✓ Height-Adjustable Touch Screen VIS-15/17/18/21LSSC
- ✓ Height-Adjustable Touch Screen with Name plate VIS-15/17/18/21LDSC
- ✓ Height-Adjustable Touch Screen with Lifting MIC VIS-15/17/18/21LSSCM
- ✓ Height-Adjustable Touch Screen with Name plate and lifting MIC VIS-15/17/18/21LDSCM
- ✓ Height-Adjustable Touch Screen VIS-15/17/18/21LSSC-A
- ✓ Height-Adjustable Touch Screen with Name plate VIS-15/17/18/21LDSC-A
- ✓ Height-Adjustable Touch Screen with Lifting MIC VIS-15/17/18/21LSSCM-A
- ✓ Height-Adjustable Touch Screen with Name plate and lifting MIC VIS-15/17/18/21LDSCM-A
- ✓ VIS-CLIENT100 Client
- ✓ RS485 signal enhancement extension unit VIS-SEU
- ✓ Touch panel VIS-CK100
- ✓ Distributed Encoder VIS-DS200-I-P

2. Paperless conference system

2.1. Paperless Server VIS-SERVER-E2/E2S

2.1.1. Features and interfaces

The controller for a paperless multimedia conference system is equipped with server software for this purpose. It offers a GUI based on a B/S (Browser/Server) architecture via the network.

This system can manage multiple paperless multimedia conference rooms simultaneously and provides features such as conference room reservation management, conference device management, personnel information upload, conference theme setting, role permission management, conference data upload, and post-conference data archiving.



Figure 2.1.1.1 VIS-SERVER-E2 front and rear panels

Front panel:

No./Name	Description
1. Power/Restart button	Power on/off and restart the controller.
2. USB Slot	To insert USB disk and other devices.

Rear panel:

Interface	Introduction
3. PS/2	Connect keyboard and mouse.
4,5. DVI and VGA	Video transmission interfaces.
6. RS232	Used for data transmission control, monitoring data acquisition,

	communication device and embedded system.
7,9. Dual network	Used for data Communication, connectivity, protocol Support,
ports	remote Management
8. 2 USB 2.0 ports,	Used for data storage or connecting to external devices.
2 USB 3.0 ports	
9. Audio input/output	1 audio input/out interface,1 mic input interface for various types of
interface	audios.
10. Power inlet	Connect the controller to the main power supply with a power cable.
	100-240V AC.



Figure 2.1.1.2 VIS-SERVER-E2S front and rear panels

Front panel:

No./Name	Description
1. Power button	Power on or off the controller.
2. USB Slot	To insert USB disk.
3. Restart Button	To restart controller.

Rear panel:

Interface	Introduction
4. Power inlet	Connect the controller to the main power supply with a power cable.
	110-240V AC. Power Switch controls on/off.
5,6. PS/2 and USB	Connect external devices such as mouse and keyboard.
interface	
7. DVI/VGA/HDMI	Three video transmission interfaces.
interface	
8,12,13. RS232	Used for data transmission control, monitoring data acquisition,
	communication device and embedded system.
9.Dual network ports	Used for data Communication, connectivity, protocol Support,
	remote Management
10. 4 USB 3.0 ports	Used for data storage or connecting to external devices.
11. Audio input/output	1 audio input/out interface,1 mic input interface for various types of

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interface	audios.

2.1.2. Installation

The server can be installed inside a standard 19-inch rack with standard mounting screw holes.



Figure 2.1.2 Mounting the server

2.1.3. Connection

2.1.3.1. Connecting the power supply

Use the attached power cable to connect the conference controller to an external power socket.



Figure 2.1.3.1 Power interface of the server

Warning: The controller power supply needs to be well grounded to avoid accidents that endanger personal safety.

2.1.3.2. Connecting the switch

Configure the left network port of the dual network card settings server as the interface connected to the switch using CAT5e cable. This setup integrates the lift screen conference system.



Figure 2.1.3.2 Server connect to switch

2.2. VIS-DCP2000-D/W conference controller

2.2.1. Features and interfaces

VIS-DCP2000-D/W is a conference controller that supports wired Ethernet connection. This controller controls all connected MIC of lifting screen.

Configure whole conference system with the buttons on the front panel of the conference controller in the system.



Figure 2.2.1 VIS-DCP2000-D/W front and rear panels

Front panel:

No./Name	Description
1. Power Switch	Power on or off the controller.
2. Display	Show the current status or the result of operation, menu list etc.
3. Operate Buttons	4-direction buttons for menu operation, confirm and exit.
4. Audio Recording	Press to start/stop recording the audio of whole conference content.
5. USB Slot	To insert USB disk (Up to 32G, FAT32) for recording, with status
	light indicator which is flashing during the recording.
6. Headphone Socket	Headphone connection.
7. Knob	Control volume level of the system.

Rear panel:

Interface	Introduction	
8. Audio Inputs (IN 1)	RCA audio input from external audio sources like MP3.	
9. Audio Inputs (IN 2)	XLR audio input from external audio sources like Microphone and	
	remote audio input.	
	To use the AEC echo cancellation function of the controller, the	
	audio output of the video terminal must be connected to the IN2	
	input port.	
10. Audio Outputs	RCA audio output to external audio devices like PA system,	
(OUT 1)	loudspeakers etc. and can be set as zone 1 output.	
11. Audio Outputs	XLR audio output to external audio devices like Mixer, PA system	
(OUT 2)	etc. and can be set as zone 2 output.	
12. Audio Outputs	Phoenix audio output. OUT3 and OUT4 can be set respectively as	
(OUT 3, OUT 4,	zone 3 and zone4 output. OUT4 also can be set as echo cancellation	
OUT 5, OUT 6,	remote audio output. OUT5, OUT6, OUT7, OUT8 is corresponding	
OUT 7, OUT 8)	to the interpretation CH1, CH2, CH3, CH4.	
	OUT4 is used as audio output of the controller to the remote	

	terminal when the AEC acoustic echo cancellation function is used.	
13. Audio Link	Used for data transmission, and communication protocols.	
14. CU/DU	It is used to connect chairman unit, delegate unit, interpreter unit or	
	POE speaker. Hand in hand loop connection can be made between	
	port 1 and port 2 or between port 2 and port 3.	
15. AP (Only available	Connect to 5GHz Professional Conference Access Point VIS-AP4C.	
for VIS-DCP2000-W)		
16. Control	Female DP9 connector is used to connect with camera auto-tracking	
	controller.	
17. Control	Male DP9 connector is used to connect with the camera chains or	
	third-party central controller.	
18. Keyboard	Connect to the camera control keyboard.	
19. Ethernet	Connect to PC or switch for the software control.	
20. Ground jumper	Connect the controller to the ground.	
21. Power inlet	Connect the controller to the main power supply with a power cable.	
	100-240V AC.	

2.2.2. Installation

The conference controller can be installed in a standard 19-inch cabinet. On both sides of the front panel are standard screw holes for mounting the conference controller in the cabinet. The installation diagram is as follows.



Figure 2.2.2 Mounting the conference controller

2.2.3. Connection

2.2.3.1. Connecting the power supply

Use the attached power cable to connect the conference controller to an external power socket.



Figure 2.2.3.1 Power interface of the conference controller

Warning: The controller power supply needs to be well grounded to avoid accidents that endanger personal safety.

2.2.3.2. Connecting to lifting screen MIC

The CU/DU port of the controller via CAT5e cable is connected to the microphone control port at the bottom of the lifting screen to control the microphone's on/off switch. Each lift screen unit is then connected in series via Cat5e cables.



Figure 2.2.3.2 CU/DU conference unit ports



Figure 2.2.3.3 Conference controller connects lifting screen MIC

2.3. Core Network Switch VIS-SWITCH24/48

2.3.1. Features and interfaces

The switch acts as an intermediary device connecting the server, conference controller, and lifting screen units, enabling information exchange.

This Core Network Switch is a crucial component designed to enhance the efficiency and functionality of your paperless system. With its advanced features and capabilities, this switch provides seamless power and data transmission to connected devices, simplifying installation and management.



Figure 2.3.1.1VIS-SWITCH24	front and rear panels
----------------------------	-----------------------

No./Name	Description
1. Ethernet interface	24 network interfaces are used to connect to different devices

2. 1000M SFP	2 Gigabit Ethernet ports
3.Reset	Reset the switch.
4.Power interface	Connect the power supply and switch



Figure 2.3.1.2 VIS-SWITCH48 front panel

No./Name	Description
1. Ethernet interface	48 network interfaces are used to connect to different devices
2. 1000M SFP	4 Gigabit Ethernet ports

2.3.2. Installation

The switch can be installed in a standard 19-inch cabinet. The installation diagram is as follows.



Figure 2.3.2 Installation of switch

2.4. Paperless lifting screen units

This product leverages advanced intelligent technology to deliver an HD touch display, smart lifting, automatic elevation, and intelligent control within a sleek, integrated aluminum design. It offers features such as automation, theft prevention, dust protection, and desktop beautification. Its versatility makes it suitable for various environments, including conferences, command centers, offices, hotels, classrooms, and studios.

2.4.1. VIS-15/17/18/21 LSSC, VIS-15/17/18/21 LSSC-A

Retractable ultra-thin HD Screen: VIS-15/17/18/21 LSSC, Retractable ultra-thin HD Screen with integrated PC: VIS-15/17/18/21 LSSC-A







Figure 2.4.1.1 Top panel of lifting screen

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Top Panel				
1	USB interface	5	Screen: Tilt backward	
2	PC: On/Off	6	Screen: Tilt forward	
3	Screen: Raise	7	Screen: Stop	
4	Screen: Retract			



Figure 2.4.1.2 Lower panel interface of lifting screen

Device Interface Description				
1	HDMI-2 Signal Input	3	RS485/RS232 Control Port	
2	DC-12V Power Input			

2.4.2. VIS-15/17/18/21 LDSC, VIS-15/17/18/21 LDSC-A

Retractable ultra-thin HD Screen with Nameplate: VIS-15/17/18/21 LDSC, Retractable ultra-thin HD Screen with Nameplate and integrated PC:VIS-15/17/18/21 LDSC-A



Panel description:



Figure 2.4.2.1 Top panel of lifting screen

Top Panel				
1	USB interface	5	Screen: Tilt backward	
2	PC: On/Off	6	Screen: Tilt forward	
3	Screen: Raise	7	Screen: Stop	
4	Screen: Retract			



Figure 2.4.2.2 Lower panel interface of lifting screen

Device Interface Description				
1	HDMI-2 Signal Input	3	RS485/RS232 Control Port	
2	DC-12V Power Input			

2.4.3. VIS-15/17/18/21 LSSCM,VIS-15/17/18/21 LSSCM-A

Retractable Ultra-thin Screen with MIC: VIS-15/17/18/21 LSSCM, Retractable Ultra-thin Screen with MIC and integrated PC: VIS-15/17/18/21 LSSCM-A







Figure 2.4.3.1 Top panel of lifting screen with MIC

Device Panel (with microphone)				
1	Conference microphone: On/Off	6	Screen: Raise	
2	Conference microphone: Retract	7	Screen: Lower	
3	Conference microphone: Raise	8	Screen: Tilt backward	
4	USB interface	9	Screen: Tilt forward	
5	PC: On/Off	10	Screen: Stop	



Figure 2.4.3.2 Lower panel interface of lifting screen

Device Interface Description				
1 HDMI-2 Signal Input 3 RS485/RS232 Control Port				
2	DC-12V Power Input			

Conference MIC Interface:



Figure 2.4.1.7 Bottom MIC interface of lifting screen

Conference MIC Interface Description			
1	Conference MIC Input/Output		

2.4.4. VIS-15/17/18/21 LDSCM,VIS-15/17/18/21 LDSCM-A

Retractable Ultra-thin Screen with MIC and Nameplate: VIS-15/17/18/21 LDSCM, Retractable Ultra-thin Screen with MIC and Nameplate and integrated PC: VIS-15/17/18/21 LDSCM-A



Panel description:



Figure 2.4.4.1 Top panel of lifting screen with MIC

Device Panel (with microphone)					
1	1 Conference microphone: On/Off 6 Screen: Raise				
2	Conference microphone: Retract	7	Screen: Lower		
3 Conference microphone: Raise			Screen: Tilt backward		

4	USB interface	9	Screen: Tilt forward
5	PC: On/Off	10	Screen: Stop



Figure 2.4.4.2 Lower panel interface of lifting screen

Device Interface Description				
1 HDMI-2 Signal Input 3 RS485/RS232 Control Port				
2 DC-12V Power Input				

Conference MIC Interface:



Figure 2.4.4.3 Bottom MIC interface of lifting screen

Conference MIC Interface Description				
1	Conference MIC Input/Output			

2.4.5. Integrated PC Interface

Built-in integrated PC mode includes:

Height-Adjustable Touch Screen VIS-15/17/18/21LSSC-A

Height-Adjustable Touch Screen with Name plate VIS-15/17/18/21LDSC-A

Height-Adjustable Touch Screen with Lifting MIC VIS-15/17/18/21LSSCM-A

Height-Adjustable Touch Screen with Name plate and lifting MIC VIS-15/17/18/21LDSCM-A



Integrated PC Interface Description			
1	MIC Input (Red)		
2	Line Output (Green)		
3	USB Interface		
4	RJ-45 Network Interface		
5	USB Interface		
6	VGA Signal Output		
	HDMI Signal Output		
7	(Interface is unavailable when the		
	screen is raised)		
8	DC-12V Power Input		

Figure 2.4.5 Side interface of the integrated PC

2.4.6. Installation



Figure 2.4.6 Installation of lifting screen

Notes

- Place the product on a stable surface or securely mount it on a desk.
- Connect the power adapter to the product's power port, then plug it into an AC100-240V, 50-60Hz power outlet.
- Always shut down the main unit properly before powering off.
- When moving the device, shut down the main unit, disconnect the power adapter, and unplug the power cord.

2.4.6.1. Installation dimension



Installation by Cutting Hole in Conference Table, the Lift Screen Dimensions are as Follows:

Model	VIS-LDSC/VIS-LSSC, VIS-LDSC-A/VIS-LSSC-A				
Catagory	15.6-inch Single	17.3-inch Single	18.5-inch Single	21.5-inch Single	
Category	Screen	Screen	Screen	Screen	
Product	422*70*552	459*70*552	499*70*602	560*70*603mm	
dimensions	422*/0*333mm	438*/0*333mm	488*/0*003mm		
Product	422*70*692	459*70*692	499*70*692	560*70*702	
dimensions (-A)	422.70.0831111	438.70.0831111	488.70.0831111	560**/0*/23mm	
Chassis size	412*58*550mm	448*58*550mm	478*58*600mm	550*58*600mm	
Drill dimensions	415*60mm	450*60mm	480*60mm	567*60mm	
Panel Sink	120*70*2mm	176*70*2mm	510*70*2mm	582*70*2mm	
Dimensions	430*70*311111	470*70*31111	510,70,511111	382°70°3mm	
Model	VIS-LDS0	CM/VIS-LSSCM, V	IS-LDSCM-A/VIS-	LSSCM-A	
Model	VIS-LDSC 15.6-inch Single	CM/VIS-LSSCM, V 17.3-inch Single	IS-LDSCM-A/VIS- 18.4-inch Single	LSSCM-A 21.5-inch Single	
Model Category	VIS-LDS0 15.6-inch Single Screen	CM/VIS-LSSCM, V 17.3-inch Single Screen	IS-LDSCM-A/VIS- 18.4-inch Single Screen	LSSCM-A 21.5-inch Single Screen	
Model Category Product	VIS-LDSC 15.6-inch Single Screen	CM/VIS-LSSCM, V 17.3-inch Single Screen	IS-LDSCM-A/VIS- 18.4-inch Single Screen	LSSCM-A 21.5-inch Single Screen	
Model Category Product dimensions	VIS-LDS0 15.6-inch Single Screen 555*70*683mm	CM/VIS-LSSCM, V 17.3-inch Single Screen 555*70*683mm	IS-LDSCM-A/VIS- 18.4-inch Single Screen 593*70*683mm	LSSCM-A 21.5-inch Single Screen 675*70*723mm	
Model Category Product dimensions Product	VIS-LDSC 15.6-inch Single Screen 555*70*683mm	CM/VIS-LSSCM, V 17.3-inch Single Screen 555*70*683mm	IS-LDSCM-A/VIS- 18.4-inch Single Screen 593*70*683mm	LSSCM-A 21.5-inch Single Screen 675*70*723mm	
Model Category Product dimensions Product dimensions (-A)	VIS-LDS0 15.6-inch Single Screen 555*70*683mm 555*70*683mm	CM/VIS-LSSCM, V 17.3-inch Single Screen 555*70*683mm 555*70*683mm	IS-LDSCM-A/VIS- 18.4-inch Single Screen 593*70*683mm 593*70*683mm	LSSCM-A 21.5-inch Single Screen 675*70*723mm 675*70*723mm	
Model Category Product dimensions Product dimensions (-A) Chassis size	VIS-LDS0 15.6-inch Single Screen 555*70*683mm 555*70*683mm 545*58*680mm	CM/VIS-LSSCM, V 17.3-inch Single Screen 555*70*683mm 555*70*683mm 545*58*680mm	IS-LDSCM-A/VIS- 18.4-inch Single Screen 593*70*683mm 593*70*683mm 583*60*680mm	LSSCM-A 21.5-inch Single Screen 675*70*723mm 675*70*723mm 665*60*720mm	
Model Category Product dimensions Product dimensions (-A) Chassis size Drill dimensions	VIS-LDS0 15.6-inch Single Screen 555*70*683mm 555*70*683mm 545*58*680mm 547*60mm	CM/VIS-LSSCM, V 17.3-inch Single Screen 555*70*683mm 555*70*683mm 545*58*680mm 582*60mm	IS-LDSCM-A/VIS- 18.4-inch Single Screen 593*70*683mm 593*70*683mm 583*60*680mm 595*62mm	LSSCM-A 21.5-inch Single Screen 675*70*723mm 675*70*723mm 665*60*720mm 667*62mm	
Model Category Product dimensions Product dimensions (-A) Chassis size Drill dimensions Panel Sink	VIS-LDS0 15.6-inch Single Screen 555*70*683mm 555*70*683mm 545*58*680mm 547*60mm 420*70*3mm	CM/VIS-LSSCM, V 17.3-inch Single Screen 555*70*683mm 555*70*683mm 545*58*680mm 582*60mm	IS-LDSCM-A/VIS- 18.4-inch Single Screen 593*70*683mm 593*70*683mm 583*60*680mm 595*62mm 510*70*3mm	LSSCM-A 21.5-inch Single Screen 675*70*723mm 675*70*723mm 665*60*720mm 667*62mm 582*70*3mm	

2.4.7. Connection

2.4.7.1. Connecting to power supply

Power:

Connect the lifting unit to an external power outlet using the provided power cable.



Figure 2.4.7.1 Power interface of integrated PC

2.4.7.2. Connecting to switch

1. Lifting screen with integrated PC

The lifting screen is connected to the switch via the RJ45 port on the side of the integrated PC. Multiple lifting screen devices can be interconnected and controlled through a switch, enabling seamless communication and complete functionality.



Figure 2.4.7.2.1 Connection between VIS-SWITCH24 and lifting screen

2. External client VIS-CLIENT100

VIS-CLIENT100 Client as the external client of lifting screen connects to the switch, controls of lifting screen power on/off and data transmission.

And the paperless multimedia conference system client software allows users to log in and access

various functions based on their roles. Permissions include: sign-in, agenda access, viewing topics and documents, topic voting, speaker camera tracking, speaking order list, on-demand live video, document approval and saving, file uploading, information communication, service application, viewing announcements, synchronous screen, following synchronous screen, conference projection, temporary permission management, and electronic nameplates.



Figure 2.4.7.2.2VIS-CLIENT100 CLIENT front and rear panel

Front panel:

No./Name	Description
1. USB interface	Quick switch connection port
2.USB 2.0	Used as a connection for external devices like U disk.
3.Power button	Control the client power on/off

Rear panel:

No./Name	Description
2. Power supply	12 V DC Max.65W. The power adapter is used to provide power
	(110V–220V AC,12 V/4 A DC output)
3, 4.VGA and HDMI	Connect video signals
5.USB 2.0 interface	Used for data communication and connection
6.Network interface Used for data Communication, connectivity, protocol Support	
	Management
7.USB 3.0 interface	Connect external keyboard, mouse, storage devices, etc.
8.Audio input/out	Send and receive audio signals.

Connection

(1) Connecting to lifting screen

The model for connecting the Client to the lifting screen: VIS-15/17/18/21 LSSC, VIS-15/17/18/21 LDSC, VIS-15/17/18/21 LDSCM, VIS-15/17/18/21 LDSCM

According to the connection shown in the following figure, use the external client to achieve the switch of lifting screen.



Figure 2.4.7.2.3 Connection of CLIENT controlling lifting screen power on/off

(2) Connecting to switch

The external client is connected to the switch via an Ethernet cable to achieve information interconnection.



Figure 2.4.7.2.4 VIS-CLIENT100 CLIENT connects to switch

2.5. RS485 signal enhancement extension unit VIS-SEU

2.5.1. Features and interfaces

RS485 signal enhancement unit amplifies input signals to higher voltage or current levels to meet various device requirements. It uses electronic components and circuit design to increase the input signal by a specific factor. Key features include high gain, low distortion, wide bandwidth, low noise, and adjustable gain.



Figure 2.5.1 RS485 signal enhancement extension unit panel

No./Name	Description
1,2.RS485B, RS485A	The terminals of two communication lines, typically labeled as A and
	В.
3,4. Power interface	Power supply, VCC represents "+", GND represents "-",9-40V DC
5,6.RS485A2,RS485B2	The second group connects to the lifting screen unit or other devices.
7.GND	Ground connection port.
8,9.RS485A1,RS485B1	The first group connects to the lifting screen unit or other devices.

2.5.2. Connection

2.5.2.1. Connecting to power supply

Connect the signal enhancement extension unit to a 9-40V DC power adapter, ensuring the correct polarity.

2.5.2.2. Connecting to lifting screen unit

Cut off one end of the RJ45 connector, the Ethernet cable, then separate and leave out the twisted pair wires "7" and "8", corresponding to white-brown and brown, connecting to RS485A1, B1 or A2, B2.

Connect the other end of the crystal head to the RS485 port in the lower left corner of the lifting screen to control the rise and fall of the lifting screen.

Note: A1/B1 and A2/B2 are two separate groups and should not be cross-connected.



The lift screen units are cascaded using network cables through the RS485/RS232 port.

Figure 2.5.2.2 Connect to lifting screen unit

2.5.3. Screen Lift Control via RS485/RS232

2.5.3.1. Interface details

Cable "7" "8" removed from the network cable corresponds to the RS485/RS232 protocol at the interface.



Figure 2.5.3.1 Interface of RS485/RS232

2.5.3.2. Interface Protocol

Baud rate: 2400, Data bits: 8, Parity: None, Stop bits: 1

Functions	Definition	HEX instructions

	Raise	FF/EE/EE/EE/DD
	Pause	FF/EE/EE/EE/CC
Control Screen	Retract	FF/EE/EE/EE/EE
	Display PC Signal	FF/EE/EE/EE/60
	Display HDMI Signal	FF/EE/EE/EE/61
	Raise	FF/EE/EE/EE/D1
Control MIC	Pause	FF/EE/EE/EE/C1
	Retract	FF/EE/EE/EE/E1
	Raise	FF/EE/EE/EE/D2
Simultaneous Control of	Pause	FF/EE/EE/EE/C2
Screen and Mic	Retract	FF/EE/EE/EE/E2



To ensure proper RS485/RS232 communication control:

- If unable to control the lifter, swap the two control lines
- Keep wiring loop resistance below 20Ω
- Avoid running wires alongside strong sources of interference

2.6. Control panel VIS-CK100

2.6.1. Features and interfaces

The control panel is the control terminal of the paperless lifting screen. The 9 buttons correspond to controlling the master control, screen, and microphone with options for up, down, and pause. The user can set the button function on the PC client software interface. At present, up to four panels are supported in series, that is, up to 32 sets of shortcut operation buttons can be customized. Aluminum alloy panel with standard 86 boxes, clean appearance and texture, simple and convenient assembly





Front	panel:
-------	--------

No./Name	Description	
1.All control	Control screen and microphone overall lift and pause.	
2.Screen control	Control screen lift and pause.	
3.Mic control	Control Mic lift and pause.	
4.Home button	Back to home interface	

Rear panel:

No./Name	Description
5,6. Power interface	Power supply, VCC represents "+", GND represents "-",5-36V
7,8. RS485A, RS485B	The terminals of two communication lines, typically labeled as A and
	В

2.6.2. Connection

2.6.2.1. Connect to power supply

Connect the signal enhancement extension unit to a 5-36V DC power adapter, ensuring the correct polarity.

2.6.2.2. Connect to RS485 signal enhancement extension unit VIS-SEU

Extract any two wires from the RS485 connection cable, the other end is also connected using the

corresponding cable, connects one end to the panel and then connects them on the RS485 signal enhancement extension unit, confirms the correct connection: A to A and B to B.



Connect the two devices separately to the power adapter to power on.

Figure 2.6.2.2 Connect to signal enhancement extension unit

2.7. Distributed Encoder VIS-DS200-I-P

2.7.1. Features and interfaces

The distributed encoder for paperless multimedia conference system is mainly used for inputting audio and video signals to a paperless multimedia conference system or outputting video signals from a paperless multimedia conference system to distributed systems.



Figure 2.7.1 VIS-DS200-I-P front and rear panel

Front panel:	
No./Name	Description
1,2.3. Indicator light	respectively correspond: 1. Power indicator light 2. Connection
	indicator light 3. Signal indicator light
4.LED screen display	LED screen displays the operation
5.USB2.0, 1USB3.0	Connect to keyboard or mouse and U Disk and other storage devices

Rear	panel:
------	--------

No./Name	Description		
6.HDMI interface	HDMI input, supports maximum resolution of 2K		
7.1*USB2.0	Connect to keyboard or mouse and other devices		
8.HDMI interface	HDMI output, supports maximum resolution of 2K		
9.Audio interface	3.5mm stereo audio input/output		
10.Serial transmission	1 RS-485, 1 RS-232; Infrared: 1 IR IN, 1 IR OUT; I/O: 1 I/O port		
interface			
11.Ethernet port	1 RJ45, 10/100/1000Base-T, supports POE		
12.Fiber port	1 SFP optical port		
13.Power supply	DC 12V		

2.7.2. Connection

The connection of a VIS-DS200-I-P with switch and external video and audio sources, external video sources are connected for image transmission via the HDMI input on the encoder. The encoder's network port is then connected to a switch to display images on the lift screen.



Figure 2.7.2 External video source access to switch via VIS-DS200-I-P

3. Configuration of Paperless System

3.1. Configuration of Conference System Server

3.1.1. Accessing the Web-Based Administration Panel

To access the login page, open Google Chrome on another device within the server or local network and enter the address 192.168.1.244:8080. Use the default username "root" and password "123456" to log in.



3.1.2. Meeting Room Layout

Select [Room and Device] and click [Room Management] to add a new meeting room. In the popup, enter the [Room Name] (required) and optionally the [Projection Width] and [Projection Height] then click [Confirm].

VISSONIC

VISSONIC	home page		Eng
Control In Meeting	home page × Room Management ×		
Room and Device	-		
Room Management	+ add create	×	
🧾 Seat Management	no. • room name	room name	operatik
	Projected	1920	
	Total 0 20/page v width		
Room Reservation	Projected	1080	
➢ Filing After Meeting	height		
∯E Role Management	description	description	
Setting			
		cancel confirm	

3.1.3. Seating arrangement

Select [Room and Device] and click [Seat Management] select a room, and then drag the icons in the list on the left to the canvas on the right, such as, equipment(unit), speaker lists, title and other functions.

VISSONIC	home page						
	home page × Room Management ×	home page × Room Management × Seat Management ×					
Room and Device ^							
Room Management							
Seat Management	Control List						
E Device Management		Paperless conference system					
Device Registration	(round)						
Room Reservation	Conference table						
Siling After Meeting	(square)						
ຖື ໄ : Role Management ~	Equipment						
🏚 Setting 🗸 🗸	Title	nor na na na					
	List of speakers						
	Rectangular array						
	Circular array						

Right-click on the unit device to edit, remove and rotate.



Edit the seat name of the unit and enter the unit ID. Please note: The unit ID must be bound to the corresponding seat name. (If the lift screen does not have a microphone, the unit ID can be set to 0)

For example: Name: Seat1, Unit ID: 1

In the client with ID 1, the seat name bound in the upper right corner must be "Seat1".

seat detail	×
no.	
63	
name	
Seat1	
unit ID (optional)	
1	
voting rights • enable	
cancel login 💿 close < open	
	cancel modify

3.1.4. Default User

Step 1: Select [Role Management] and [Department Management], click on [Add], enter the department name, and click [Save].

VISSONIC		home	page			
Control In Meeting	×	home page ×	Room Management ×	Seat Management ×	Department N	Management ×
Room and Device	\sim					
Room Reservation	~	+ add	l delete			
Filing After Meeting			No Data		parent	0
ດໍf: Role Management	~				node	
	nt				department	Sales
Identity Management					name	
2. User Management					sort	0
🏚 Setting	~					save cancel

Step 2: Open [Role Management], click on [Identity Management], then click on [Add] to add a new identity.

VISSONIC	home page		English
	home page × Room Manag	ment 🗴 💿 Seat Management 🗴 💿 Department Management 🗴 🕒 Identity Management 🗙	
	create	×	
	+ add	Delevel	
	serial num		operat
	1 * role co	delegate	
	2 descripti	delegate user	l ∉dit -
	3		l edit s
	4	cancel confirm	& edit

Step 3: Click on the permissions of the role to assign permissions.

VISSONIC	⊨ home page					English \vee 53 🔱		
$ equal Control In Meeting \qquad \qquad$	Control In Meeting							
$\widehat{\mbox{\ \ o}}$ Room and Device $\qquad \qquad \qquad$	Room and Device							
🔯 Room Reservation								
Filing After Meeting	serial number	role name	role code	role description	create time	operation		
8° 0.11	1	root	ROLE_ROOT	Administroator	2017-10-29 15:45			
Ct: Role Management ^	2	Chairman	Sys_Chairman	Chairman	2023-11-09 16:56	4 edit v permission		
Department Management	3	Assistant	Sys_Assistant	Assistant	2023-11-09 16:56	ℓ. edit ✓ permission		
R Identity Management	4	Attendee	Svs Attendee	Attendee	2023-11-09 16:56	Ø edit ✓ permission		
🎝 User Management						Provide the second seco		
🕸 Setting 🗸 🗸	9	Delegate	delegate	delegate user	2024-05-30 16:47	2 edit 🔯 delete 🗸 permission		

Step 4: Check the required functions and click update.

p	ermiss	sion	×	
m				
	- 🗖 O	peration permission		
	\checkmark	Start or stop screen sync		
	\checkmark	Start or stop projection		
	\checkmark	Follow Cast		
	\checkmark	Exit Follow		
-	\checkmark	Start or stop sign-in		
		Start or stop voting		
	\checkmark	Documents (page on client unit)		
	\checkmark	Save annotation		
	\checkmark	Upload files		
	\checkmark	Agenda (page on client unit)		
	\checkmark	Agenda operation		
	\checkmark	Message (page on client unit)		
	\checkmark	Service (page on client unit)		
	\checkmark	Assitant (page on client unit)		
	\checkmark	View other users' annotation		
	\checkmark	Microphone control		
	\checkmark	Login background on personal equipment to view public conference information		
		Reject control commands such as screen sync or projection		
	\checkmark	Home (page on client unit)		
	\checkmark	Attendee (page on client unit)		
	\checkmark	Discussion (page on client unit)		
	\checkmark	Voting (page on client unit)		
	\checkmark	Settings (page on client unit)		
		updat	e	
4				

Step 5: Click [User Management], click on [Add], enter user information, and click [OK]. For example: Create users named Lisa.

rd create	×
* Usernar	Lisa
* Passwo	br
R	le delegate user \lor
Departme	nt Sales
Positi	enter position
Pho	e enter phone no.
Em	all enter email
	cancel confirm

Step 6: Click "+" to upload a user picture. (Optional)

VISSONIC	in the test test test test test test test	ne page							English		кл 29	2 r
Control In Meeting	home page X	Departm	ent Management 🛛 🗙	Identity Manag	ement ×	 User Man 	agement ×					More
Room and Device	-	IC Care										
Room Reservation	~ au	IC Card										
Siling After Meeting	v serial nu mber	Usernam e	Role	avatar	IC	Departm ent	create ti me	Status	o	peration		
ດໍີE Role Management	^						2023-01-					
 Department Management 	1	root	Administroator	+			14 17:43	valid				
Identity Management	_											
2. User Management	7	Lisa	delegate user			Sales	2024-05-	valid	Ø. edit	i delete		
Setting							30 10:52					
	Total 2	20/page 🖂	< 1 >	Go to 1								

Step 7: Connect the IC card reader to the USB port of the server and turn on the IC card switch. Select the user, then put the IC card on the reader to read it and enter the IC card information of the corresponding user. Finally, turn off the IC card switch. (Optional)

VISSONIC	≡ h	ome page							English	~ кл ку	🙎 root s
	home page ×	Departm	ient Management 🛛 ×	Identity Manag	ement × [User Man	agement ×				More 🗸
Room and Device ·		10.000									
Room Reservation · ·	- ac	IC Card	1. C	port the loss of selec	a re;	on the loss c	n an				
Filing After Meeting	serial nu mber	Usemam e	Role	avatar	IC	Departm ent	create ti me	Status		operation	
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P Department Management	1	root	Administroator	+			14 17:43	valid			
🗐 Identity Management											
	7	Lisa	delegate user		592810F 9	Sales	2024-05- 30 16:52	valid	ℓ. edit	🖻 delete	
🗱 Setting 🗸 🗸											
	Total 2	20/page 🗸	< 1 >	Go to 1							

3.1.5. Set Unit ID

Step 1: After correctly connecting the lift screen, conference controller, server, and switch, power on to start the Unit ID setting process.

Step 2: When the LCD of the conference controller is operating on the main screen, follow the diagram below:

Step 3: Long-press the "ESC" key on the conference controller's front panel for about 2 seconds to enter ID editing mode. The LCD screen will display the ID setting status.

Step 4: Press the MIC button on the left side of the lift screen microphone to assign an ID number (starting from 1) to each lift screen microphone in sequence.

Step 5: Press all units, then long-press the "ESC" key on the conference controller for about 2 seconds. When the LCD screen returns to the main display, the ID setting is complete. Please remember the ID of each lifting screen microphone.

Note: Unit IDs must be unique to avoid issues like simultaneous activation, microphone noise, or lack of audio output. If issues arise, reset the unit IDs.

3.1.6. Add a meeting

Step 1: In [Room Reservation], click [Reservation Management], then click [booking a meeting]. Select the [Meeting Room] and enter the [Meeting Name].

[Permanent Meeting]: If chosen, no need to set [Meeting Time], if not, set the [Meeting Time] [Incognito Meeting]: Select "Yes" to automatically delete meeting information and files after the meeting. Select "No" to save the post-meeting documents and view them in the "Filing After Meeting" menu.

[Count Type]: For voting and sign-in.

[Meeting Description]: Optional theme and description.

VISSONIC	home page	reate ×	
	home page × Reser		
		room VISSONIC room V	
Room Reservation	booking a meeting	meeting MEETING1	
	< > today	name	
	Mon	permanent O No 🔿 Yes	Sat
		meeting	
	n	meeting time 📄 select date 🛛 🔿 start time - end time	
		Incognito 💿 No 🔅 Yes	
		meeting	
		count type Sign in before voting Sign in is not restricted before voting	
		meeting B I U H1 H2 IE IE E E Normal * Normal * Sans Senf * A 🖗 🗄	
		Insert text here	
		cancel confirm	

Step 2: Click [Seat Management] and select a meeting. Select a user in the user list and drag him to the designated seat for seat arrangement. The seat turns green, which means that the user of the green seat can log in to the client.

VISSONIC	home page	English 、
	home page × Reservation	n Management X 💽 Attendance Management X 🖉 File Management X 🖉 Seat Management X
Room and Device ·	monting MEETING1	
Room Reservation	meeting	Save Background Click to upload
Reservation Management	user list	Paparlass conference system
路 Attendance Management	P root	rapeness conference system
Voting Management	1001	
🗁 Document Management	Lisa	
🛐 Agenda Management		Seat1/Lisa Seat3/root Seat7
Siling After Meeting		
β́£ Role Management ∽		2 4 6 8
🕸 Setting 🗸		

Right-click the seat to add permissions, set the host. The red seat is for the host. And click [save]. It's essential to add a host to the meeting; otherwise, the meeting cannot proceed normally.

C rotate					
Sea 🖉 edit	Seat7		1 ma	0 cos	e
Setting as t	host	Seat1/Lisa	Seat3/root	Seat5	Seat7
S S setting as a	assistant 8			•	•
面 remove atte	tendee	Seat2 2	Seat4	Seat6 6	Seat8 8

Click "Click to upload" to upload image background.

meeting MEETING1	room Meeting room save Background Click to upload
user list	Paperless conference system
root	
Lisa	Seat1/Lisa Seat3/root Seat5 Seat7
	Seat2 Seat4 Seat6 Seat8 2 4 6 8

3.1.7. Register device serial number

Step 1: Open [Device Registration] under [Room and Device] on the backend server to view detected client serial numbers. If none are found, try restarting the device, server, or refreshing the webpage. (The following is the unregistered status)

VISSONIC	=	English V 52								
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Room and Device	^					Pulk registration :		conternal		
Room Management						Buik registration:	download	upioad		
📕 Seat Management		no.	serial number	Bound device	registration status	op	eration			
n Device Management		2	3B4F1E-7BEFBB-CF6 F80-B06083-B0F6EC- B3E3B4		8	register	🖻 delete			
			551 354							
Room Reservation	× .									
Siling After Meeting										
ồ€ Role Management	S. 1									

Step 2: Click [download] at the top right to download the serial number. Send the file to the manufacturer for registration. After getting the registration file, click "upload" to import the registration file. The registered status is green. Usually, it will be registered before leaving the factory, so this step may not be needed.

VISSONIC	Ξ	home page				English		-	3
	v rvation I	Management × Dev	rice Registration ×						Mo
Room and Device	-					Pulk registration :	deumloard		unload
Room Management						Duk registration.	uowinoau		upioau
📕 Seat Management		no.	serial number	Bound device	registration status		operation		
Device Management		2	3B4F1E-7BEFBB-CF6 F80-B06083-B0F6EC- B3F3B4		ø	ℓ edit	i delete		
Device Registration									
Room Reservation	~~								
Filing After Meeting	~								

3.1.8. Bind device seat name and unit ID

Method 1: Binding on the lift screen client

Step 1: Select [Room and Device] and click [Seat Management] on the web page. Check out the seat name and unit ID set here.

VISSONIC	home page
	home page × Room Management × Seat Management ×
Room and Device ^	
Room Management	
Seat Management	Control List
Device Management	Paperless conference system
Device Registration	Conference table (round)
Room Reservation	Conference table
$\ref{eq:Filing}$ Filing After Meeting $\qquad \qquad \lor$	(square)
ộf: Role Management ∨	Equipment
🔹 Setting	Title
	List of speakers
	Rectangular array
	Circular array

Step 2: Go to the client. Click the "VISSONIC" logo on the lift screen login page, the seat name binding will appear in the upper left corner, and the unique serial number of this device will appear in the lower left corner.

Current seat name Select a seat			
	VISSON	NIC	
I	PAPERLESS MULTIME	DIA SYSTEM	
	A usemanie		
	C password	۲	
	Login	Reset	
			(J.

Step 3: According to the ID set in 4.1.5, for example, the microphone ID of this device is 1. The seat name that this device needs to be bound to must be "Seat1". Corresponds to the seat name and unit ID in the [Seat Management] menu on the backend web page.

Click on the "Current seat name" in the upper left corner. Slide the seat name in the middle, select "Seat1", and then click "Bind" on the right.



You can see that the device is bound to the seat name "Seat1". Click the "VISSONIC" logo again to hide the seat name and serial number. Once seating is assigned, users can log in on the client side.

Current seat name Seat1)		
	VISSO	NIC	
PA	PERLESS MULTIN	MEDIA SYSTEM	
	A usemame	©	
384F1E-78EF8B-CF6F80-B06083-80F6EC-83F384	Login	Reset	

Method 2: Binding in the web page

Step 1: Open [Device Registration] under [Room and Device]. Click [Edit] next to the serial number to bind the device.

Room and Device ^					Dulla es sistentions :	
Room Management					Bulk registration:	download
📮 Seat Management	no.	serial number	Bound device	registration status	ор	eration
Device Management	2	3B4F1E-7BEFBB-CF6 F80-B06083-B0F6EC-		0	2 edit	🛍 delete
Device Registration		B3F3B4				

Step 2: Find the corresponding serial number on the lift screen, confirm the ID of this device, and bind the corresponding seat name. For example, if the ID of this unit is 1, need to bind "Seat1"

edit	×
serial number	3B4F1E-7BEFBB-CF6F80-B06083-B0F6EC-B3F3B4
* Bound device	Seat1 ~
	cancel confirm

The device with this serial number has been bound to "Seat1". Once seating is assigned, users can log in on the client side.

no.	serial number	Bound device	registration status	operation
2	3B4F1E-7BEFBB-CF6 F80-B06083-B0F6EC- B3F3B4	Seat1	0	🕹 edit 🗇 delete

3.1.9. Add meeting files

Open [Room Reservation] and [Document Management], Select a meeting, click [Upload], choose the file you want to upload and click [Open]. All uploaded files, except videos, will automatically convert to PDF format.

VISSONIC	English English	
	home page × Document Management ×	
Room and Device ·	meeting MEETING1 v back select all deselect all create folder Upload	
Room Reservation ^	aurrant folder nonition met folder	
C Reservation Management		
Attendance Management		
Voting Management		
Document Management	NETLINK G2 VISSONIC P	
🗟 Agenda Management		
Search Filing After Meeting		

3.1.10. Meeting voting topics

Open [Room Reservation] and [Voting Management]. Select a meeting, click [Add], enter the voting name, select voting type, statistical type, sign in or anonymous, voting time, pass radio and details, and finally click [Confirm].

VISSONIC	home page		
Control In Meeting ·	home page × Decument Management × Votin	Management ×	
Room and Device ·	motion METHICS		
3 Room Reservation	cr	eale	×
C Reservation Management	no. vote	1977004	ng passing ratio
Attendance Management			
Voting Management	Total 0 20/page < C > Go to	Voting1	
Document Management		vote type O vote election rank	
Agenda Management		Statistical valid for the first time voting	
e ³ Filing After Meeting Y		method	
I: Role Management ~		sign in or register on anonymity	
🔉 Setting 🗸 🗸		annymy	
		voting lime 💿 00.00	
	F	assing ratio - 50 + %	
		vote detail B, T, U, H, Ho, IE = IE IE	
		Insert faut here	-
		cancel confirm	

Note: If the voting type is election or rank, you need to click "discussion option", double-click the "option name" below, you can change or keep the default settings, close it, and finally click

[Confirm].			
VISSONIC	tome page		
Control In Meeting	home page X Document Management X	With Messgenet. ×	
Room and Device			
🔯 Room Reservation	meeting Mice (ING)	create ×	
G Reservation Management	no. vole		g passing ra
Attendance Management	11 Vot	meeting MEETING1 V	50%
Voting Management	Total 1 20/page - (1) Go1	vote name Voting2	
Document Management		vote type 🕐 vote 💽 election 🖉 rank 🚺 discussion option	
📴 Agenda Management		Statisfied 🔿 unlif for the fast free unline 🔹 🔿 unlif for the test free unline	
G Filing After Meeting		classical V valu to the list life young V valu to the text life young method	
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tht:Setting ⊻		anonymity enonymity	
de como			
		voting time 0 0000	
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		Insert for theme	
		cance) contim	

discussion	option			\otimes
Double-click the drag to sort. U	he option to edit. Dou Jp to 5 options	Ible-click the option again to exit editir	ng.	
option name	Candidate 1	modify		
		option name	operation	
		Candidate 1	D delete	
		Candidate 2	D delete	
		Candidate 3	i delete	
		Candidate 4	i delete	
		Candidate 5	🔟 delete	

3.1.11. Meeting agenda

Open [Room Reservation] and [Agenda Management]. Select a meeting, enter the agenda name. Choose the operation type (file or discussion), select the corresponding file or discussion (file or vote), enter the agenda description, and click [Add].

VISSONIC	home page			English	~ 23 🔒
	home page X Document Man	agement × 💿 Voting Manag	ement × Agenda Management ×	4	More
Room and Device ·	meeting: MEETING1				
Room Reservation	* agenda name		add		
Reservation Management	agenda ID - 2	+ operation no			
Attendance Management	agenda description				
Voting Management					
🕞 Document Management				ĥ	
📝 Agenda Management	agenda ID 韋	agenda name	operation	agenda description	edit
			VISSONIC Paperless Confere		
∯E Role Management ⊻	1	Video demo	nce System Function Demo.m p4	Paperless system demo	2 edit 🗐 delete
121					

3.1.12. Add cameras/conference controller

Operators can open the backend server management in [Room and Device], then click [Device Management] and [Add]. Enter the custom name and RTSP protocol address of the video source.

VISSONIC

Note: The cameras, and other RTSP streaming devices connected to the switch need to be in the same network segment as the server, segment 1. You can then watch the video source in [Discussion] on the client.

Camera's RTSP address format: rtsp://IP:554/1. Device type: Common type.

For cameras from other brands, consult their manufacturer.

VISSONIC	home page	English
- Control In Meeting	home page × © Document Management × © Voting Management × © Agenda Man	igement × Device Management ×
Room and Device	create	×
Room Management	device name Camera	
E Seat Management	address rtsp://192.168.1.89.554/1	type
Device Management		controller
Device Registration	device type • Common type Conference controller	
Room Reservation		
Filing After Meeting	c	ancel confirm
€ Role Management		



VISSONIC		≡	home page	3			English	
Control In Meeting	~	le home p	age × o	Document Management	× 💿 Voting Management × 💿 Agenda Managemen	t × Device M	lanagement ×	
Room and Device	~	room	create			×		
Room Management		room		device name	DS200-I			
Seat Management				addrose	dep://102.168.1.88:55//1080		type	operation
Device Management				address	hap.n 182,100,100,004/1000		controller	∠ edit
Device Registration				device type	Common type Conference controller		n type	ℓ_ edit
Room Reservation	~							
S Filing After Meeting	~				cancel	confirm		
β. € Role Management	~							

Add conference controller: Select the device type "Conference Controller", enter the conference controller name, which can be customized, and enter the IP address and port number of the conference controller. Note that the conference controller needs to be in the same LAN as the paperless server. To modify the conference controller IP address, please refer to the conference controller user manual. The address and port number input format are shown in the figure below: VIS-DCP2000 conference controller format: IP:10166. Device type: Conference controller

|--|

VISSONIC		≡	home page								English	
Control In Meeting	×	home pa	age × 💿	Document Management	×	Voting Managem	nent ×	Agenda Manage	ement ×	Device N	lanagement ×	
Room and Device	~		create							×		
Room Management		room		device name	DCF	2000 controller						
📕 Seat Management				address	192.	168.1.100:10166					type	operat
Device Management												
Device Registration				device type	O Co	mmon type 🛛 🧕	Conference	e controller				
Q Room Reservation			S	peaking countdown	O clo	se 🔿 open						
Siling After Meeting	n X			IC card enable	O clo	se 🔿 open						
ດໍ່£ Role Management	~											
Setting	~		7					can	icel	confirm		

3.1.13. Speaking Countdown

To enable the speaking countdown, go to [Room and Device] [Device Management]. Add or edit a conference controller, enable the countdown, and set the time.

VISSONIC

VISSONIC		home page		Englis
Control In Meeting	home p	page × Document Managemen	t 🗙 🕒 Voting Management 🗙 🗍 👁 Agenda Management 🗴 🗍	Device Management
Room and Device	^	edit		×
Room Management	Toom	device name	DCP2000 controller	
📮 Seat Management			102 120 1 100-10122	type
Device Management		address	192.108.1.100:10100	controll
Device Registration		device type	Common type Conference controller	n type
Room Reservation	×.	Speaking countdown	Close Open 30 S	n type
Filing After Meeting	~	IC card enable	• close O open	n type
ດໍ້ ໄ : Role Management	~			
Setting	×		cancel	modify

3.1.14. Control and Management

Backend control includes one-click power off, reboot, log out, and refresh. It also supports lift control with lift paperless terminals.

VISSONIC	home page				English	~ KA & ro		
Control In Meeting	home page × Syste	m Control ×				More		
Room and Device	add							
Room Reservation	serial numb	port	categories of control		operation			
Filing After Meeting	er							
∯E Role Management	× 1	COM1	screen	go	up stop	go dowm		
🔹 Setting	2	2 COM2 microphone go up						
System Control								
C System Update	serial numb er		description		operation			
	1	IIA	clients are shut down.		p	ower off		
	2	All		reboot				
	3	All		Log out				
	4	All c	lients refresh the page.			refresh		

3.1.15. Control during the Meeting

Microphone control: Open the [Microphone] in the [Control in Meeting]. Click the microphone icon. Microphone control allows you to activate or close microphones in the selected meeting room when bound to microphone IDs.

VISSONIC		home page
Control In Meeting	^	home page × Microphone ×
🕭 Sign-in		room Meeting room Zoom
اله Voting		
Room and Device	~	Paperless conference system
Room Reservation	~	
Filing After Meeting	~	
ņீ: Role Management	\sim	
Setting	~	
		Seat1/Lisa Seat3/root Seat5 Seat7 1 3 5 7
		Seat2 Seat4 Seat6 Seat8 2 4 6 8

Sign-In Control: Open the [Sign-in] in the [Control in Meeting]. Easily start or end sign-in with a single click during the meeting.



3. Voting Control: Open the [Voting] in the [Control in Meeting]. Initiate or conclude voting, decision-making, elections, and other topics with one click during the meeting.

VISSONIC		home page									
Control In Meeting	~	A bome page X Sign-in X Sign-in X									
& Microphone											
🕭 Sign-in		meeting MEET	ring1 ~								
		no.	vote name	vote detail	vote type	whether to sign in befo	effective vot	sign in or a	voting passi	discussion	operation
Room and Device	~					re voting	ing inne	nonymity	ng rato	Status	
Room Reservation	~	11	Voting1	view discus sion detail	vote	Sign in is n ot restricted before votin	valid for the last time vot	anonymity	50%	not start	
Filing After Meeting	~					g	ing				
ດີ້: Role Management	~	12	Voting2	view discus sion detail	election	Sign in is n ot restricted before votin	valid for the last time vot	anonymity	no passing ratio	not start	ℓ start voting
Setting	~					g	ing				
		Total 2 20/pag	ge v K 1 >	Go to 1							

3.1.16. Post meeting management

After the normal conclusion of the non-seamless meeting:

• can export the content to be saved, including check-in information, voting information, meeting information, annotation files, etc.;

• can be saved as a folder directory.

VISSONIC	home page
Control In Meeting	home page × File Management ×
Room and Device	v meeting MEETING1 v back normal mode
Room Reservation	current folder position root folder
Siling After Meeting	
β́£ Role Management	
Setting	VETLINK VISSONIC MEETING1- V G2 P SignIn Voting1-20 S Vote Voting1-20

3.1.17. Software update

System management can be a key to update Windows client or Android client, will need to update file upload, click update Windows client or Android client.

VISSONIC	home page	
Control In Meeting	✓ home page × ● System Update	×
Room and Device	-	
Room Reservation		
Siling After Meeting	Drag the update package file her	e, or click to upload
ဂို င် , Role Management	~	
Setting	Update PC Client Update PC Client	date PMU Client
System Control		
C System Update		

3.2. Configuration of Client

3.2.1. Client user login

Users log in to the client software, enter the user name and password in the login page, and then login to the main interface.



V CARRIER: 2.0.0.0----Client:2.15

3.2.2. Main client screen

6 Home	Agenda	Attendee	Discussion	Voting	Documents	Message	Service	Assistant	Settings
				MEE	FING1				
				17	·46				
				• •					
				Monday	6/3/2024				

• [Home]: Provide the name and time of the meeting.

• [Agenda]: The name of the current meeting and the meeting agenda, can be directly on the agenda.

• [Attendee]: Information and sign-in of participants.

• [Discussion]: The speaker lists, and watch the streaming videos added in the background [Device Management].

• [Voting]: Votes, elections, ratings added before the meeting, and anonymous voting added temporarily during the meeting.

• [Documents]: meeting view and U disk into the files and information.

• [Message]: Any participant can be selected for online text communication or voice communication (under development).

- [Service]: You can call water, pen and on-site technical support.
- [Assistant]: Control, announcement, service management.
- [Settings]: Setting, language, EQ, software version.
- [Floating ball]: Same screen, projection, keyboard, follow, return.

3.2.3. Agenda

The host or assistant opens the [Agenda] menu, selects an agenda in [Agenda Management] on the left, and clicks "Open file: xxx" under "Handle" to proceed with the agenda.

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3.2.4. User check-in

Open the [Attendee] interface, the interface of the host or assistant has a button to [initiate check-in] and [Stop check-in].



3.2.5. Conference discussion

Open the discussion interface, see the list of speakers, watch third-party video sources, camera signals, and more. Double-click the video screen to go full screen or exit full screen.

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3.2.6. Conference Speech

Participants can control their microphones using the physical buttons on the speaker unit. The chairman unit has the additional option to mute, turn off or allow delegates to speak.



In normal mode, the chairman unit can mute a delegate unit by pressing the veto button once, and close it by pressing it twice. In request mode, the chairman can approve or reject speaking requests from delegate units using the button controls or the speaking list.



Home	Agenda	Attendee	Discussion	Voting	Documents	Message	Service	Assistant	Settings
	Current speaker		No	Stream	Found (add	stream a	nd reload	page)	
	Username:Leo.John Time: 00:05:44	×							
	Username:Mr.PangMa ilang Time: 00:05:44	√ ×							

3.2.7. Conference voting

The host or assistant opens the voting interface and selects a vote in the voting list on the left to quickly initiate a vote. The voting process can be viewed on the projection screen. After the voting is over, the voting results can be viewed in [Documents].



3.2.8. Conference document

Users can choose a file and click to open it for reading; support uploading files from a local USB flash drive; support viewing check-in results and voting results. Click [Full Screen] to display in full screen, and click [Close] to close the document.

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3.2.9. Notes on Meeting

After logging in to the client, each participant can annotate the meeting files; the annotations will be saved in the backend management terminal [Document Management], and [Document Management] will automatically generate a user-named folder to save the file information of the meeting annotations.



3.2.10. Conference messages

Internal message exchange, can send text or voice to other participants for communication.

Home	Agenda	Attendee	e Discussion	Voting	Documents	Message	Service	Assistant	Settings
Q Search		Cancel							
	Chat		Lisa : hello						
	t t								
		[Message						Send

3.2.11. Conference services

Attendees can open service interface, call water, pen, assistant service and so on.

Home	Agenda	Attendee	Discussion	Voting	Documents	Message	Service	Assistant 😐	Settings
								-`@:-	
								•	
	Water			P	en			Assistant	
				Request s	ent success				

3.2.12. Assistant management

The host or assistant opens the [Assistant] interface to manage the meeting.

[Control] Select the participants to authorize/cancel, check or cancel the corresponding permissions.



Home	Agenda	Attendee	Discussion	Voting	Documents	Message	Service	(a) Assistant	Settings
Control									
Announc	ement	1	Current person for	sync screen:	Lisa				End Screen
Service [•]			Current person for	projection:Lis	a			E	nd Projection
			Person List		Forced sync screen		Forced project	tion	Status
			Lisa						2

[Announcement] Host or assistant can edit and publish the announcement.

Home	Agenda	Attendee	Discussion	Voting	Documents	Message	Service	(i) Assistant	Settings
Control								riv Deat for 5 min	utes V
Announce	ment		Lisa:Rest for 5	minutes				Ly Rescions min	
Service [•]									
			s						_
		Er	nter the announce	ement to be	published				
									Send
									Centra

[Service] The host or assistant can view and respond to the services requested by the conference participants.

Home	Agenda	Attendee	Discussion	Voting	Documents	Message	Service	(a) Assistant	Settings
Control									
Announce	ment		Applicant	Request conte	ent	Seat name		Operation	
🌾 Service			Lisa	Water		Seat1		Response to requests	

3.2.13. Conference Settings

Attendees to open the settings interface, can adjust log out, switching language, EQ, and to check the software version.

[Setting up] You can view attendee name and logout, and turn on/off video loop playback (temporary).

Home	Agenda	Attendee	Discussion	Voting	Documents	Message	Service	Assistant	Settings
율 Setting up			8 Lisa						
lan Language			/ \ LI3d						
∮∮ ∳ EQ			Logout						
E Version			Loop Playback						
			,						

[Language] Can switch between different languages.



He	ome	Agenda	Attendee	Discussion	Voting	Documents	Message	Service	Assistant	0	Settings
ß	Setting up										
lan	Language			Current language							
\$ [†] \$	EQ			简体中文							
F	Version			English							
				русский язык							
				español							
				بالعربية							
				Deutsch							
				Français							

[EQ] The sensitivity and 8-segment EQ of the microphone can be set.

Home	Agenda	Attendee	Discussion	Va	oting	Docu	uments	Mes	sage	Serv	vice	Assistant	Settings	
Setting up														
lan Language														
<mark>∮∮∮</mark> EQ				Quick :	_	0 +								
E Version				action .		0 1								
				30Hz	180Hz	330Hz	600Hz	1KHz	4KHz	12KHz	16KHz			
				Î	Î	Î	Î	Î	Î	Î	Î			
				0dB	0dB	0dB	0dB	0dB	0dB	0dB	0dB			
				DFF/ON							RESET			

[Version] View client version.

He	ome	Agenda	Attendee	Discussion	Voting	Documents	Message	Service	Assistant	Settings
2	Setting up									
lan	Language			Software Version						
\ \$ † \$	EQ			CARRIER: 2.	0.1.0client:	2.15				
Ē	Version									

3.2.14. Screen Sharing

The host or assistant can initiate screen sharing or projection by clicking on the floating ball [Same screen] or [Projection]. If they have the necessary permissions, indicated by a red circle in the lower-right corner of the icon if permissions are absent.



[Same screen] Easily share the screen content of this client with other attendees logged into the client interface.

[Projection] Project the screen content of this client onto a large screen.

[Fingerboard] The keyboard for this client.

[Follow] Users with the permission to follow can click to join the shared screen of another participant without actively entering screen sharing mode. They can also exit the screen sharing session.

[Return] Return to the previous level.

4. Common Troubleshooting Solutions

Symptoms of Malfunction	Solutions					
	1. Check if the server backend software is running properly.					
Unable to Access Server	2. Verify that the entered IP address is 192.168.1.244:8080.					
Backend Administration	Note: The colon should be entered in English.					
	3. Check if the network is on the same subnet.					
Unable to Create Mastings	1. Verify if the meeting room has been created.					
Chable to Create Meetings	2. Check if the meeting time has been added.					
Unable to Unload Files	1. Verify if the chairman has been assigned in the participant					
	management settings.					
Documents or Videos Cannot Be	1. Varify if the store on folder for files is groupely appreciated					
Viewed	1. verify if the storage folder for files is properly associate					