DigiBird Technology Co., Ltd.

UniStream

User Manual V1.7

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Table of Contents

PREFACE..I

ICON CONVENTIONS..I

TEXT SYMBOL CONVENTIONS.................................I

IMPORTANT NOTICE II

COPYRIGHT STATEMENT II

TRADEMARK STATEMENT.......................................II

LIMITATION OF LIABILITY.......................................II

THIRD-PARTY SOFTWARE STATEMENT..................II

1. SYSTEM INTRODUCTION 1

1.1. HARDWARE DESCRIPTION 1

1.2. SOFTWARE OVERVIEW 33

2. DISPLAY CONTROL...................................36

2.1. VIDEO WALL CONTROL 36

2.2. MATRIX SWITCHING.................................. 52

2.3. STATION PUSH 58

2.4. SIGNAL MANAGEMENT 59

2.5. MESSAGE POSTING 65

2.6. ONE-CLICK LOCAL CASTING 66

3. VIDEO ON DEMAND 68

3.1. SIGNAL ON DEMAND 68

3.2. SIGNAL PUSH 69

3.3. KVM CONTROL.. 72

3.4. SCREENSHOT OF ON-DEMAND PLAYBACK... 73

3.5. OTHER FUNCTIONS 75

4. VIDEO RECORDING..................................76

4.1. SIGNAL RECORDING 76

4.2. SCENE RECORDING.................................... 84

4.3. VIDEO WALL RECORDING............................88

4.4. VIDEO PLAYBACK..93

5. VIDEO CONFERENCE 96

5.1. INITIATE CONFERENCE 96

5.2. SCHEDULE CONFERENCE.............................98

5.3. CONFERENCE CONTROL..............................99

5.4. PRESET RECALLING 106

6. DEVICE MAINTENANCE 108

6.1. STATUS DASHBOARD 108

6.2. SYSTEM TOPOLOGY 109

6.3. ALARM MANAGEMENT 112

6.4. INTELLIGENT INSPECTION..........................113

6.5. INTELLIGENT DIAGNOSIS...........................115

7. ENVIRONMENTAL CONTROL 116

8. WORKSTATION APPLICATION 117

8.1. STATION LOGIN 117

8.2. OSD MENU INTRODUCTION 117

8.3. SIGNAL MANAGEMENT 120

8.4. EXTENDED SCREEN SWITCHING 123

8.5. SIGNAL CONTROL 124

8.6. SIGNAL PUSH..125

8.7. LAYOUT SETTINGS 137

8.8. SOUND SETTINGS 140

8.9. PRESET MANAGEMENT 141

8.10. FOLLOWING 145

8.11. WORKSTATION CONFERENCE.................146

8.12. MESSAGING INTERACTION 157

8.13. POWER ON/OFF 159

8.14. USB FLASH DRIVE USAGE......................160

8.15. SYSTEM MANAGEMENT 161

8.16. SECURE LOGIN 165

Preface

This manual applies to the DMIS visual management platform. Thank you for purchasing our product. Please read this manual carefully before use.

All images in this manual are for reference only; please refer to the actual product.

The descriptions in this manual may not correspond exactly to the products or accessories you purchase. Our company reserves the right to modify any information in this manual at any time and will periodically improve or update its content based on product feature enhancements. Updated content will be added to new versions of this manual without prior notice. Thank you for your understanding.

Icon Conventions

ℹ	INSTRUCTION	Necessary tips, supplements, and explanations will help you better understand the content described in the manual.
!	NOTE	The instructions and guidelines for operation will guide you to use the equipment more conveniently and efficiently.
🚫	WARNING	There may be potential hazards; please be aware that the device can be used safely.

Text Symbol Conventions

[ ]	Square Brackets	Identifies the area or window of the user interface, such as [Control Panel], which refers to the computer's Control Panel window.
"	Quotation Mark	User interface buttons. For example, "Center" means to center the selected content.
< >	Angle Brackets	Keyboard keys. For example, <CTRL+1> means pressing the "CTRL" key and the "1" key on the keyboard simultaneously.
→	Arrow	The order of options or menus for executing steps, such as selecting A→B, means selecting A first, and then selecting B.

Important Notice

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1. System Introduction

1.1. Hardware Description

UniStream, a network-distributed AV&KVM system developed by DigiBird Technology Co., Ltd., is designed based on the concept of IP-based resource pools. Combining deep and shallow compression, it easily enables the transmission, processing, and sharing of large-scale, cross-regional audio and video signals.

The distributed system can be widely used in scenarios such as command and control centers, monitoring centers, data centers, and dispatch centers. Whether it is a room, a building, a park, or even a cross-regional scenario, it can realize the sharing and distribution of signals at any time, break geographical restrictions, build a highly efficient collaborative team, and has the characteristics of flexibility, convenience, unified management, multi-faceted interaction, stability, reliability, and high-cost performance.

Three different product series are provided based on functional and visual differences: UniStream Tr series, UniStream Br/Br-L series, UniStream H-L series. Each series includes encoding nodes, decoding nodes, control devices, and mounting racks.

CLASSIFICATION	FEATURES
UniStream Tr series	VC2 shallow compressed bitstream and H.264 and H.265 deep compressed bitstream, 4:4:4 original color processing.
UniStream Br /Br-L series	H.264 and H.265 deeply compressed bitstreams.
UniStream H -L series	VC2 shallow compressed bitstream, 4:4:4 original color processing.

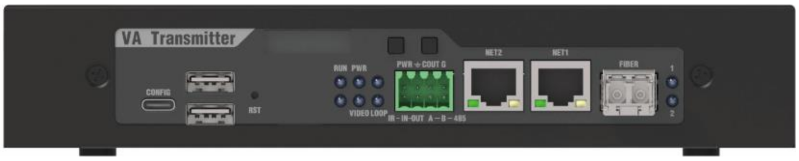
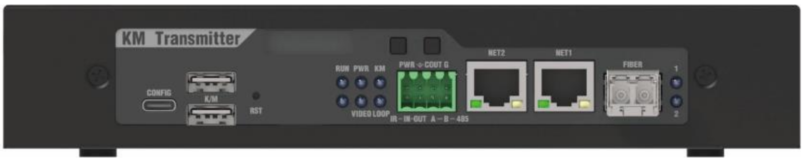
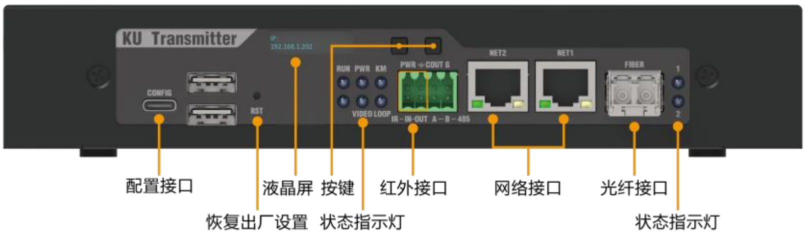
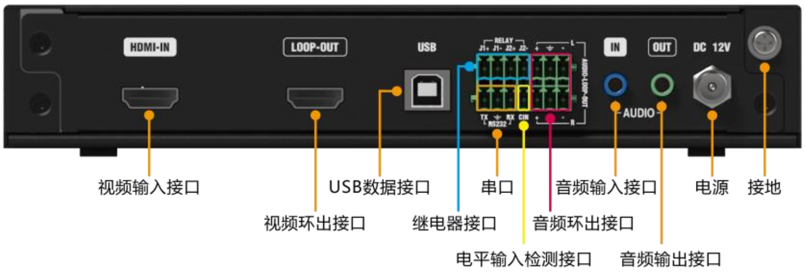
1.1.1. Tr Series

The UniStream Tr series encoding/decoding node types are shown in the table below:

CLASSIFICATION	APPLICATION TYPE	INTERFACE TYPE
ENCODING NODE	Workstation collaborative encoding node (KU)	HDMI / 4K HDMI / 4K60 HDMI / DP / 4K DP / 4K60 DP / DVI-I
	Workstation encoding node (KM)	HDMI / 4K HDMI / 4K60 HDMI / DP / 4K DP / 4K60 DP / DVI-I
	Audio/video encoding node (VA)	HDMI / 4K HDMI / 4K60 HDMI / DP / 4K DP / 4K60 DP / DVI-I / SDI
	10 gigabit workstation collaborative encoding node (KU)	Choose between 4K60 HDMI and 4K60 DP.
	10 gigabit workstation encoding node (KM)	Choose between 4K60 HDMI and 4K60 DP.
DECODING NODE	Workstation collaborative decoding node (KU)	HDMI / 4K HDMI / 4K60 HDMI / DP / 4K DP / 4K60 DP / DVI-I
	Workstation decoding node (KM)	HDMI / 4K HDMI / 4K60 HDMI / DP / 4K DP / 4K60 DP / DVI-I
	Audio/video decoding node (VW)	HDMI / 4K HDMI / 4K60 HDMI / DP / 4K DP / 4K60 DP / DVI-I / SDI
	Video wall decoding nodes (VA)	HDMI / 4K HDMI / 4K60 HDMI / DP / 4K DP / 4K60 DP / DVI-I
	Enhanced video wall decoding node (EVW)	4K60 HDMI
	10 gigabit workstation collaborative decoding node (KU)	Choose between 4K60 HDMI and 4K60 DP.
	10 gigabit host decoding node (KM)	Choose between 4K60 HDMI and 4K60 DP.

1.1.1.1. Encoding Node

1. **Product Appearance**

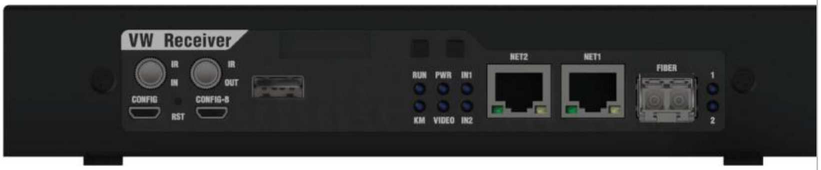
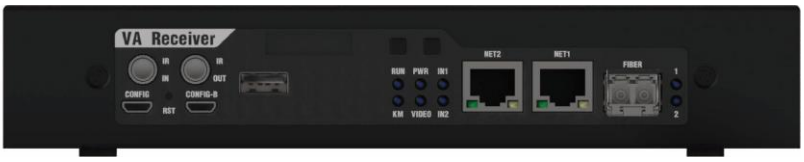
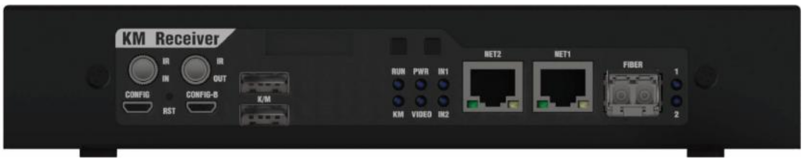
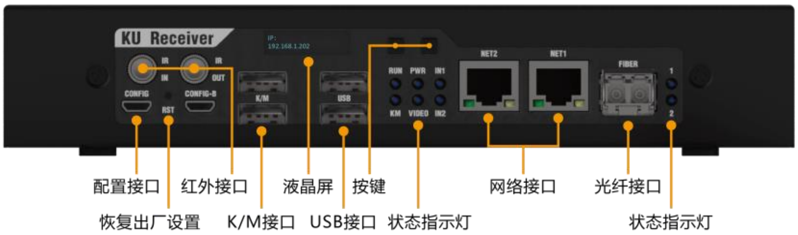
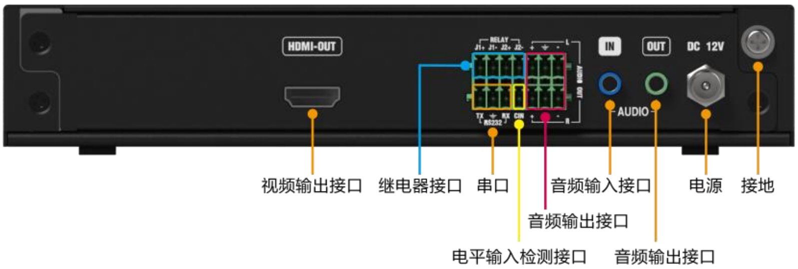
APPLICATION	APPEARANCE
AUDIO AND VIDEO ENCODING NODE (VA)	**前面板**  VA Transmitter CONFIG RST RUN PWR VIDEO LOOP NET2 NET1 FIBER
WORKSTATION ENCODING NODE (KM)	**前面板**  KM Transmitter CONFIG K/M RST RUN PWR KM VIDEO LOOP NET2 NET1 FIBER
WORKSTATION COLLABORATION ENCODING NODE (KU)	**前面板**  KU Transmitter 配置接口 液晶屏 按键 红外接口 网络接口 光纤接口 恢复出厂设置 状态指示灯 状态指示灯
/	**背面板**  HDMI-IN LOOP-OUT USB RELAY RS232 IN OUT DC 12V AUDIO 视频输入接口 USB数据接口 串口 音频输入接口 电源 接地 视频环出接口 继电器接口 音频环出接口 电平输入检测接口 音频输出接口 Note: The back panels of different types of encoding nodes are the same except for the video interface. The product's appearance is subject to the actual product.

2. Interface Description

INTERFACE	DESCRIPTION		
APPLICATION	**STATION COLLABORATIVE ENCODING NODE**	**STATION ENCODING NODE**	**AUDIO AND VIDEO ENCODING NODES**
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.		
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.		
LCD SCREEN	Supports displaying node IP and MAC addresses		
STATUS INDICATOR LIGHTS	RUN: Node running status indicator. Flashing indicates the node is running normally, while rapid flashing indicates the node is unclaimed. PWR: Power indicator light, stays on after startup. VIDEO: Video signal indicator light, stays on when there is input. KM: This indicator light stays on when a workstation is connected to a signal via a USB cable. This indicator light is currently not functional for audio/video nodes. LOOP: Video loop -out status indicator light, stays on when the output is normally connected. 1: The NET1 connection status indicator light on the network port stays on continuously during operation. 2: FIBER connection status indicator light, stays on during operation. Note: If neither 1 nor 2 is lit, it means that network port NET2 is working.		
BUTTON	Supports 2 buttons and accepts function customization.		
INFRARED INTERFACE	IR IN: Connect to an infrared receiver; IR OUT: Connect to the infrared transmitting device		
NETWORK INTERFACE	NET1, NET2: Two RJ45 network ports, supporting PoE power supply, fixed speed 1000Mbps		
FIBER OPTIC INTERFACE	FIBER: 1 SFP optical port (excluding optical module)		
VIDEO INPUT INTERFACE	Workstation nodes support HDMI / 4K-HDMI / 4K60-HDMI / DP / 4K-DP / 4K60-DP / DVI-I signal input, and audio/video nodes additionally support SDI signal input.		
VIDEO LOOP-OUT INTERFACE	Workstation nodes support HDMI / 4K-HDMI / 4K60-HDMI / DP / 4K-DP / 4K60-DP / DVI-I signal loop-out, and audio/video nodes additionally support SDI signal loop-out.		
USB DATA INTERFACE	USB: Connects to a signal, transmitting KM signals and USB data signals.	USB: Connects to a signal and transmits KM signals.	Reserve
RELAY INTERFACE	RELAY: Supports connecting two relay devices to achieve relay switching control.		
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.		
LEVEL INPUT DETECTION INTERFACE	CIN: 1-channel level input detection interface		
AUDIO LOOP-OUT INTERFACE	AUDIO-LOOP-OUT: Phoenix terminal audio loop-out interface		
AUDIO INPUT INTERFACE	AUDIO IN: 3.5mm audio input jack		
AUDIO OUTPUT INTERFACE	AUDIO OUT: 3.5mm audio output jack for bidirectional audio transmission.		
POWER SUPPLY	DC 12V: Power connection interface, 12V DC power supply.		

1.1.1.2. Decoding Node

1. **Product Appearance**

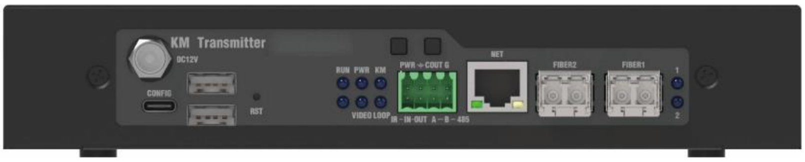
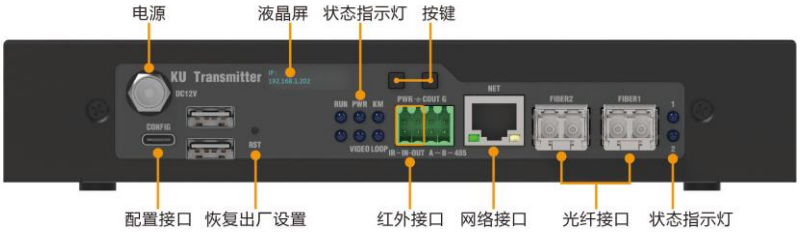
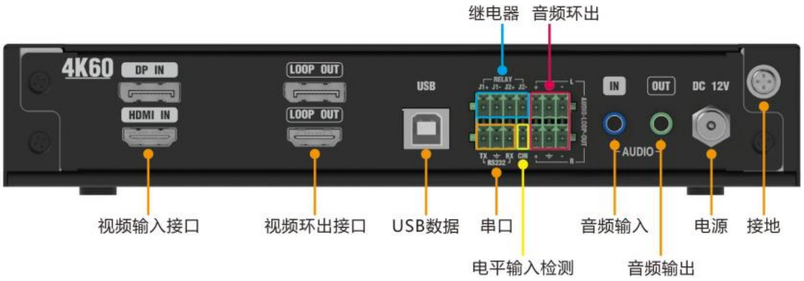
APPLICATION	APPEARANCE
VIDEO WALL DECODING NODE (VW)	前面板  VW Receiver CONFIG CONFIG-B RST IR IN OUT RUN PWR IN1 KM VIDEO IN2 NET2 NET1 FIBER
AUDIO AND VIDEO DECODING NODE (VA)	前面板  VA Receiver CONFIG CONFIG-B RST IR IN OUT RUN PWR IN1 KM VIDEO IN2 NET2 NET1 FIBER
WORKSTATION DECODING NODE (KM)	前面板  KM Receiver CONFIG CONFIG-B RST IR IN OUT K/M RUN PWR IN1 KM VIDEO IN2 NET2 NET1 FIBER
WORKSTATION COLLABORATION DECODING NODE (KU)	前面板  KU Receiver IP: 192.168.1.202 CONFIG CONFIG-B RST K/M USB NET2 NET1 FIBER 配置接口 红外接口 液晶屏 按键 网络接口 光纤接口 恢复出厂设置 K/M接口 USB接口 状态指示灯 状态指示灯
/	背面板  HDMI-OUT RELAY J1+ J1- J2+ J2- TX RX CIN RS232 AUDIO OUT IN OUT AUDIO DC 12V 视频输出接口 继电器接口 串口 音频输入接口 电源 接地 音频输出接口 电平输入检测接口 音频输出接口 Note: The back panels of different types of decoding nodes are the same except for the video interface. The product's appearance is subject to the actual product.

2. Interface Description

INTERFACE	DESCRIPTION			
APPLICATION	**WORKSTATION COLLABORATIVE DECODING NODE**	**WORKSTATION DECODING NODE**	**AUDIO AND VIDEO DECODING NODES**	**VIDEO WALL DECODING NODES**
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.			
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.			
INFRARED INTERFACE	IR IN: Connect to an infrared receiver; IR OUT: Connect to an infrared transmitting device			
K/M INTERFACE	K/M: 2x USB Type A, for connecting a mouse and keyboard to enable Station control.		/	/
USB INTERFACE	USB: 2x USB Type A, for connecting USB flash drives and other devices to enable USB data transfer.	/	/	/
LCD SCREEN	Supports displaying node IP and MAC addresses			
BUTTON	Supports 2 buttons and accepts function customization.			
STATUS INDICATOR LIGHTS	RUN: Node running status indicator. Flashing indicates the node is running normally, while rapid flashing indicates the node is unclaimed. KM: This indicator light stays on when the mouse and keyboard are properly connected for agent-type nodes; this indicator light does not currently have a function for non-agent-type nodes. PWR: Power indicator light, stays on after startup. VIDEO: Video output status indicator light, stays on when connected to a monitor. IN1: Reserved IN2: NET2 port connection status indicator light, constantly lit during operation. 1: The NET1 port connection status indicator light is constantly on when the device is in operation. 2: FIBER fiber optic interface connection status indicator light, stays on during operation.			
NETWORK INTERFACE	NET1, NET2: Two RJ45 network ports, supporting PoE power supply, fixed speed 1000Mbps			
FIBER OPTIC INTERFACE	FIBER: 1 SFP optical port (excluding optical module)			
VIDEO OUTPUT INTERFACE	Workstation units and video wall nodes support HDMI / 4K-HDMI / 4K60-HDMI / DP / 4K-DP / 4K60-DP / DVI-I signal output. Audio and video nodes additionally support SDI signal output.			
RELAY INTERFACE	RELAY: Supports connecting two relay devices to achieve relay switching control.			
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.			
LEVEL INPUT DETECTION INTERFACE	CIN: 1-channel level input detection interface			
AUDIO INPUT INTERFACE	AUDIO IN: 3.5 mm audio input jack for bidirectional audio transmission.			Reserve
AUDIO OUTPUT INTERFACE	AUDIO OUT: Phoenix connector & 3.5mm audio jack, for connecting headphones/speakers and other devices to achieve audio output.			
POWER SUPPLY	DC 12V: Power connection interface, 1.2V DC power supply.			

1.1.1.3. 10 Gigabit Encoding Node

1. **Product Appearance**

APPLICATION	APPEARANCE
WORKSTATION ENCODING NODE (KM)	**前面板** 
WORKSTATION COLLABORATION ENCODING NODE (KU)	**前面板** 
/	**背面板** 

KM Transmitter
DC12V
CONFIG
RST
RUN PWR KM
VIDEO LOOP
PWR COUT
NET
FIBER2
FIBER1

电源
液晶屏
状态指示灯
按键
KU Transmitter
配置接口
恢复出厂设置
红外接口
网络接口
光纤接口
状态指示灯

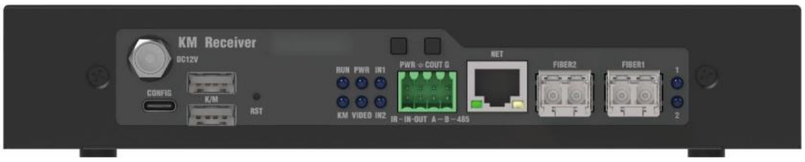
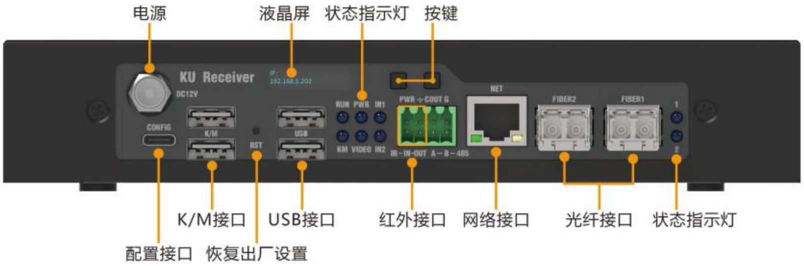
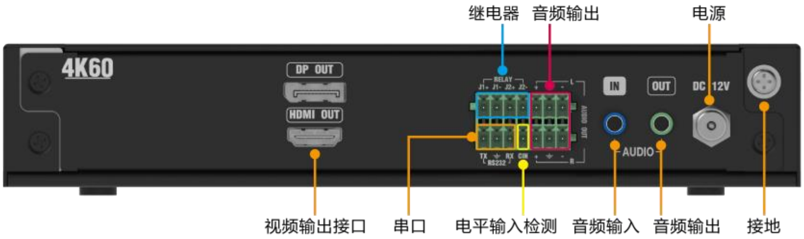
继电器
音频环出
4K60
DP IN
HDMI IN
LOOP OUT
LOOP OUT
USB
RELAY
IN
OUT
DC 12V
AUDIO
视频输入接口
视频环出接口
USB数据
串口
音频输入
电源
接地
电平输入检测
音频输出

2. Interface Description

INTERFACE	**DESCRIPTION**	
APPLICATION	**WORKSTATION COLLABORATIVE ENCODING NODE**	**WORKSTATION ENCODING NODE**
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.	
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.	
LCD SCREEN	Supports displaying node IP and MAC addresses	
STATUS INDICATOR LIGHTS	RUN: Node running status indicator. Flashing indicates the node is running normally, while rapid flashing indicates the node is unclaimed. PWR: Power indicator light, stays on after startup. VIDEO: Video signal indicator light, stays on when there is input. KM: Always on when connected to a signal via USB cable LOOP: Video loop -out status indicator light, stays on when the output is normally connected. 1: The NET connection status indicator light on the network port stays on continuously during operation. 2: FIBER 1 connection status indicator light, stays on during operation. Note: If neither 1 nor 2 is lit, it means that the optical port FIBER 2 is working.	
BUTTON	Supports 2 buttons and accepts function customization.	
INFRARED INTERFACE	IR IN: Connect to an infrared receiver; IR OUT: Connect to an infrared transmitting device	
NETWORK INTERFACE	NET: Reserved interface, RJ45 network port, supports PoE power supply, fixed speed 1000Mbps	
FIBER OPTIC INTERFACE	FIBER 1 and FIBER 2: Two SFP optical ports that serve as backups for each other (excluding optical modules).	
VIDEO INPUT INTERFACE	Choose between 4K60 HDMI and 4K60 DP.	
VIDEO LOOP-OUT INTERFACE	Video signal loop-out, choose between 4K60 HDMI and 4K60 DP.	
USB DATA	USB: Connects to a signal, transmitting KM signals and USB data signals.	USB: Connects to a signal and transmits KM signals.
RELAY	RELAY: Supports connecting two relay devices to achieve relay switching control.	
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.	
LEVEL INPUT DETECTION	CIN: 1-channel 5V level input detection interface	
AUDIO LOOP-OUT	AUDIO-LOOP-OUT: Phoenix terminal balanced audio, supports embedded audio loop-out.	
AUDIO INPUT	AUDIO IN: 3.5mm audio input jack, supports embedded audio input.	
AUDIO OUTPUT	AUDIO OUT: 3.5mm audio output jack for bidirectional audio transmission.	
POWER SUPPLY	DC 12V: Two 12V DC power interfaces, supporting power backup.	

1.1.1.4. 10 Gigabit Decoding Node

1. **Product Appearance**

APPLICATION	APPEARANCE
WORKSTATION DECODING NODE (KM)	**前面板**  KM Receiver CONFIG K/M RST RUN PWR IN1 KM VIDEO IN2 PWR COUT G IR-IN-OUT A-B-485 NET FIBER2 FIBER1
WORKSTATION COLLABORATION DECODING NODE (KU)	**前面板**  电源 液晶屏 状态指示灯 按键 KU Receiver K/M接口 USB接口 红外接口 网络接口 光纤接口 状态指示灯 配置接口 恢复出厂设置
/	**背面板**  继电器 音频输出 电源 4K60 DP OUT HDMI OUT IN OUT DC 12V AUDIO 视频输出接口 串口 电平输入检测 音频输入 音频输出 接地

2. Interface Description

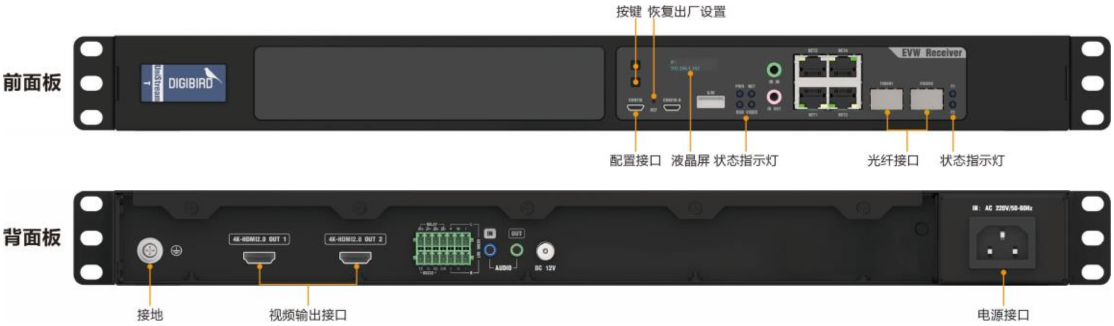
INTERFACE	**DESCRIPTION**	
APPLICATION	**WORKSTATION COLLABORATIVE DECODING NODE**	**WORKSTATION DECODING NODE**
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.	
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.	
INFRARED INTERFACE	IR IN: Connect to an infrared receiver; IR OUT: Connect to an infrared transmitting device	
K/M INTERFACE	K/M: 2x USB Type A, for connecting a mouse and keyboard to enable Station control.	
USB INTERFACE	USB: 2x USB Type A, for connecting USB flash drives and other devices to enable USB data transfer.	/
LCD SCREEN	Supports displaying node IP and MAC addresses	
BUTTON	Supports 2 buttons and accepts function customization.	
STATUS INDICATOR LIGHTS	RUN: Node running status indicator. Flashing indicates the node is running normally, while rapid flashing indicates the node is unclaimed. KM: Light stays on when the mouse and keyboard are properly connected. PWR: Power indicator light, stays on after startup. VIDEO: Video output status indicator light, stays on when connected to a monitor. IN1: Reserved IN2: FIBER 2 optical port connection status indicator light, always on during operation. 1: FIBER 1 optical port connection status indicator light, stays on during operation. 2: NET port connection status indicator light, stays on while working.	
NETWORK INTERFACE	NET: Reserved interface, RJ45 network port, supports PoE power supply, fixed speed 1000Mbps	
FIBER OPTIC INTERFACE	FIBER 1 and FIBER 2: Two SFP optical ports that serve as backups for each other (excluding optical modules).	
VIDEO OUTPUT INTERFACE	Choose between 4K60 HDMI and 4K60 DP.	
RELAY	RELAY: Supports connecting two relay devices to achieve relay switching control.	
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.	
LEVEL INPUT DETECTION	CIN: 1-channel 5V level input detection interface	
AUDIO INPUT	AUDIO IN: 3.5 mm audio input jack for bidirectional audio transmission.	
AUDIO OUTPUT	AUDIO OUT: Phoenix terminal balanced audio & 3.5mm audio jack, for connecting headphones/speakers and other devices to achieve audio output.	
POWER SUPPLY	DC 12V: Two 12V DC power interfaces, supporting power backup.	

1.1.1.5. Enhanced Video Wall Decoding Node

The enhanced video wall decoding node comes in two forms: a single node in a 1U chassis and a dual node in a 1U chassis.

In single-node mode, it supports 2-channel 4K60 HDMI video outputs, while in dual-node mode, it supports 4-channel 4K60 HDMI video outputs, enabling multi-screen video wall displays. Each interface supports up to eight 4K windows and simultaneously supports 9-view/16-view display on a single screen, with a maximum bitrate resolution of 4K60. Output backup is supported to ensure a stable display on the spliced Video Wall.

Taking a single-node configuration as an example, the device interfaces and indicator lights are described below:



INTERFACE	DESCRIPTION
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.
LCD SCREEN	Supports displaying node IP and MAC addresses.
STATUS INDICATOR LIGHTS	POWER: Power indicator light, stays on after startup. RUN: Node running status indicator. Flashing indicates the node is running normally, while rapid flashing indicates the node is unclaimed. NET: Reserved VIDEO: Video output status indicator light, stays on when connected to a monitor. F1: Fiber optic connection status indicator light, stays on when FIBER1 is working. F2: Fiber optic connection status indicator light, stays on when FIBER2 is working.
BUTTON	Supports 2 buttons and accepts function customization.
FIBER OPTIC INTERFACE	FIBER1 and FIBER2: Two 10 Gigabit fiber optic interfaces with a speed of 10 Gbps (excluding optical modules).
VIDEO OUTPUT INTERFACE	2x 4K60-HDMI signal output interfaces
POWER SUPPLY	IN AC 220V/50-60Hz: 220V AC power interface
OTHER INTERFACES	Reserve

The device can transmit embedded audio; please refer to the actual product for its appearance.

1.1.2. Br/Br-L Series

The UniStream Br series encoding/decoding node types are shown in the table below:

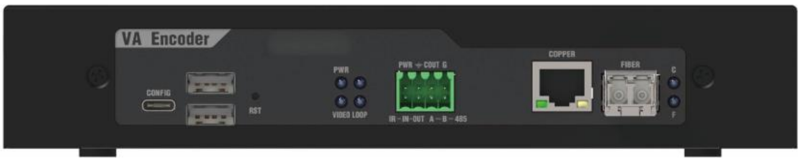
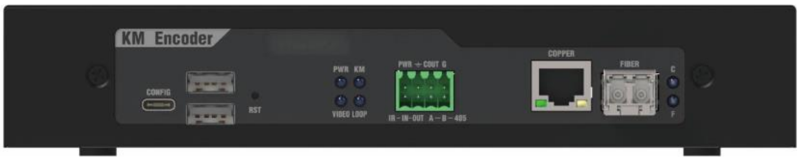
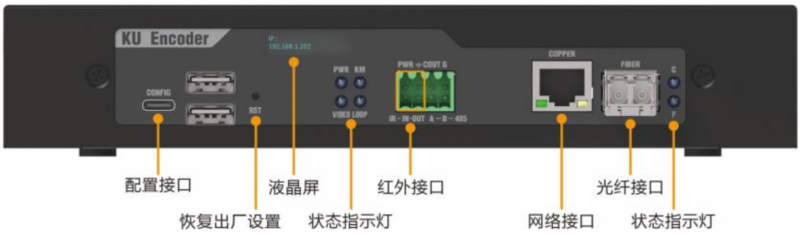
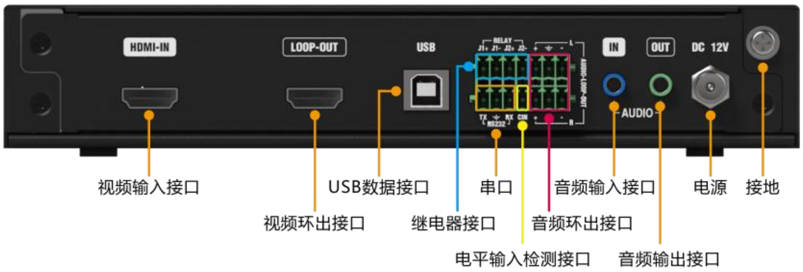
CLASSIFICATION	APPLICATION TYPE	INTERFACE TYPE
ENCODING NODE	Workstation collaborative encoding node (KU)	HDMI / 4K HDMI / DP / 4K DP / DVI-I
	Workstation encoding node (KM)	HDMI / 4K HDMI / DP / 4K DP / DVI-I
	Audio/video encoding node (VA)	HDMI / 4K HDMI / DP / 4K DP / DVI-I / SDI
DECODING NODE	Workstation collaborative decoding node (KU)	HDMI / 4K HDMI / DP / 4K DP / DVI-I
	Workstation decoding node (KM)	HDMI / 4K HDMI / DP / 4K DP / DVI-I
	Audio/video decoding node (VA)	HDMI / 4K HDMI / DP / 4K DP / DVI-I / SDI
	Video wall decoding nodes (VW)	HDMI / 4K HDMI / DP / 4K DP / DVI-I
DUAL-PATH ENCODING NODE	Workstation encoding node (KM)	HDMI / DVI
	Audio/video encoding node (VA)	HDMI / DVI
DUAL-PATH DECODING NODE	Workstation decoding node (KM)	HDMI / DVI
	Audio/video decoding node (VA)	HDMI / DVI

The UniStream Br-L series encoder/decoder node types are shown in the table below:

CLASSIFICATION	APPLICATION TYPE	INTERFACE TYPE
ENCODING NODE	Workstation collaborative encoding node (KU)	HDMI / 4K HDMI
	Workstation encoding node (KM)	HDMI / 4K HDMI
DECODING NODE	Workstation collaborative decoding node (KU)	HDMI / 4K HDMI
	Workstation decoding node (KM)	HDMI / 4K HDMI
	Video wall decoding nodes (VW)	HDMI / 4K HDMI
ENHANCED ENCODING NODE	Workstation collaborative encoding node (KU)	4K60 HDMI-DP
	Workstation encoding node (km)	4K60 HDMI-DP / 4K HDMI
ENHANCED DECODING NODE	Workstation collaborative decoding node (KU)	4K60 HDMI-DP
	Workstation decoding node (km)	4K60 HDMI-DP
	Video wall decoding nodes (VW)	4K60 HDMI-DP

1.1.2.1. Encoding Node

1. **Product Appearance**

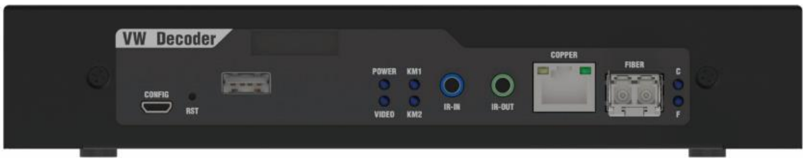
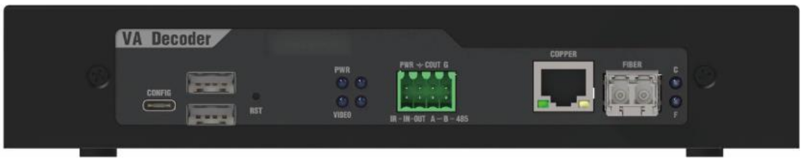
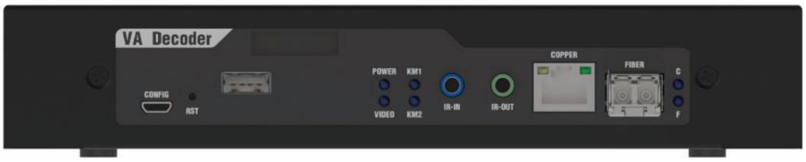
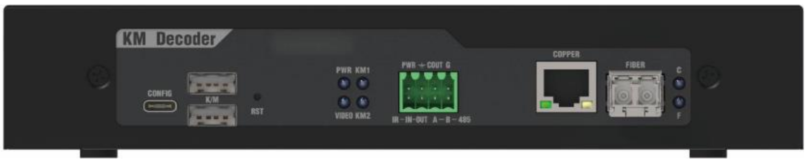
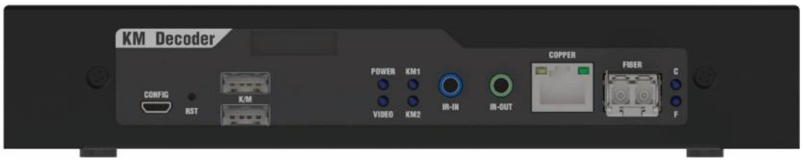
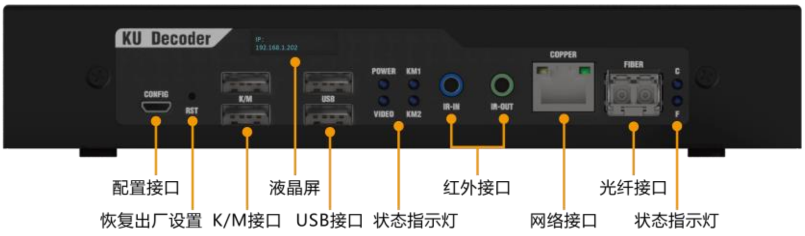
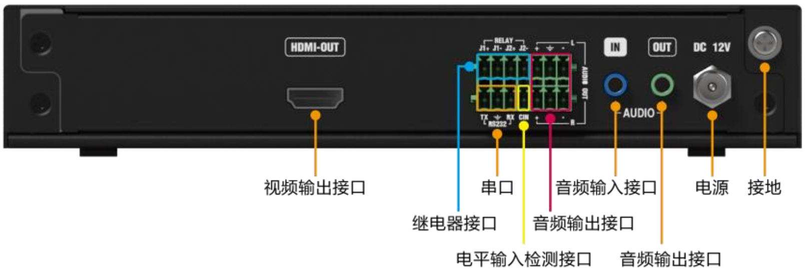
APPLICATION	APPEARANCE
AUDIO AND VIDEO ENCODING NODE (VA)	**前面板**  VA Encoder CONFIG RST PWR VIDEO LOOP PWR ⏚ COUT G IR – IN-OUT A – B – 485 COPPER FIBER C F
WORKSTATION CODE NODE (KM)	**前面板**  KM Encoder CONFIG RST PWR KM VIDEO LOOP PWR ⏚ COUT G IR – IN-OUT A – B – 485 COPPER FIBER C F
WORKSTATION COLLABORATION ENCODING NODE (KU)	**前面板**  KU Encoder CONFIG RST PWR KM VIDEO LOOP PWR ⏚ COUT G IR – IN-OUT A – B – 485 COPPER FIBER C F 配置接口 液晶屏 红外接口 光纤接口 恢复出厂设置 状态指示灯 网络接口 状态指示灯
/	**背面板**  HDMI-IN LOOP-OUT USB RELAY IN OUT DC 12V AUDIO RS232 视频输入接口 USB数据接口 串口 音频输入接口 电源 接地 视频环出接口 继电器接口 音频环出接口 电平输入检测接口 音频输出接口 Note: The back panels of different types of encoding nodes are the same except for the video interface. The product's appearance is subject to the actual product.

2. Interface Description

INTERFACE	DESCRIPTION		
APPLICATION	**WORKSTATION COLLABORATIVE ENCODING NODE**	**WORKSTATION ENCODING NODE**	**AUDIO AND VIDEO ENCODING NODES**
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.		
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.		
LCD SCREEN	Supports displaying node IP and MAC addresses		
STATUS INDICATOR LIGHTS	PWR: Power indicator light, stays on after startup. VIDEO: Video signal indicator light, stays on when there is input. KM: This indicator light stays on when a workstation is connected to a signal via a USB cable. This indicator light is currently not functional for audio/video nodes. LOOP: Video loop -out signal indicator light, stays on when connected to a monitor. C: Network port connection status indicator light, always on during operation. F: Fiber optic connection status indicator light, always on during operation.		
INFRARED INTERFACE	IR IN: Connect to an infrared receiver; IR OUT: Connect to an infrared transmitting device		
NETWORK INTERFACE	COPPER: 1 RJ45 network port, supports PoE power supply, fixed speed 1000Mbps		
FIBER OPTIC INTERFACE	FIBER: 1 SFP optical port (excluding optical module)		
VIDEO INPUT INTERFACE	BR series: Station nodes support HDMI / 4K-HDMI / DP / 4K-DP / DVI-I signal input; audio and video nodes additionally support SDI signal input. Br -L series: Supports HDMI / 4K-HDMI signal input		
VIDEO LOOP-OUT INTERFACE	BR series: Station nodes support HDMI / 4K-HDMI / DP / 4K-DP / DVI-I signal loop-out; audio and video nodes additionally support SDI signal loop-out. Br -L series: Supports HDMI / 4K-HDMI signal loop-out		
USB DATA INTERFACE	USB: Connects to a signal, transmitting KM signals and USB data signals.	USB: Connects to a signal and transmits KM signals.	Reserve
RELAY INTERFACE	RELAY: Supports connecting two relay devices to achieve relay switching control.		
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.		
LEVEL INPUT DETECTION INTERFACE	CIN: 1-channel level input detection interface		
AUDIO LOOP-OUT INTERFACE	AUDIO-LOOP-OUT: Phoenix terminal audio loop-out interface		
AUDIO INPUT INTERFACE	AUDIO IN: 3.5mm audio input jack		
AUDIO OUTPUT INTERFACE	AUDIO OUT: 3.5mm audio output jack for bidirectional audio transmission.		
POWER SUPPLY	DC 12V: Power connection interface, 1.2V DC power supply.		

1.1.2.2. Decoding Node

1. **Product Appearance**

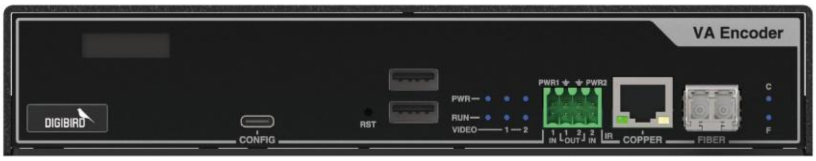
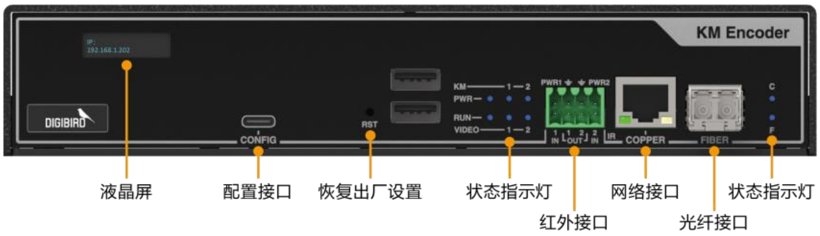
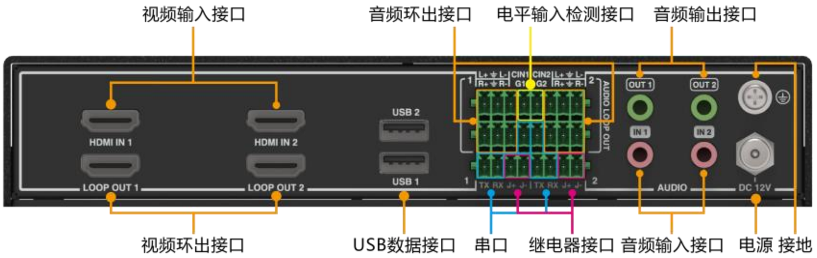
APPLICATION	APPEARANCE
VIDEO WALL DECODING NODE (VW)	前面板  VW Decoder CONFIG RST POWER KM1 VIDEO KM2 IR-IN IR-OUT COPPER FIBER
AUDIO AND VIDEO DECODING NODE (VA)	前面板 (1)  VA Decoder CONFIG RST PWR VIDEO COPPER FIBER 前面板 (2)  VA Decoder CONFIG RST POWER KM1 VIDEO KM2 IR-IN IR-OUT COPPER FIBER Note: For the appearance of the front panel of the HDMI/DVI node, see front panel (1); for the other nodes, see front panel (2).
WORKSTATION DECODING NODE (KM)	前面板 (1)  KM Decoder CONFIG K/M RST PWR KM1 VIDEO KM2 COPPER FIBER 前面板 (2)  KM Decoder CONFIG RST K/M POWER KM1 VIDEO KM2 IR-IN IR-OUT COPPER FIBER Note: For the appearance of the front panel of the HDMI/DVI node, see front panel (1); for the other nodes, see front panel (2).
WORKSTATION COLLABORATION DECODING NODE (KU)	前面板  KU Decoder CONFIG RST K/M USB POWER KM1 VIDEO KM2 IR-IN IR-OUT COPPER FIBER 配置接口 液晶屏 红外接口 光纤接口 恢复出厂设置 K/M接口 USB接口 状态指示灯 网络接口 状态指示灯
	背面板  HDMI-OUT RELAY RS232 IN OUT DC 12V AUDIO 视频输出接口 串口 音频输入接口 电源 接地 继电器接口 音频输出接口 电平输入检测接口 音频输出接口 Note: The back panels of different types of decoding nodes are the same except for the video interface. The product's appearance is subject to the actual product.

2. Interface Description

INTERFACE	**DESCRIPTION**			
APPLICATION	**WORKSTATION COLLABORATIVE DECODING NODE**	**WORKSTATION DECODING NODE**	**AUDIO AND VIDEO DECODING NODES**	**VIDEO WALL DECODING NODES**
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.			
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.			
INFRARED INTERFACE	IR IN: Connect to an infrared receiver; IR OUT: Connect to an infrared transmitting device			
K/M INTERFACE	K/M: 2x USB Type A, for connecting a mouse and keyboard to enable Station control.		/	/
USB INTERFACE	USB: 2x USB Type A, for connecting USB flash drives and other devices to enable USB data transfer.	/	/	/
LCD SCREEN	Supports displaying node IP and MAC addresses			
STATUS INDICATOR LIGHTS	POWER, PWR: Power indicator lights, stay on after startup. VIDEO: Video output status indicator light, stays on when connected to a monitor. KM 1: For agent-type nodes, this indicator light stays on when a device is connected to the KM interface; for non-agent-type nodes, this indicator light currently has no function. KM 2: For agent-type nodes, this indicator light stays on when a device is connected to the KM interface below; for non-agent-type nodes, this indicator light currently has no function. C: Network port connection status indicator light, always on during operation. F: Fiber optic connection status indicator light, always on during operation.			
NETWORK INTERFACE	COPPER: 1 RJ45 network port, supports PoE power supply, fixed speed 1000Mbps			
FIBER OPTIC INTERFACE	FIBER: 1 SFP optical port (excluding optical module)			
VIDEO OUTPUT INTERFACE	BR series: Station units and video wall nodes support HDMI / 4K-HDMI / DP / 4K-DP / DVI-I signal output; audio and video nodes additionally support SDI signal output. Br -L series: Supports HDMI / 4K-HDMI signal output			
RELAY INTERFACE	RELAY: Supports connecting two relay devices to achieve relay switching control.			
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.			
LEVEL INPUT DETECTION INTERFACE	CIN: 1-channel level input detection interface			
AUDIO INPUT INTERFACE	AUDIO IN: 3.5 mm audio input jack for bidirectional audio transmission.			Reserve
AUDIO OUTPUT INTERFACE	AUDIO OUT: Phoenix connector & 3.5mm audio jack, for connecting headphones/speakers and other devices to achieve audio output.			
POWER SUPPLY	DC 12V: Power connection interface, 1.2V DC power supply.			

1.1.2.3. Dual-Channel Encoding Node

1. **Product Appearance**

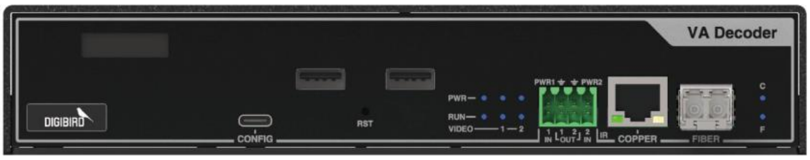
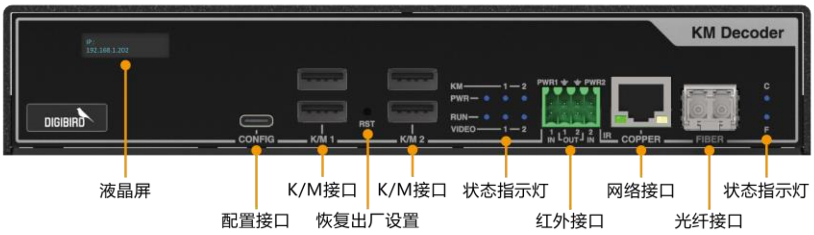
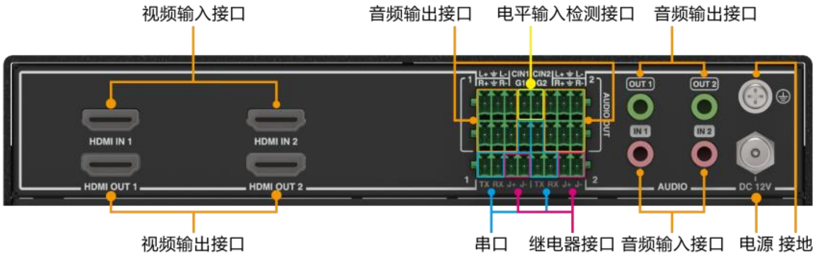
APPLICATION	APPEARANCE
AUDIO AND VIDEO ENCODING NODE (VA)	**前面板**  VA Encoder DIGIBIRD CONFIG RST PWR RUN VIDEO PWR1 PWR2 IR COPPER FIBER
WORKSTATION ENCODING NODE (KM)	**前面板**  KM Encoder DIGIBIRD CONFIG RST KM PWR RUN VIDEO PWR1 PWR2 IR COPPER FIBER 液晶屏 配置接口 恢复出厂设置 状态指示灯 网络接口 状态指示灯 红外接口 光纤接口
/	**背面板**  视频输入接口 音频环出接口 电平输入检测接口 音频输出接口 HDMI IN 1 HDMI IN 2 LOOP OUT 1 LOOP OUT 2 USB 2 USB 1 AUDIO LOOP OUT OUT 1 OUT 2 IN 1 IN 2 AUDIO DC 12V 视频环出接口 USB数据接口 串口 继电器接口 音频输入接口 电源 接地 Note: • The node can be configured in single-path/dual-path mode. In dual-path mode, the two interfaces are equivalent to two separate nodes. In single-path mode, only interface 1 is available. • The back panels of different types of encoding nodes are identical except for the video interface. The product's appearance is subject to the actual product.

2. Interface Description

INTERFACE	DESCRIPTION	
APPLICATION	DUAL-CHANNEL WORKSTATION ENCODING NODE	DUAL-CHANNEL AUDIO AND VIDEO ENCODING NODE
LCD SCREEN	Supports displaying node IP and MAC addresses	
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.	
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.	
STATUS INDICATOR LIGHTS	PWR: Power indicator light, stays on after startup. KM 1: This indicator light stays on when the USB data interface of Station node 1 is connected to the signal via a USB cable. This indicator light is currently not functional on audio/video nodes. KM 2: The indicator light on Station node 2's USB data interface is constantly lit when connected to the signal via a USB cable. This indicator light is currently not functional on audio/video nodes. RUN: Node running status indicator. Flashing indicates the node is running normally, while rapid flashing indicates the node is unclaimed. VIDEO 1: Video signal indicator light, stays on when there is input at interface 1. VIDEO 2: Video signal indicator light, stays on when there is input at interface 2. C: Network port connection status indicator light, always on during operation. F: Fiber optic connection status indicator light, always on during operation.	
INFRARED INTERFACE	IN 1/2: Connect to infrared receiving device; OUT 1/2: Connect to infrared transmitting device.	
NETWORK INTERFACE	COPPER: 1 RJ45 network port, supports PoE power supply, fixed speed 1000Mbps	
FIBER OPTIC INTERFACE	FIBER: 1 SFP optical port (excluding optical module)	
VIDEO INPUT INTERFACE	2-channel HDMI / DVI signal input	
VIDEO LOOP-OUT INTERFACE	2-channel HDMI / DVI signal loop-out	
USB DATA INTERFACE	USB: Supports connection to 2 computers and transmission of KM signals.	Reserve
RELAY INTERFACE	RELAY: Supports connecting two relay devices to achieve relay switching control.	
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.	
LEVEL INPUT DETECTION INTERFACE	CIN: 2-channel level input detection interface	
AUDIO LOOP-OUT INTERFACE	AUDIO-LOOP-OUT: Phoenix terminal audio loop-out interface, supporting 2-channel audio loop-out.	
AUDIO INPUT INTERFACE	AUDIO IN: 3.5mm audio input jack, supports 2-channel audio input.	
AUDIO OUTPUT INTERFACE	AUDIO OUT: 3.5mm audio output jack, supporting 2-channel bidirectional audio transmission.	
POWER SUPPLY	DC 12V: Power connection interface, 1.2V DC power supply.	

1.1.2.4. Dual-Channel Decoding Node

1. **Product Appearance**

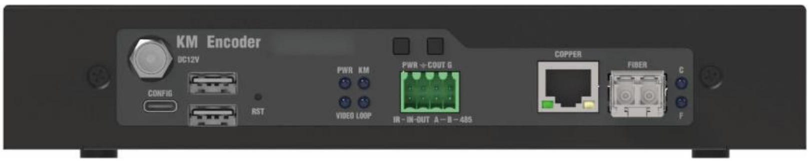
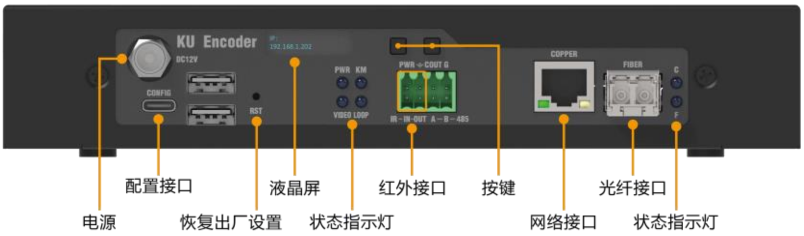
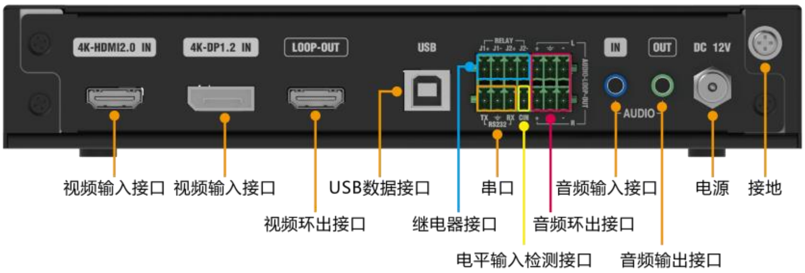
APPLICATION	APPEARANCE
AUDIO AND VIDEO DECODING NODE (VA)	**前面板**  VA Decoder DIGIBIRD CONFIG RST PWR RUN VIDEO PWR1 PWR2 IN OUT IN IR COPPER FIBER
WORKSTATION DECODING NODE (KM)	**前面板**  KM Decoder DIGIBIRD CONFIG K/M 1 RST K/M 2 KM PWR RUN VIDEO PWR1 PWR2 IR COPPER FIBER 液晶屏 K/M接口 K/M接口 状态指示灯 网络接口 状态指示灯 配置接口 恢复出厂设置 红外接口 光纤接口
/	**背面板**  视频输入接口 音频输出接口 电平输入检测接口 音频输出接口 HDMI IN 1 HDMI IN 2 HDMI OUT 1 HDMI OUT 2 OUT 1 OUT 2 IN 1 IN 2 AUDIO DC 12V 视频输出接口 串口 继电器接口 音频输入接口 电源 接地 Note: • The node can be configured in single-path/dual-path mode. In dual-path mode, the two interfaces are equivalent to two separate nodes. In single-path mode, only interface 1 is available. • The back panels of different types of encoding nodes are identical except for the video interface. The product's appearance is subject to the actual product.

2. Interface Description

INTERFACE	DESCRIPTION	
APPLICATION	**DUAL-CHANNEL WORKSTATION DECODING NODE**	**DUAL-CHANNEL AUDIO AND VIDEO DECODING NODE**
LCD SCREEN	Supports displaying node IP and MAC addresses	
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.	
K/M INTERFACE	K/M 1/2: 4x USB Type A, for connecting a mouse and keyboard to enable Station control.	/
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.	
STATUS INDICATOR LIGHTS	PWR: Power indicator light, stays on after startup. KM1: This indicator light stays on when any device is connected to the K / M1 interface on the left side of the agent node. This indicator light is currently not functional for audio/video nodes. KM2: This indicator light stays on when any device is connected to the K / M2 interface on the right side of the agent node. This indicator light is currently not functional on audio/video nodes. VIDEO 1: Video output status indicator light, stays on when the HDMI OUT 1 interface is connected to a monitor. VIDEO 2: Video output status indicator light, stays on when the HDMI OUT 2 interface is connected to a monitor. C: Network port connection status indicator light, always on during operation. F: Fiber optic connection status indicator light, always on during operation.	
INFRARED INTERFACE	IN 1/2: Connect to infrared receiving device; OUT 1/2: Connect to infrared transmitting device.	
NETWORK INTERFACE	COPPER: 1 RJ45 network port, supports PoE power supply, fixed speed 1000Mbps	
FIBER OPTIC INTERFACE	FIBER: 1 SFP optical port (excluding optical module)	
VIDEO INPUT INTERFACE	Reserve	
VIDEO OUTPUT INTERFACE	Supports 2-channel HDMI/ DVI signal output	
RELAY INTERFACE	Supports the connection of two relay devices to achieve relay switching control.	
SERIAL PORT	Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.	
LEVEL INPUT DETECTION INTERFACE	CIN: 2-channel level input detection interface	
AUDIO INPUT INTERFACE	AUDIO IN 1/2: 3.5 mm audio input jack, supporting 2-channel bidirectional audio transmission.	
AUDIO OUTPUT INTERFACE	AUDIO OUT 1/2: Phoenix connector & 3.5mm audio jack, for connecting headphones/speakers and other devices, supporting 2-channel audio output.	
POWER SUPPLY	DC 12V: Power connection interface, 1.2V DC power supply.	

1.1.2.5. Enhanced Encoding node

1. **Product Appearance**

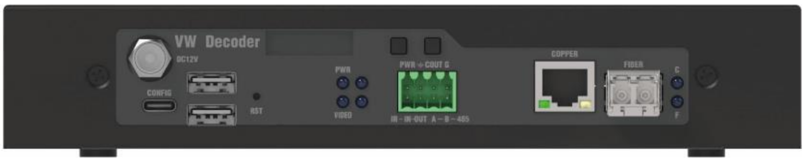
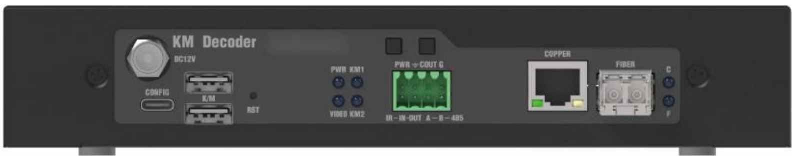
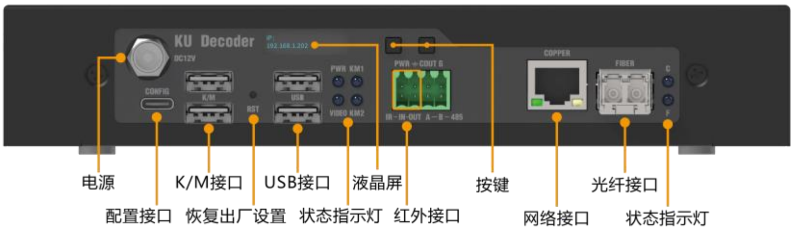
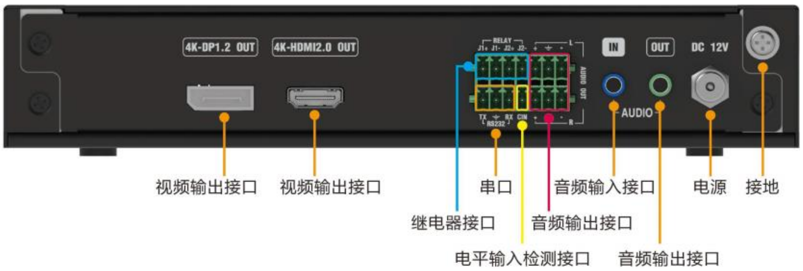
APPLICATION	APPEARANCE
ENHANCED WORKSTATION ENCODING NODE (KM)	**前面板**  KM Encoder DC12V CONFIG RST PWR KM VIDEO LOOP PWR COUT G IR IN OUT A B 485 COPPER FIBER
ENHANCED WORKSTATION COLLABORATION ENCODING NODE (KU)	**前面板**  KU Encoder 配置接口 液晶屏 红外接口 按键 光纤接口 电源 恢复出厂设置 状态指示灯 网络接口 状态指示灯
/	**背面板**  4K-HDMI2.0 IN 4K-DP1.2 IN LOOP-OUT USB RELAY IN OUT DC 12V AUDIO 视频输入接口 视频输入接口 USB数据接口 串口 音频输入接口 电源 接地 视频环出接口 继电器接口 音频环出接口 电平输入检测接口 音频输出接口 Note: The back panels of different types of encoding nodes are the same except for the video interface. The product's appearance is subject to the actual product.

2. Interface Description

INTERFACE	**DESCRIPTION**	
APPLICATION	**ENHANCED WORKSTATION COLLABORATION ENCODING NODE**	**ENHANCED WORKSTATION ENCODING NODE**
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.	
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.	
LCD SCREEN	Supports displaying node IP and MAC addresses	
STATUS INDICATOR LIGHTS	PWR: Power indicator light, stays on after startup. VIDEO: Video signal indicator light, stays on when there is input. KM: Always on when connected to a signal via USB cable LOOP: Video loop -out signal indicator light, stays on when connected to a monitor. C: Network port connection status indicator light, always on during operation. F: Fiber optic connection status indicator light, always on during operation.	
BUTTON	Supports 2 buttons and accepts function customization.	
INFRARED INTERFACE	IR IN: Connect to an infrared receiver; IR OUT: Connect to an infrared transmitting device	
NETWORK INTERFACE	COPPER: One RJ45 network port, supports PoE power supply, fixed speed 1000Mbps, and is redundant with the optical port.	
FIBER OPTIC INTERFACE	FIBER: 1 SFP optical port (excluding optical module)	
VIDEO INPUT INTERFACE	Choose between 4K60 HDMI and 4K60 DP.	Video signal input: Choose between 4K60 HDMI and 4K60 DP / 4K HDMI
VIDEO LOOP-OUT INTERFACE	4K60-HDMI signal loop-out	4K60-HDMI / 4K HDMI signal loop-out
USB DATA INTERFACE	USB: Connects to a signal, transmitting KM signals and USB data signals.	USB: Connects to a signal and transmits KM signals.
RELAY INTERFACE	RELAY: Supports connecting two relay devices to achieve relay switching control.	
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.	
LEVEL INPUT DETECTION INTERFACE	CIN: 1-channel level input detection interface	
AUDIO LOOP-OUT INTERFACE	AUDIO-LOOP-OUT: Phoenix terminal audio loop-out interface	
AUDIO INPUT INTERFACE	AUDIO IN: 3.5mm audio input jack	
AUDIO OUTPUT INTERFACE	AUDIO OUT: 3.5mm audio output jack for bidirectional audio transmission.	
POWER SUPPLY	DC 12V: Two power connection interfaces, 1.2V DC power supply.	

1.1.2.6. Enhanced Decoding Node

1. **Product Appearance**

APPLICATION	APPEARANCE
ENHANCED VIDEO WALL DECODING NODE (VW)	**前面板** 
ENHANCED WORKSTATION DECODING NODE (KM)	**前面板** 
ENHANCED WORKSTATION COLLABORATION DECODING NODE (KU)	**前面板**  KU Decoder 电源 K/M接口 USB接口 液晶屏 按键 光纤接口 配置接口 恢复出厂设置 状态指示灯 红外接口 网络接口 状态指示灯
/	**背面板**  4K-DP1.2 OUT 4K-HDMI2.0 OUT IN OUT DC 12V AUDIO 视频输出接口 视频输出接口 串口 音频输入接口 电源 接地 继电器接口 音频输出接口 电平输入检测接口 音频输出接口 Note: The back panels of different types of decoding nodes are the same except for the video interface. The product's appearance is subject to the actual product.

2. Interface Description

INTERFACE	DESCRIPTION		
APPLICATION	**ENHANCED WORKSTATION COLLABORATION DECODING NODE**	**ENHANCED WORKSTATION DECODING NODE**	**ENHANCED VIDEO WALL DECODING NODE**
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.		
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.		
INFRARED INTERFACE	IR IN: Connect to an infrared receiver; IR OUT: Connect to an infrared transmitting device		
K/M INTERFACE	K/M: 2x USB Type A, for connecting a mouse and keyboard to enable Station control.		/
USB INTERFACE	USB: 2x USB Type A, for connecting USB flash drives and other devices to enable USB data transfer.	/	/
LCD SCREEN	Supports displaying node IP and MAC addresses		
STATUS INDICATOR LIGHTS	PWR: Power indicator light, stays on after startup. VIDEO: Video output status indicator light, stays on when connected to a monitor. KM 1: This indicator light stays on when a device is connected to the KM interface on a workstation-type node. This indicator light is currently not functional for video wall nodes. KM 2: This indicator light stays on when a device is connected to the KM interface below a workstation node. This indicator light is currently not functional for video wall nodes. C: Network port connection status indicator light, always on during operation. F: Fiber optic connection status indicator light, always on during operation.		
BUTTON	Supports 2 buttons and accepts function customization.		
NETWORK INTERFACE	COPPER: One RJ45 network port, supports PoE power supply, fixed speed 1000Mbps, and is redundant with the optical port.		
FIBER OPTIC INTERFACE	FIBER: 1 SFP optical port (excluding optical module)		
VIDEO OUTPUT INTERFACE	Simultaneous output of 4K60-HDMI and 4K60-DP signals		
RELAY INTERFACE	RELAY: Supports connecting two relay devices to achieve relay switching control.		
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.		
LEVEL INPUT DETECTION INTERFACE	CIN: 1-channel level input detection interface		
AUDIO INPUT INTERFACE	AUDIO IN: 3.5 mm audio input jack for bidirectional audio transmission.		Reserve
AUDIO OUTPUT INTERFACE	AUDIO OUT: Phoenix connector & 3.5mm audio jack, for connecting headphones/speakers and other devices to achieve audio output.		
POWER SUPPLY	DC 12V: Two power connection interfaces, 1.2V DC power supply.		

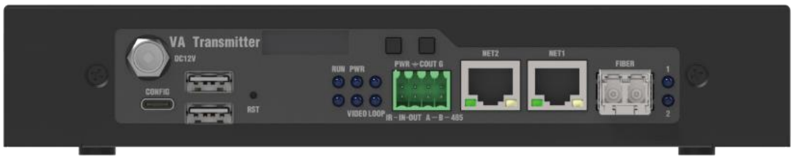
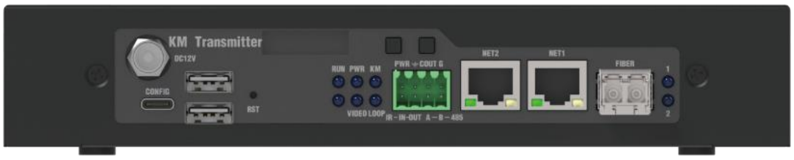
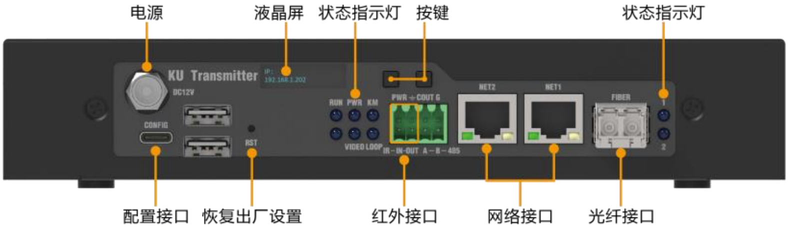
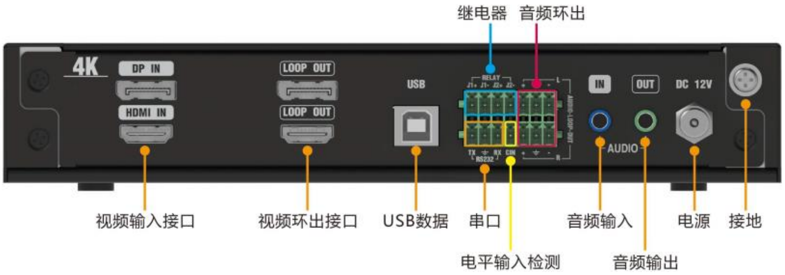
1.1.3. H-L Series

The UniStream H-L series encoding/decoding node types are shown in the table below:

CLASSIFICATION	APPLICATION TYPE	INTERFACE TYPE
ENCODING NODE	Workstation collaborative encoding node (KU)	4K HDMI-DP / 4K60 HDMI-DP
	Workstation encoding node (KM)	4K HDMI-DP / 4K60 HDMI-DP
	Audio/video encoding node (VA)	4K HDMI-DP / 4K60 HDMI-DP
DECODING NODE	Workstation collaborative decoding node (KU)	4K HDMI-DP / 4K60 HDMI-DP
	Workstation decoding node (KM)	4K HDMI-DP / 4K60 HDMI-DP
	Audio/video decoding node (VA)	4K HDMI-DP / 4K60 HDMI-DP
	Video wall decoding nodes (VW)	4K HDMI-DP / 4K60 HDMI-DP

1.1.3.1. Encoding Node

1. **Product Appearance**

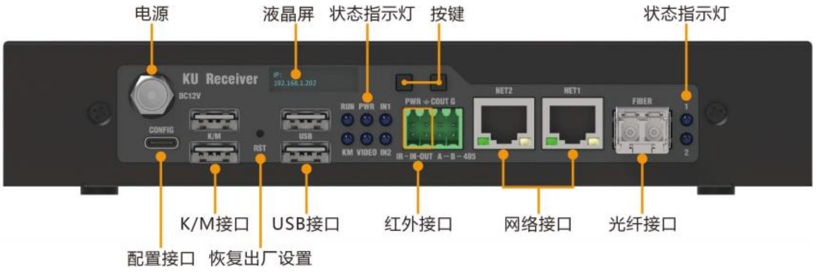
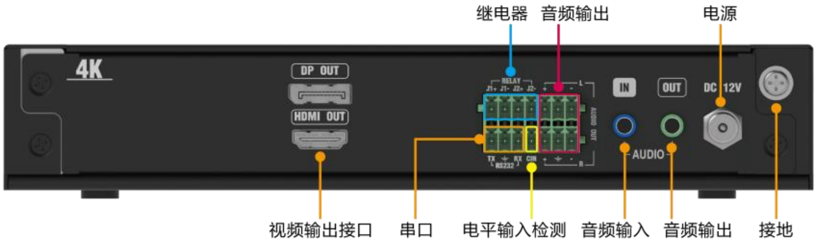
APPLICATION	APPEARANCE
AUDIO AND VIDEO ENCODING NODE (VA)	**前面板**  VA Transmitter DC12V CONFIG RST RUN PWR VIDEO LOOP PWR COUT G IR-IN-OUT A-B-485 NET2 NET1 FIBER
WORKSTATION ENCODING NODE (KM)	**前面板**  KM Transmitter DC12V CONFIG RST RUN PWR KM VIDEO LOOP PWR COUT G IR-IN-OUT A-B-485 NET2 NET1 FIBER
WORKSTATION COLLABORATION ENCODING NODE (KU)	**前面板**  电源 液晶屏 状态指示灯 按键 状态指示灯 KU Transmitter 配置接口 恢复出厂设置 红外接口 网络接口 光纤接口
/	**背面板**  继电器 音频环出 4K DP IN HDMI IN LOOP OUT LOOP OUT USB IN OUT DC 12V AUDIO 视频输入接口 视频环出接口 USB数据 串口 音频输入 电源 接地 电平输入检测 音频输出 Note: The back panels of different types of encoding nodes are the same except for the video interface. The product's appearance is subject to the actual product.

2. Interface Description

INTERFACE	DESCRIPTION		
APPLICATION	**WORKSTATION COLLABORATIVE ENCODING NODE**	**WORKSTATION ENCODING NODE**	**AUDIO AND VIDEO ENCODING NODES**
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.		
FACTORY RESET	R ST: Press and hold for 5 seconds to restore factory settings.		
LCD SCREEN	Supports displaying node IP and MAC addresses		
STATUS INDICATOR LIGHTS	RUN: Node running status indicator. Flashing indicates the node is running normally, while rapid flashing indicates the node is unclaimed. PWR: Power indicator light, stays on after startup. KM: This indicator light stays on when a workstation is connected to a signal via a USB cable. This indicator light is currently not functional for audio/video nodes. VIDEO: Video signal indicator light, stays on when there is input. LOOP: Video loop -out status indicator light, stays on when the output is normally connected. 1: The NET1 connection status indicator light on the network port stays on continuously during operation. 2: The NET2 connection status indicator light on the network port stays on continuously during operation. Note: If neither 1 nor 2 is lit, it means the optical port FIBER is working.		
BUTTON	Supports 2 buttons and accepts function customization.		
INFRARED INTERFACE	IR IN: Connect to an infrared receiver; IR OUT: Connect to an infrared transmitting device		
NETWORK INTERFACE	NET 1, NET 2: Two RJ45 network ports, supporting PoE power supply, fixed speed of 1000Mbps, and supporting three-port link redundancy.		
FIBER OPTIC INTERFACE	FIBER: 1 SFP optical port (excluding optical module)		
VIDEO INPUT INTERFACE	Video signal input: Choose between 4K HDMI and 4K DP / Choose between 4K60 HDMI and 4K60 DP		
VIDEO LOOP-OUT INTERFACE	Video signal loop-out, choose between 4K HDMI and 4K DP / choose between 4K60 HDMI and 4K60 DP		
USB DATA	USB: Connects to a signal, transmitting KM signals and USB data signals.	USB: Connects to a signal and transmits KM signals.	Reserve
RELAY	RELAY: Supports connecting two relay devices to achieve relay switching control.		
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.		
LEVEL INPUT DETECTION	CIN: 1-channel 5V level input detection interface		
AUDIO LOOP-OUT	AUDIO-LOOP-OUT: Phoenix terminal balanced audio, supports embedded audio loop-out.		
AUDIO INPUT	AUDIO IN: 3.5mm audio input jack, supports embedded audio input.		
AUDIO OUTPUT	AUDIO OUT: 3.5mm audio output jack for bidirectional audio transmission.		
POWER SUPPLY	DC 12V: Two 12V DC power interfaces, supporting power backup.		

1.1.3.2. Decoding Node

1. Product Appearance

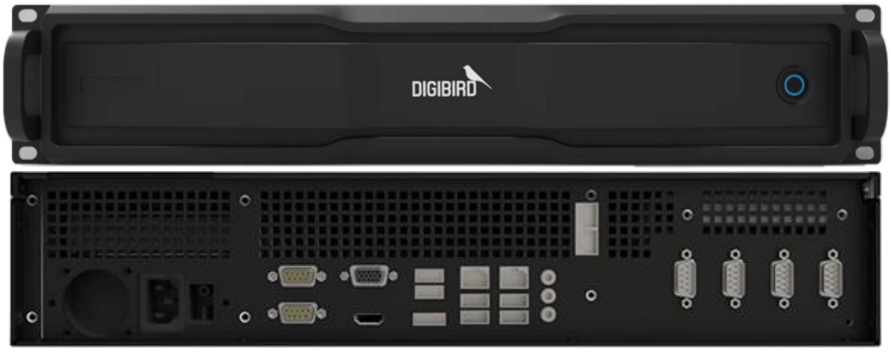
APPLICATION	APPEARANCE
VIDEO WALL DECODING NODE (VW)	**前面板** VW Receiver
AUDIO AND VIDEO DECODING NODE (VA)	**前面板** VA Receiver
WORKSTATION DECODING NODE (KM)	**前面板** KM Receiver
WORKSTATION COLLABORATION DECODING NODE (KU)	**前面板**  电源 液晶屏 状态指示灯 按键 状态指示灯 KU Receiver K/M接口 USB接口 红外接口 网络接口 光纤接口 配置接口 恢复出厂设置
/	**背面板**  继电器 音频输出 电源 4K DP OUT HDMI OUT AUDIO 视频输出接口 串口 电平输入检测 音频输入 音频输出 接地 Note: The back panels of different types of decoding nodes are the same except for the video interface. The product's appearance is subject to the actual product.

2. Interface Description

INTERFACE	**DESCRIPTION**			
APPLICATION	**WORKSTATION COLLABORATIVE DECODING NODE**	**WORKSTATION DECODING NODE**	**AUDIO AND VIDEO DECODING NODES**	**VIDEO WALL DECODING NODES**
CONFIGURATION INTERFACE	CONFIG: Micro USB interface, used during device debugging.			
FACTORY RESET	RST: Press and hold for 5 seconds to restore factory settings.			
INFRARED INTERFACE	IR IN: Connect to an infrared receiver; IR OUT: Connect to an infrared transmitting device			
K/M INTERFACE	K/M: 2x USB Type A, for connecting a mouse and keyboard to enable Station control.		/	/
USB INTERFACE	USB: 2x USB Type A, for connecting USB flash drives and other devices to enable USB data transfer.	/	/	/
LCD SCREEN	Supports displaying node IP and MAC addresses			
BUTTON	Supports 2 buttons, and accepts function customization.			
STATUS INDICATOR LIGHTS	RUN: Node running status indicator. Flashing indicates the node is running normally, while rapid flashing indicates the node is unclaimed. KM: This indicator light stays on when the mouse and keyboard are properly connected for agent-type nodes. This indicator light does not currently function for non-agent-type nodes. PWR: Power indicator light, stays on after startup. VIDEO: Video output status indicator light, stays on when connected to a monitor. IN1: Reserved IN2: NET 1 network port connection status indicator light, stays on while working. 1: The NET 2 network port connection status indicator light is constantly on when the device is in operation. 2: FIBER optical port connection status indicator light, stays on during operation.			
NETWORK INTERFACE	NET 1, NET 2: Two RJ45 network ports, supporting PoE power supply, fixed speed of 1000Mbps, and supporting three-port link redundancy.			
FIBER OPTIC INTERFACE	FIBER: 1 SFP optical port (excluding optical module)			
VIDEO OUTPUT INTERFACE	Video signal output: Choose between 4K HDMI and 4K DP / Choose between 4K60 HDMI and 4K60 DP			
RELAY	RELAY: Supports connecting two relay devices to achieve relay switching control.			
SERIAL PORT	RS232: Supports instruction set control; baud rates: 9600, 19200, 38400, 57600, 115200.			
LEVEL INPUT DETECTION	CIN: 1-channel 5V level input detection interface			
AUDIO INPUT	AUDIO IN: 3.5 mm audio input jack for bidirectional audio transmission.			Reserve
AUDIO OUTPUT	AUDIO OUT: Phoenix terminal balanced audio & 3.5mm audio jack, for connecting headphones/speakers and other devices to achieve audio output.			
POWER SUPPLY	DC 12V: Two 12V DC power interfaces, supporting power backup.			

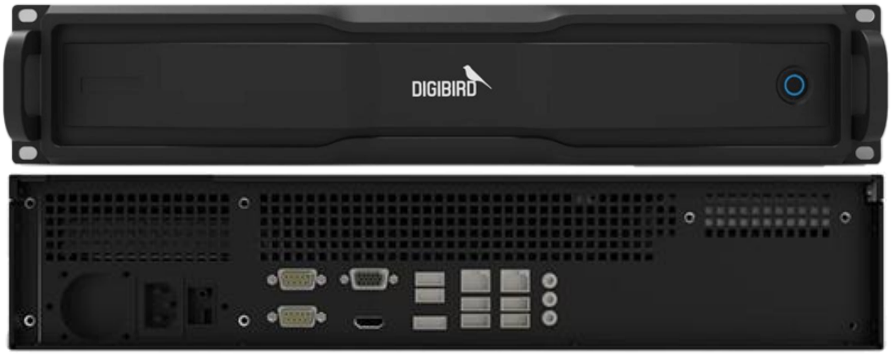
1.1.4. Controlling Device

1.1.4.1. Visualized Management and Control Platform



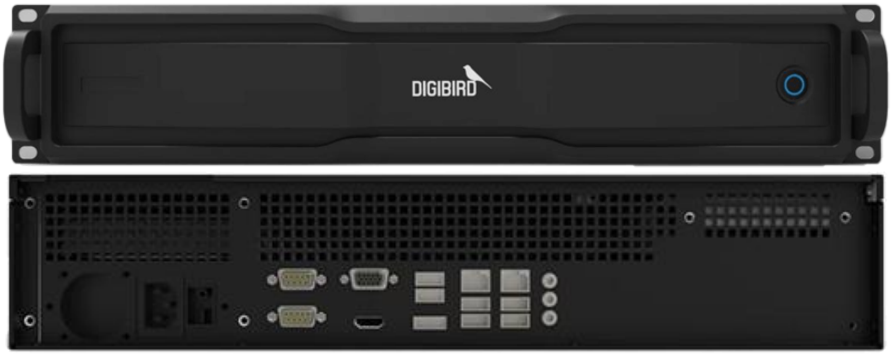
INTERFACE	**DESCRIPTION**
VIDEO INTERFACE	1x DP port, 1x HDMI port, 1x VGA port
USB INTERFACE	4x USB 3.2 GEN2, 2x USB 3.2 GEN1
NETWORK PORT	4x RJ-45 LAN pį ort
AUDIO INTERFACE	1x 3-jack audio connector (Line-in, Line-out, MIC)
COM PORT	6x Serial port connector (COM1/COM2/COM3/COM4/COM5/COM6, COM1 supports RS232/422/485 function)
PARAMETER	**DESCRIPTION**
INPUT VOLTAGE	AC INPUT 100–240V ~, 4–1.5A, 50–60Hz
POWER	250W
SIZE	Dimensions (L x W x H): 404 x 482 x 88 mm (including mounting ears)
POWER SUPPLY	1

1.1.4.2. Recording Extension Host



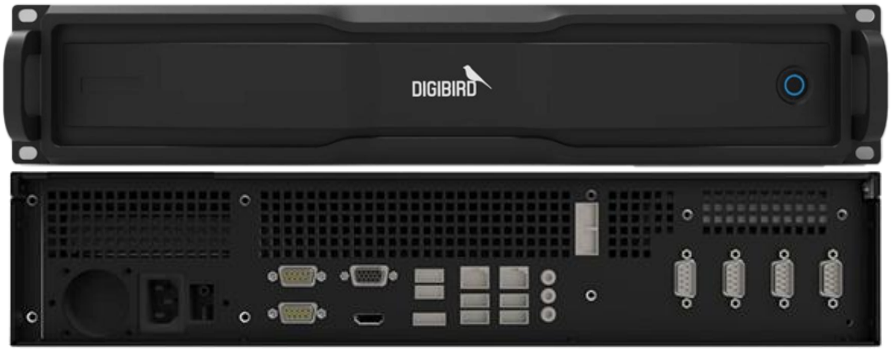
INTERFACE	DESCRIPTION
VIDEO INTERFACE	1x DP port, 1x HDMI port, 1x VGA port
USB INTERFACE	4x USB 3.2 GEN 2, 2x USB 3.2 GEN 1
NETWORK PORT	2x RJ-45 LAN ports
AUDIO INTERFACE	1x 3-jack audio connector (Line-in, Line-out, MIC)
COM PORT	2x Serial port connector (COM1 supports RS232/422/485 function)
PARAMETER	**DESCRIPTION**
INPUT VOLTAGE	AC INPUT 100–240V ~, 4–1.5A, 50–60Hz
POWER	400W
SIZE	Dimensions (L x W x H): 481.5 x 482.6 x 88 mm (including mounting ears)
POWER SUPPLY	1

1.1.4.3. Maintenance Expanded Host



INTERFACE	DESCRIPTION
VIDEO INTERFACE	1x DP port, 1x HDMI port, 1x VGA port
USB INTERFACE	4x USB 3.2 GEN 2, 2x USB 3.2 GEN 1
NETWORK PORT	2x RJ-45 LAN ports
AUDIO INTERFACE	1x 3-jack audio connector (Line-in, Line-out, MIC)
COM PORT	2x Serial port connector (COM1 supports RS232/422/485 function)
PARAMETER	**DESCRIPTION**
INPUT VOLTAGE	AC INPUT 100–240V ~, 4–1.5A, 50–60Hz
POWER	400W
SIZE	Dimensions (L x W x H): 404 x 482 x 88 mm (including mounting ears)
POWER SUPPLY	1

1.1.4.4. Intelligent Identification Extended Host



INTERFACE	DESCRIPTION
VIDEO INTERFACE	1x DP port, 1x HDMI port, 1xVGA port
USB INTERFACE	4x USB 3.2 GEN 2, 2x USB 3.2 GEN1
NETWORK PORT	4x RJ-45 LAN ports
AUDIO INTERFACE	1x3-jack audio connector (Line-in, Line-out, MIC)
COM PORT	6x Serial port connector (COM1/COM2/COM3/COM4/COM5/COM6, COM1 supports RS232/422/485 function)
PARAMETER	**DESCRIPTION**
INPUT VOLTAGE	AC INPUT 100 -240V ~, 4-1.5A, 50–60Hz
POWER	250W
SIZE	Dimensions (L x W x H): 404 x 482 x 88 mm (including mounting ears)
POWER SUPPLY	1

1.1.5. Device Assembly

Node devices can be installed in standard cabinets via chassis or racks and can be powered by a centralized power supply, facilitating implementation and management.

1.1.5.1. 1U Bracket

The 1U rack supports single-unit installation and can accommodate up to two encoding/decoding nodes, each with its own power supply.

PARAMETER	DESCRIPTION
DIMENSIONS (WIDTH X DEPTH X HEIGHT)	444x200x42.5(mm) without mounting ears 483x200x42.5(mm) with mounting ears
WEIGHT	1.1kg (bracket only)
CHASSIS CAPACITY	2

1.1.5.2. 6U Bracket

6U bracket supports single-unit installation and can accommodate up to 8 encoding/decoding nodes, each with its own power supply.

PARAMETER	DESCRIPTION
DIMENSIONS (WIDTH X DEPTH X HEIGHT)	482.6x200.8x266mm (depth includes the dimensions after the nodes are installed) 482.6x42x266mm (bracket depth only)
WEIGHT	1.972kg (bracket + 16 mounting ears + screws required for assembly) 1.348kg (bracket only)
CHASSIS CAPACITY	8

1.1.5.3. 1U Centralized Power Supply

This 1U centralized power supply is designed specifically for distributed nodes, providing them with a stable power source. It supports power backup to ensure the safety of distributed node power supply, offers convenient device wiring, and a centralized power supply reduces the need for extensive use of electrical outlets at the implementation site.

PARAMETER	**DESCRIPTION**	
PRODUCT NAME	1U CENTRALIZED POWER SUPPLY 400W	1U CENTRALIZED POWER SUPPLY 400W (REDUNDANT BACKUP)
PRODUCT APPEARANCE		
DIMENSIONS (WIDTH X DEPTH X HEIGHT)	482.6x262.24x44(mm) (including mounting ears)	
INPUT VOLTAGE	110-240V AC, 50/60Hz	
OUTPUT VOLTAGE	DC 12V	
OUTPUT POWER	400W (maximum output)	
POWER EFFICIENCY	93.0%	
EQUIPMENT CAPACITY AND SPECIFICATIONS	24-channel 12VDC tuning fork terminal output	
BACKUP CAPABILITIES	Independent dual power supply backup is not supported.	Independent dual power supply backup is supported.
WEIGHT	3.6kg (fully equipped)	4.6kg (fully equipped)
OPERATING TEMPERATURE	-30 ~ +55 ℃ (operating environment), -40 ~ +85 ℃ (storage environment)	
OPERATING HUMIDITY	20%~90%RH (operating environment), 10%~95%RH (storage environment)	

1.1.6. Factory Default Settings

Encoding node: 192.168.1.202

Decoding nodes: NET1—192.168.1.203, NET2—192.168.1.215 (NET2 is only supported by Tr series agent collaboration decoding nodes, agent decoding nodes, and video wall decoding nodes)

Visualized management and control platform: LAN1 — 192.168.1.6

The IP address of the encoding/decoding node can be modified in the software.

1.2. Software Overview

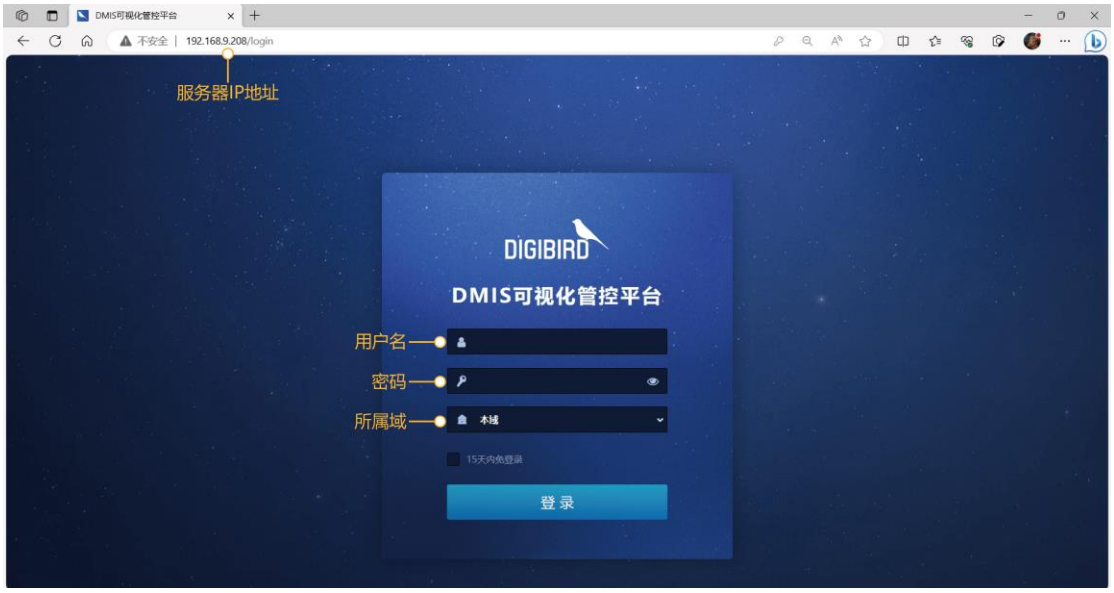
The UniStream distributed system's operating terminals include the DMIS visual management platform (web software) and the workstation management system (OSD menu).

The DMIS Visual Management and Control Platform, based on a B/S architecture, is a control software integrating visualization, customization, intelligence, and touch control. It can simultaneously control audio, video, environmental signals, and control signals from multiple locations, easily achieving interconnection and interoperability of audio and video data, dynamic environmental monitoring and alarms, and visualized operation and maintenance management. This makes command and control flexible and rapid, and conference communication accurate and efficient. The DMIS Visual Management and Control Platform covers the four core aspects of audio and video scenarios: transmission, exchange, processing, and control, as well as six major functional applications: domain management, display and control management, conference management, resource management, streaming media management, and operation and maintenance management. It can be widely used in command and control centers, emergency dispatch centers, large, medium, and small conference rooms, demonstration centers, and other locations to achieve intelligent comprehensive management and control.

The workstation management system is responsible for calling and controlling the OSD of the signal. Users can use a mouse and keyboard to call any signal of the system on multiple displays.

1.2.1. Software Login

Open your browser, enter **the server IP address** in the address bar, press the "Enter" key on your keyboard to enter the software login page, enter the username and password (default username: admin, password: admin@123), select the domain name, and click the "Login" button to log in to the software.



Please change your default password promptly and update it regularly. For details, please refer to section 10.1 User Management.

1.2.2. Interface Introduction

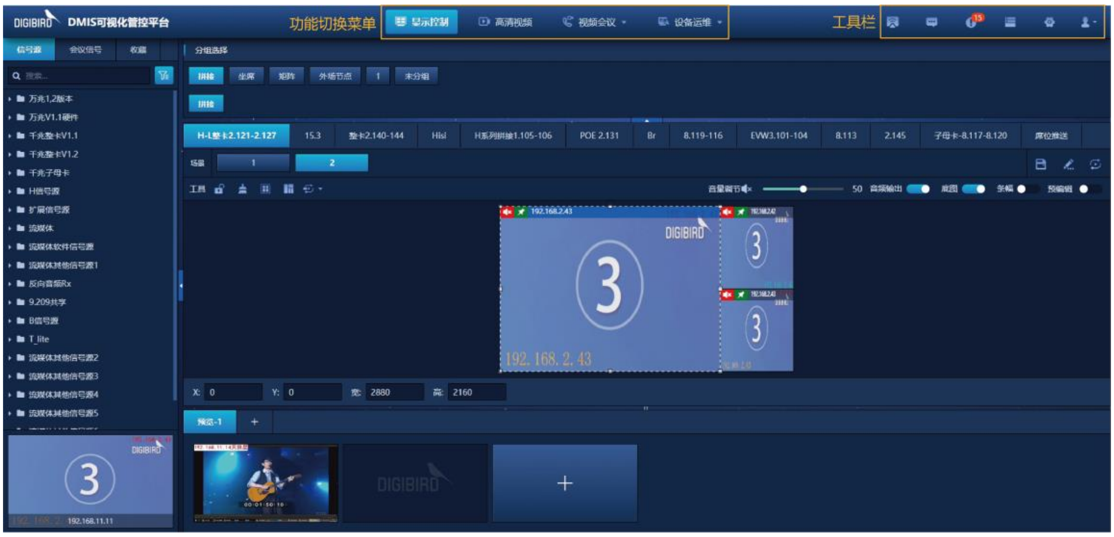
The DMIS visual management platform consists of two main parts: the front-end operation interface (hereinafter referred to as the "front-end interface") and the back-end management interface (hereinafter referred to as the "back-end interface").

The workstation management system uses a visual OSD menu and is mainly operated through the [Main Navigation Menu] and [Window Navigation Menu].

1.2.2.1. Front-End Operation Interface

Logging in, you will be automatically redirected to the front-end interface. It supports display control, high-definition video-on-demand, video recording, video conferencing, and equipment maintenance functions.

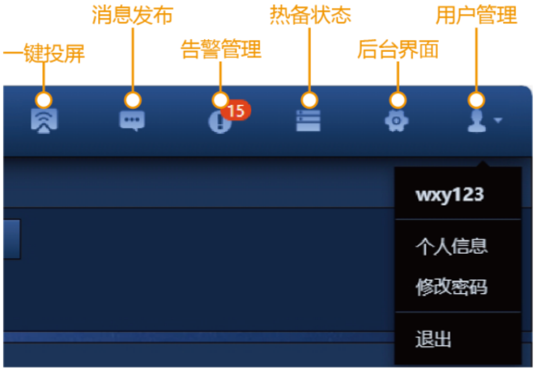
Click ⚙ in the upper right corner of the front-end interface to access the backend management page.


DIGIBIRD
DMIS可视化管控平台
功能切换菜单
显示控制
高清视频
视频会议
设备运维
工具栏
信号源
会议信号
收藏
分组选择
拼接
坐席
矩阵
外场节点
未分组
预览-1
+

1. **Function Switch Menu**

Clicking on different tabs will switch to different function operation interfaces.

2. **Toolbar**


消息发布
热备状态
用户管理
一键投屏
告警管理
后台界面
15
wxy123
个人信息
修改密码
退出

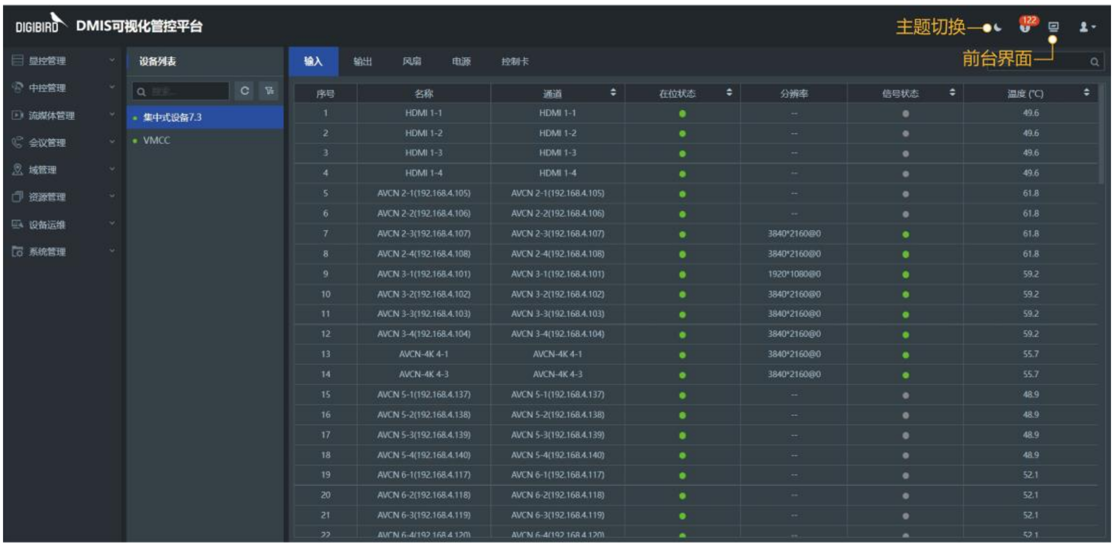
- **One-click projection:** Click this button to project the screen of your control PC onto a video wall.
- **Message posting:** Click this button to send a message to other users.

- **Alarm management:** Click this button to enter the alarm management interface.
- **Hot standby status:** Click this button to view the host's hot standby status.
- **Backend interface:** Click this button to enter the backend management interface.
- **User management:** Click this button to modify your personal information or log out.

1.2.2.2. Backend Management Interface

Click ⚙ in the upper right corner of the front-end interface to enter the backend management page, which includes modules such as domain management, display and control management, conference management, resource management, streaming media management, equipment operation and maintenance, system management and central control management. Administrators can configure these modules according to the site conditions.

The backend interface supports theme switching. Clicking the "Theme Switch" ☾ button in the upper left corner will switch to the "Simple White" theme; the current theme is "Inky Black". Clicking the "Foreground Interface" 🖥 button will return you to the foreground interface.



序号	名称	通道	在位状态	分辨率	信号状态	温度 (℃)
1	HDMI 1-1	HDMI 1-1	🟢	--	⚪	49.6
2	HDMI 1-2	HDMI 1-2	🟢	--	⚪	49.6
3	HDMI 1-3	HDMI 1-3	🟢	--	⚪	49.6
4	HDMI 1-4	HDMI 1-4	🟢	--	⚪	49.6
5	AVCN 2-1(192.168.4.105)	AVCN 2-1(192.168.4.105)	🟢	--	⚪	61.8
6	AVCN 2-2(192.168.4.106)	AVCN 2-2(192.168.4.106)	🟢	--	⚪	61.8
7	AVCN 2-3(192.168.4.107)	AVCN 2-3(192.168.4.107)	🟢	3840*2160@0	🟢	61.8
8	AVCN 2-4(192.168.4.108)	AVCN 2-4(192.168.4.108)	🟢	3840*2160@0	🟢	61.8
9	AVCN 3-1(192.168.4.101)	AVCN 3-1(192.168.4.101)	🟢	1920*1080@0	🟢	59.2
10	AVCN 3-2(192.168.4.102)	AVCN 3-2(192.168.4.102)	🟢	3840*2160@0	🟢	59.2
11	AVCN 3-3(192.168.4.103)	AVCN 3-3(192.168.4.103)	🟢	3840*2160@0	🟢	59.2
12	AVCN 3-4(192.168.4.104)	AVCN 3-4(192.168.4.104)	🟢	3840*2160@0	🟢	59.2
13	AVCN-4K 4-1	AVCN-4K 4-1	🟢	3840*2160@0	🟢	55.7
14	AVCN-4K 4-3	AVCN-4K 4-3	🟢	3840*2160@0	🟢	55.7
15	AVCN 5-1(192.168.4.137)	AVCN 5-1(192.168.4.137)	🟢	--	⚪	48.9
16	AVCN 5-2(192.168.4.138)	AVCN 5-2(192.168.4.138)	🟢	--	⚪	48.9
17	AVCN 5-3(192.168.4.139)	AVCN 5-3(192.168.4.139)	🟢	--	⚪	48.9
18	AVCN 5-4(192.168.4.140)	AVCN 5-4(192.168.4.140)	🟢	--	⚪	48.9
19	AVCN 6-1(192.168.4.117)	AVCN 6-1(192.168.4.117)	🟢	--	⚪	52.1
20	AVCN 6-2(192.168.4.118)	AVCN 6-2(192.168.4.118)	🟢	--	⚪	52.1
21	AVCN 6-3(192.168.4.119)	AVCN 6-3(192.168.4.119)	🟢	--	⚪	52.1
22	AVCN 6-4(192.168.4.120)	AVCN 6-4(192.168.4.120)	🟢	--	⚪	52.1

1.2.2.3. OSD Menu

If the system includes workstation nodes, users can log in to the workstation management system at their workstations and manage their workstations conveniently through the visual OSD menu.

2. Display Control

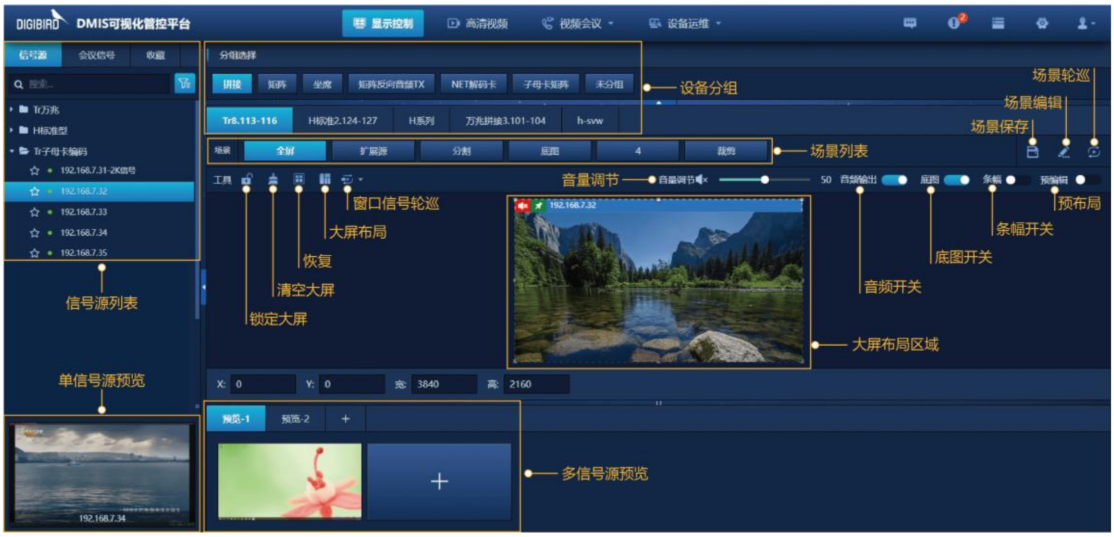
Once you enter the front-end [Display Control] interface, you can control the video wall screen, matrix, and workstation, including screen layout, video preview, workstation arrangement, scene management, and video switching.

2.1. Video Wall Control

Users can select a video wall group to control in the "Device Groups" section of the "Display Control" interface on the front end.

2.1.1. Interface Introduction

The video wall interface allows for operations such as opening a video wall window, video preview, and scene management.

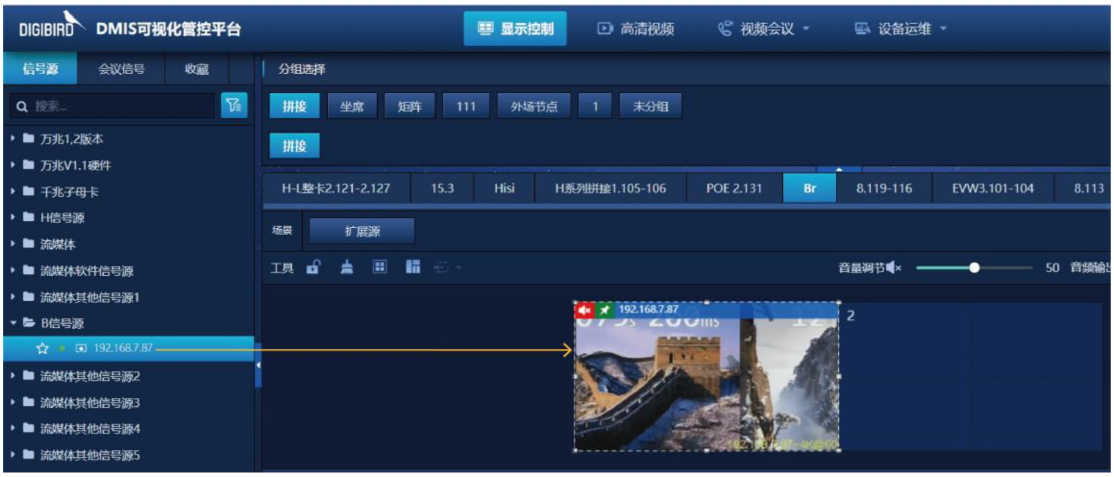

DIGIBIRD DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
设备分组
场景轮巡
场景编辑
场景保存
场景列表
音量调节
窗口信号轮巡
大屏布局
恢复
清空大屏
锁定大屏
预布局
条幅开关
底图开关
音频开关
大屏布局区域
信号源列表
单信号源预览
多信号源预览

PROJECT	**DESCRIPTION**
SIGNAL LIST	Displays signals from this domain, signals uploaded from lower-level domains, and signals assigned from the upper-level domain. Clicking the tabs above allows you to switch to a conference signal list or a favorites list.
EQUIPMENT GROUPING	Display all output devices, including video walls, matrix switches, and workstations.
SCENE LIST	Displays all scenes currently on the video wall.
SINGLE SIGNAL PREVIEW	Preview a single signal.
MULTI-SIGNAL PREVIEW	Preview multiple signals simultaneously.
LOCK THE VIDEO WALL	Click 🔓 button can lock the video wall. In the locked state, only scene invocation, scene patrol, and window signal patrol are supported; other window operations (signal switching, window creation, window size/position/layer adjustment, window closing, etc.) are not supported. Clicking 🔒 button can unlock the device.
CLEAR THE VIDEO WALL	Click 🧹 button can clear all windows on the video wall.
RECOVER	The video wall layout area supports the "Navigator" function, which allows for zooming in/out. When zoomed in, clicking ⊞ will restore it to the default size.
VIDEO WALL LAYOUT	Click ▥ button to apply the video wall layout.
WINDOW SIGNAL PATROL	Click 🔀 button to open the "Window Signal Patrol Configuration" window, where you can configure window patrol as needed. Note: This feature is only supported by some nodes. Please confirm whether the node you purchased supports it before use.
WINDOW PINNED BUTTON	The window is a pinned button (located in the upper left corner of the window), which can be clicked to toggle its state. 📌 This indicates that the window is not fixed. 📍 This indicates that the window is fixed. Once fixed, the window cannot be moved, but the window signal can be switched, and the window can be closed.
AUDIO STATUS INDICATOR	🔊 This indicates that audio output is on. 🔇 This indicates that audio output is off.
CLOSE WINDOW	By clicking the button in the upper right corner ☒ or by dragging the window out of the virtual screen to close the window.

2.1.2. Signal Windowing

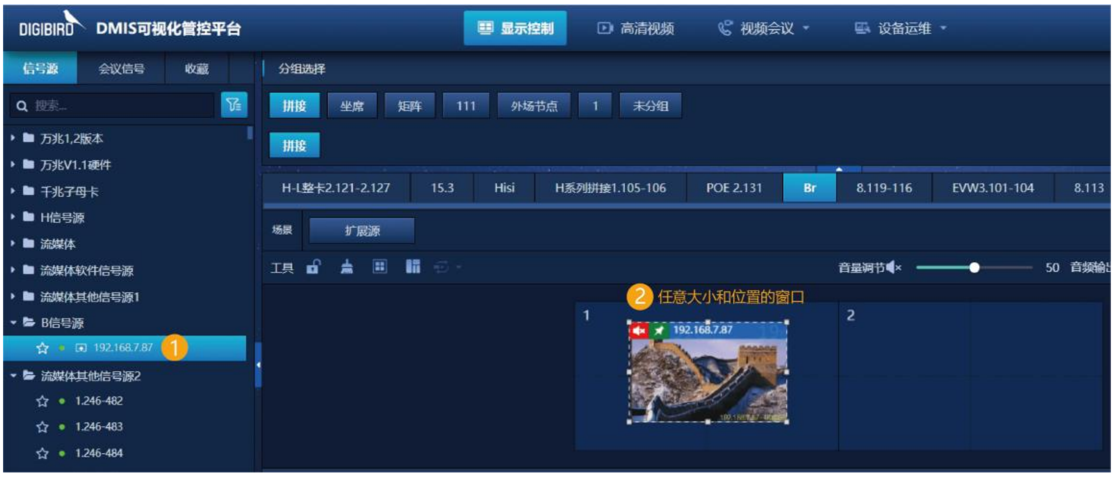
2.1.2.1. Single-Screen Windowing

In the [Device Groups] section, select the video wall you want to operate. Then, in the [Signal] list on the left, select the signal with your mouse and drag it to the video wall area. This will create a single-screen-sized signal window on the video wall.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
拼接
坐席
矩阵
111
外场节点
1
未分组
万兆1,2版本
万兆V1.1硬件
千兆子母卡
H信号源
流媒体
流媒体软件信号源
流媒体其他信号源1
B信号源
192.168.7.87
流媒体其他信号源2
流媒体其他信号源3
流媒体其他信号源4
流媒体其他信号源5
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
POE 2.131
Br
8.119-116
EVW3.101-104
8.113
场景
扩展源
工具
音量调节
50
2

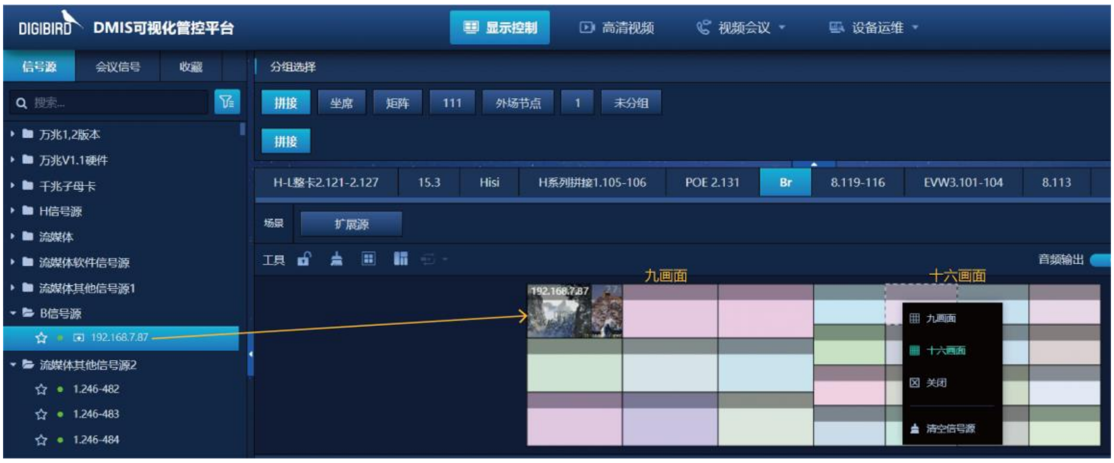
2.1.2.2. Free Windowing

Select a signal from the [Signal] list on the left. Then, click and drag the mouse anywhere on the Video Wall to form a rectangle. Release the mouse to create a window of any size and position.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
拼接
坐席
矩阵
111
外场节点
1
未分组
万兆1,2版本
万兆V1.1硬件
千兆子母卡
H信号源
流媒体
流媒体软件信号源
流媒体其他信号源1
B信号源
192.168.7.87
1
流媒体其他信号源2
1.246-482
1.246-483
1.246-484
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
POE 2.131
Br
8.119-116
EVW3.101-104
8.113
场景
扩展源
工具
音量调节
50
2 任意大小和位置的窗口
1
2

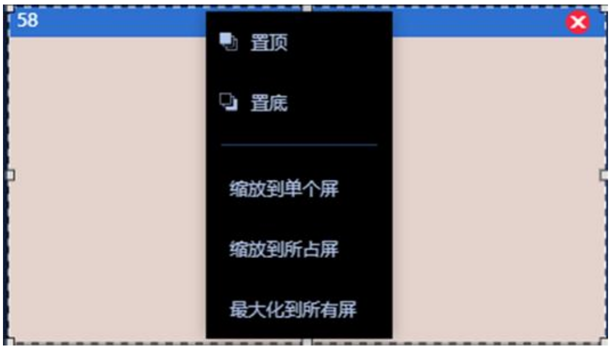
2.1.2.3. Nine/Sixteen-View Windowing

Right-clicking the mouse in the video wall area brings up the single-screen right-click menu, allowing you to divide the screen into nine or sixteen equal parts. Selecting a signal in the [Signal] list and dragging it to a screen will create a signal window that is the same size and position as that screen.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
拼接
坐席
矩阵
111
外场节点
1
未分组
拼接
万兆1.2版本
万兆V1.1硬件
千兆子母卡
H信号源
流媒体
流媒体软件信号源
流媒体其他信号源1
B信号源
192.168.7.87
流媒体其他信号源2
1.246-482
1.246-483
1.246-484
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
POE 2.131
Br
8.119-116
EVW3.101-104
8.113
场景
扩展源
工具
音频输出
九画面
十六画面
192.168.7.87
九画面
十六画面
关闭
清空信号源

2.1.2.4. Window Layer

It supports creating multiple windows on a video wall. Windows can be dragged and scaled freely within the video wall area, and can also be stacked through the layer settings in the right-click menu.


58
置顶
置底
缩放到单个屏
缩放到所占屏
最大化到所有屏

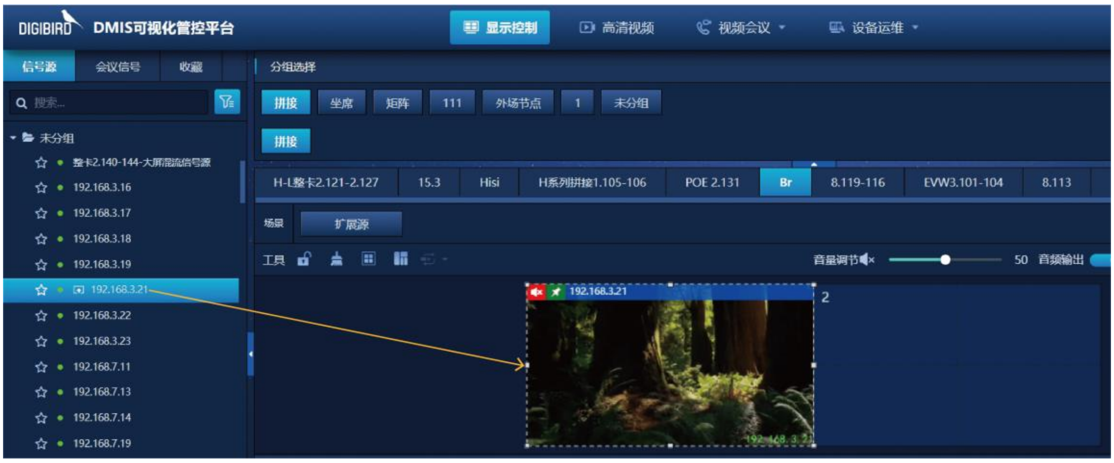
The functions of the right-click menu in the window are explained below:

FUNCTIONS	DESCRIPTION
TOP	Select the window and bring it to the top.
BOTTOM	Select the window and place it in the bottom layer.
SCALING TO A SINGLE SCREEN	Resize the selected window to the top left corner of the screen occupied by the window.
SCALE TO THE SCREEN SIZE	Resize the selected window to its entire sub-screen, single screen, or Video Wall. (This can be achieved by double-clicking the middle of the window.)
MAXIMIZE TO ALL SCREENS	Zoom in on the selected window to the entire screen (this can be done by double-clicking the window title bar).

Sub-screen: A segmented screen within a single screen. Single screen: A single display screen. Video Wall: The entire display.

2.1.3. Signal Switching

Drag a signal from the "Signal" list on the left into the window to switch the image of that signal to the corresponding window on the video wall.

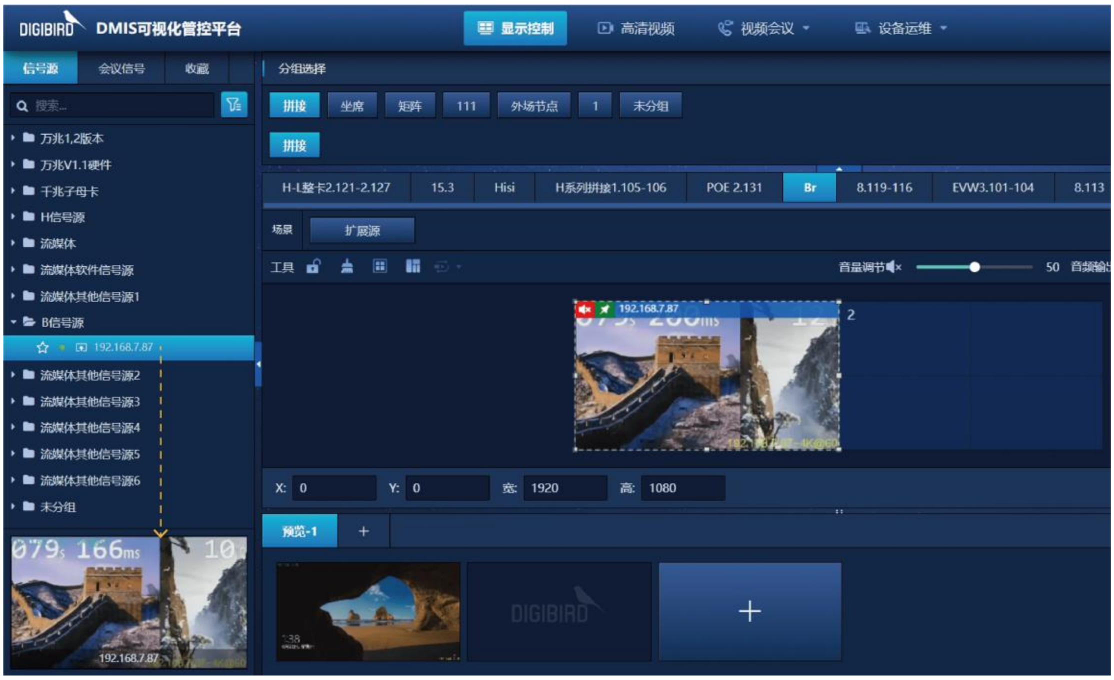

DIGIBIRD DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
搜索...
拼接
坐席
矩阵
111
外场节点
1
未分组
192.168.3.16
192.168.3.17
192.168.3.18
192.168.3.19
192.168.3.21
192.168.3.22
192.168.3.23
192.168.7.11
192.168.7.13
192.168.7.14
192.168.7.19
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
POE 2.131
Br
8.119-116
EVW3.101-104
8.113
场景
扩展源
工具
音量调节
50
音频输出
2

2.1.4. Signal Previewing

The software supports previewing the signal, which can effectively prevent accidental operation.

2.1.4.1. Single Signal Preview

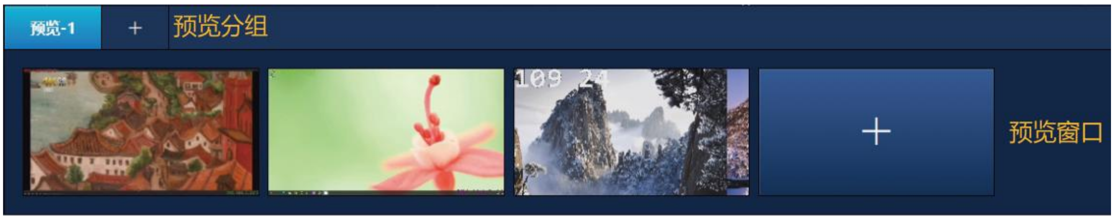
Click on a signal in the "Signal" list on the left to preview the signal in the area shown in the figure.


DIGIBIRD DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
搜索...
万兆1,2版本
万兆V1.1硬件
千兆子母卡
H信号源
流媒体
流媒体软件信号源
流媒体其他信号源1
B信号源
192.168.7.87
流媒体其他信号源2
流媒体其他信号源3
流媒体其他信号源4
流媒体其他信号源5
流媒体其他信号源6
未分组
拼接
坐席
矩阵
111
外场节点
1
未分组
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
POE 2.131
Br
8.119-116
EVW3.101-104
8.113
场景
扩展源
工具
音量调节
50
2
X: 0
Y: 0
宽: 1920
高: 1080
预览-1
+
DIGIBIRD

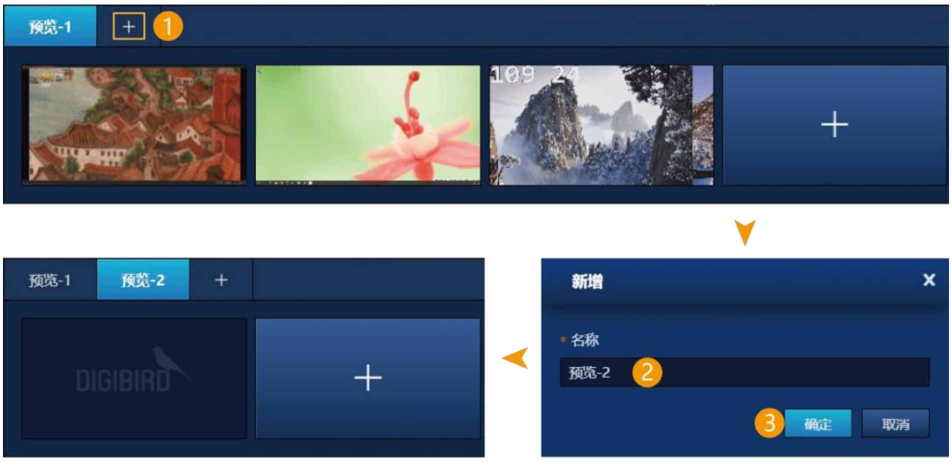
2.1.4.2. Multiple Signal Previews

For scenarios with multiple signals, such as multi-camera shooting, users need to compare the shooting effects of different camera positions and select the best image to display. At this time, it is necessary to preview the images from each camera position at the same time.

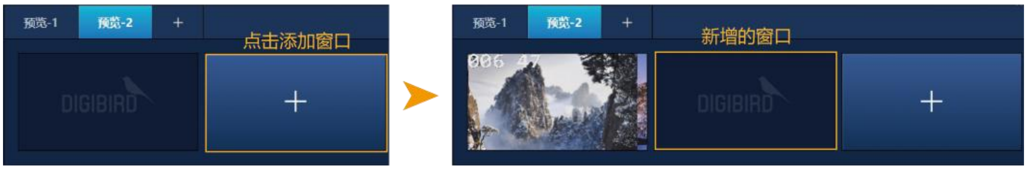
The software supports simultaneous previewing of multiple screens. In the "Multi-Signal Preview" area at the bottom of the "Display Control" interface, there is a default preview group: Preview-1. This group contains one preview window by default: simply drag the signal into the window to preview. Users can add more preview windows as needed (each group can contain a maximum of 1-2 windows) and can also add new preview groups.


预览-1
+
预览分组
109 24
+
预览窗口

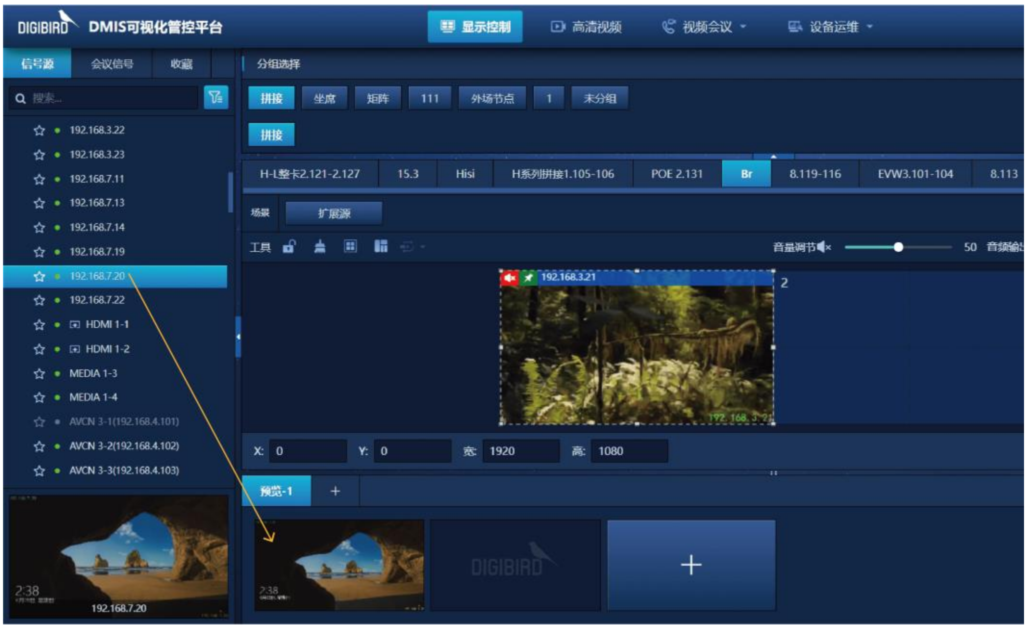
1. **Add a preview group:** Click "Add" + next to the preview group name to select the group name, enter the group name in the pop-up window, and then click the "OK" button.


预览-1
+
1
109 24
+
预览-1
预览-2
+
DIGIBIRD
+
新增
×
* 名称
预览-2
2
3
确定
取消

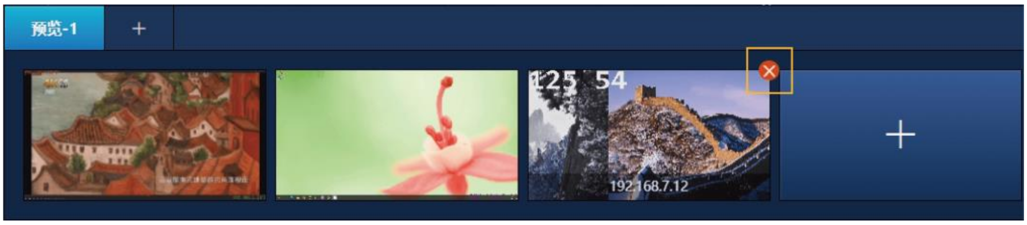
2. **Add a preview window:** Click "Add" + button to add a preview window.


预览-1
预览-2
+
点击添加窗口
DIGIBIRD
+
预览-1
预览-2
+
新增的窗口
006 47
DIGIBIRD
+

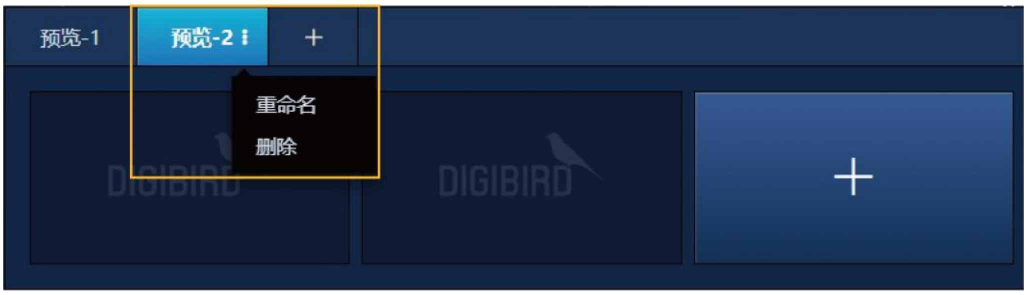
3. **Multiple signal preview:** Simply drag and drop the signal from the [Signal] list into the preview window.


DIGIBIRD DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
搜索...
分组选择
拼接
坐席
矩阵
111
外场节点
1
未分组
拼接
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
POE 2.131
Br
8.119-116
EVW3.101-104
8.113
场景
扩展源
工具
音量调节
50
192.168.3.22
192.168.3.23
192.168.7.11
192.168.7.13
192.168.7.14
192.168.7.19
192.168.7.20
192.168.7.22
HDMI 1-1
HDMI 1-2
MEDIA 1-3
MEDIA 1-4
AVCN 3-1(192.168.4.101)
AVCN 3-2(192.168.4.102)
AVCN 3-3(192.168.4.103)
192.168.3.21
2
X: 0
Y: 0
宽: 1920
高: 1080
预览-1
+
2:38
192.168.7.20
DIGIBIRD
+

4. **Delete a preview window:** Place your mouse over the preview window and click the delete button ☒ in the upper right corner to delete the preview window.


预览-1
+
25 54
192.168.7.12
+

5. **Preview group editing:** Place the mouse over the preview group name and click ⋮. The button allows you to choose to delete a group or rename a group.

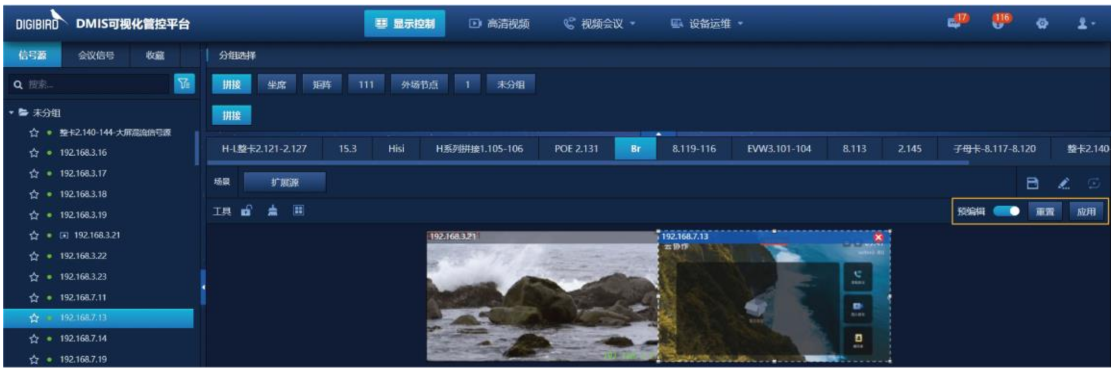

预览-1
预览-2
+
重命名
删除
DIGIBIRD
DIGIBIRD
+

6. **Hide preview area:** Place the mouse over the top edge of the preview area to reveal the preview area. When the cursor ↕ is displayed, hold down the mouse button and drag it down to hide the preview area.

2.1.5. Pre-Editing

The platform supports pre-editing of video wall layouts. Pre-editing mode allows you to open a window on the Video Wall without changing the overall display. Once the window is opened, the changes are applied directly, and the Video Wall switches to the new window layout without displaying any intermediate states.

1. **To enter "Pre-edit Mode":** Click the "Pre-edit" button in the upper right area of the [Display Control] interface in the foreground to enter pre-edit mode.
2. **Video wall window opening:** Perform operations such as opening windows and switching signals in the Video Wall area.
3. **Application:** Clicking the "Apply" button will apply the pre-layout to the Video Wall; clicking the "Reset" button will restore the Video Wall to its previous state.

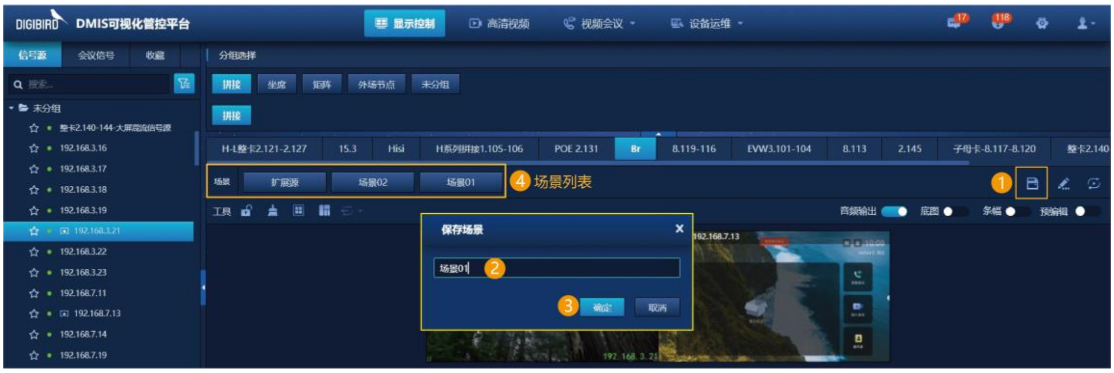

DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
17
116
信号源
会议信号
收藏
搜索...
分组选择
拼接
坐席
矩阵
111
外场节点
1
未分组
拼接
未分组
整卡2.140-144-大屏高清信号源
192.168.3.16
192.168.3.17
192.168.3.18
192.168.3.19
192.168.3.21
192.168.3.22
192.168.3.23
192.168.7.11
192.168.7.13
192.168.7.14
192.168.7.19
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
POE 2.131
Br
8.119-116
EVW3.101-104
8.113
2.145
子母卡-8.117-8.120
整卡2.140
场景
扩展源
工具
预编辑
重置
应用
192.168.3.21
192.168.7.13

2.1.6. Scene Management

The platform supports saving frequently used video wall layouts as scenes, which can be quickly recalled when needed.

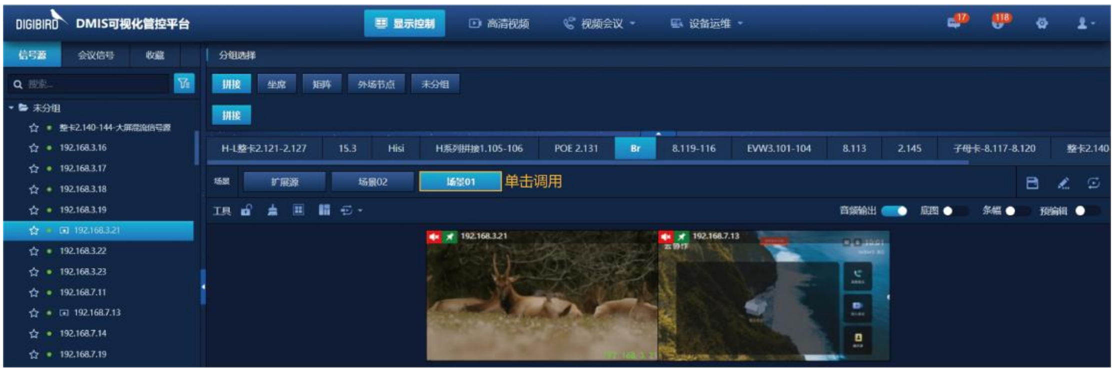
2.1.6.1. Scene Saving

1. First, you need to complete the layout of the Video Wall window, then click 💾 to open the "Save Scene" dialog box;
2. Enter a scene name in the [Save Scene] dialog box to save the screen layout as a scene:
3. Click the "OK" button to save the scene.
4. Saved scenes will be displayed in the software scene list area.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
拼接
坐席
矩阵
外场节点
未分组
场景
扩展源
场景02
场景01
④ 场景列表
①
工具
音频输出
底图
条幅
预编辑
保存场景
场景01 ②
③ 确定
取消

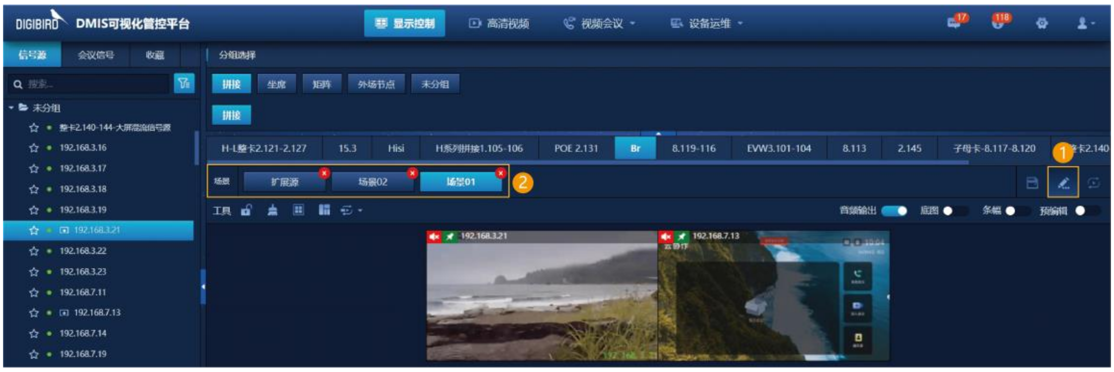
2.1.6.2. Scene Recall

To invoke a scene, simply click the scene button in the list: the scene name in the application will then be highlighted.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
拼接
坐席
矩阵
外场节点
未分组
场景
扩展源
场景02
场景01
单击调用
工具
音频输出
底图
条幅
预编辑
192.168.3.21
192.168.7.13

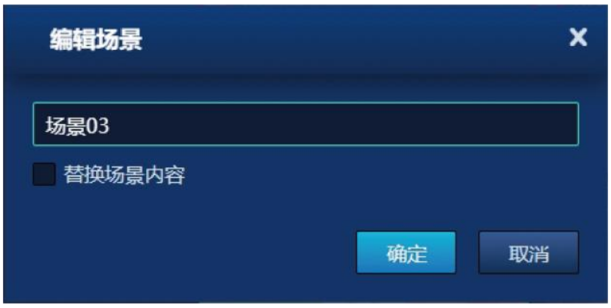
2.1.6.3. Scene Editing

In the scene list, click ✎ to enter edit mode (click again to exit edit mode). Clicking the scene button will open the rename window, allowing you to modify the scene name and window layout; clicking the delete icon ✖ to delete the scene.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
拼接
坐席
矩阵
外场节点
未分组
场景
扩展源
场景02
场景01
1
2

1. **Scene Renaming**

In edit mode, click the scene button. In the pop-up "Edit Scene" window, enter the new scene name and click the "OK" button to complete the scene renaming.

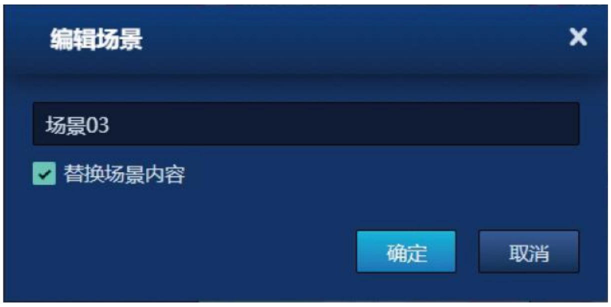


场景03

☐ 替换场景内容

2. **Scene Content Modification**

After modifying the scene content, click the scene button in edit mode. In the pop-up "Edit Scene" window, check "Replace Scene Content" and click the "OK" button to complete the scene content modification.



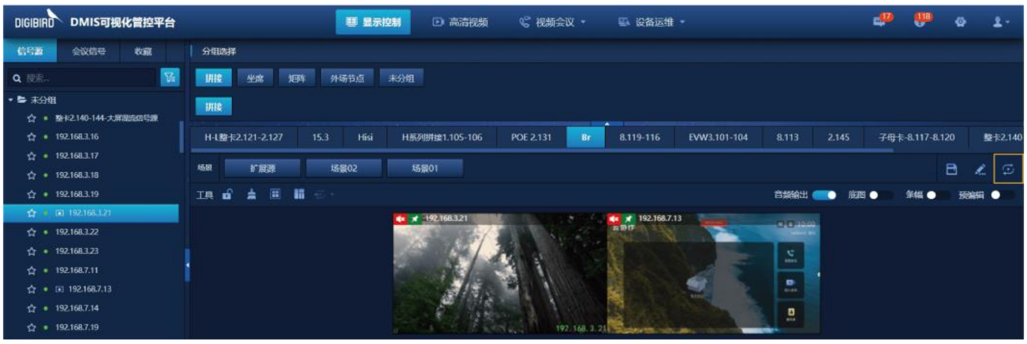
场景03

☑ 替换场景内容

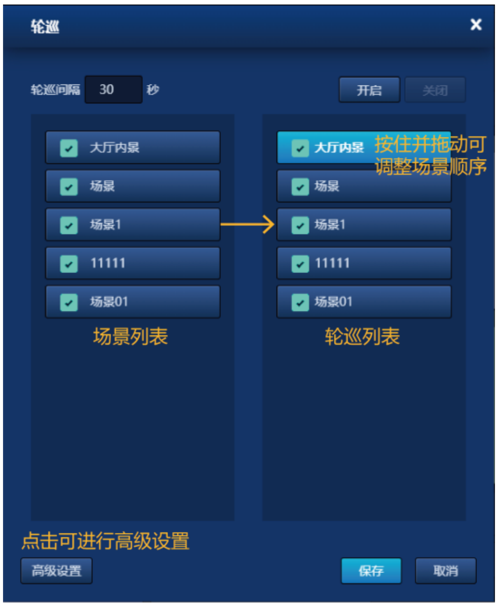
2.1.6.4. Scene Patrol

It supports multiple scenes playing in turn at fixed time intervals.

1. Click Scene Patrol on the right side of the scene list area to open the patrolling settings window.


DIGIBIRD DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
拼接
坐席
矩阵
外场节点
未分组
拼接
未分组
192.168.3.16
192.168.3.17
192.168.3.18
192.168.3.19
192.168.3.21
192.168.3.22
192.168.3.23
192.168.7.11
192.168.7.13
192.168.7.14
192.168.7.19
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
POE 2.131
Br
8.119-116
EVW3.101-104
8.113
2.145
子母卡-8.117-8.120
整卡2.140
场景
扩展源
场景02
场景01
工具
音频输出
底图
条幅
预编辑
192.168.3.21
192.168.7.13

2. Select scenes in the desired order from the left-hand [Scene List] to add them to the right-hand [Patrol List]; deselect scenes in the [Patrol List] to remove them from the list; press and drag scenes up and down to adjust the patrol order; click the "Advanced Settings" button to set the interval between adjacent scenes and adjust the patrol order individually: finally, return to the [Patrol Window] and click the "Save" button to complete the settings.

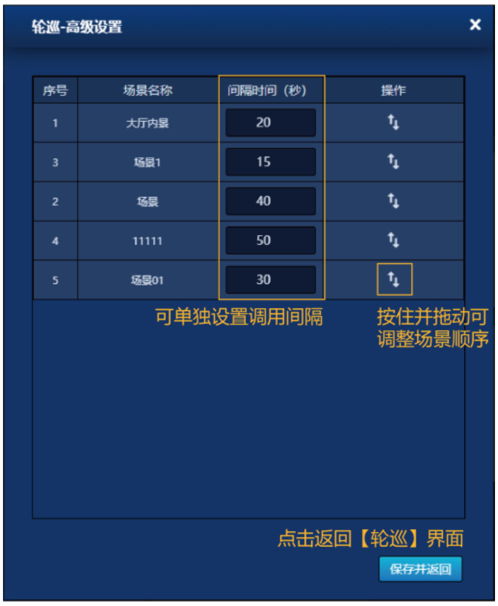

轮巡
×
开启
关闭
保存
取消
高级设置

轮巡间隔 30 秒

场景列表	轮巡列表
☑ 大厅内景	☑ 大厅内景
☑ 场景	☑ 场景
☑ 场景1	☑ 场景1
☑ 11111	☑ 11111
☑ 场景01	☑ 场景01

按住并拖动可调整场景顺序

点击可进行高级设置


轮巡-高级设置
×
保存并返回

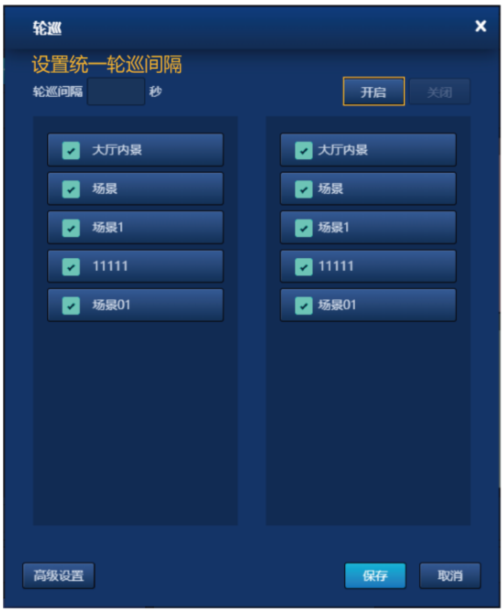
序号	场景名称	间隔时间（秒）	操作
1	大厅内景	20	⇅
3	场景1	15	⇅
2	场景	40	⇅
4	11111	50	⇅
5	场景01	30	⇅

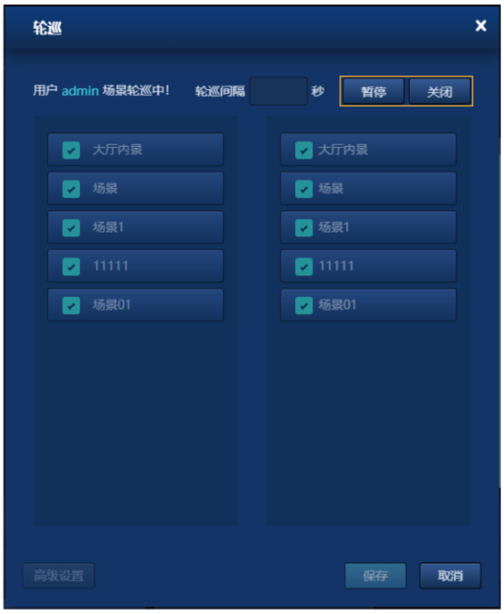
可单独设置调用间隔

按住并拖动可调整场景顺序

点击返回【轮巡】界面

3. The patrol time interval set here is uniform. If a patrol interval was set separately in step 2, it cannot be set again here. Click the "Start" button, and the software will play the scenes in turn according to the order of the "Patrol List" on the right; click the "Pause" button to pause the scene patrol, and click the "Close" button to stop the scene patrol.


轮巡
设置统一轮巡间隔
轮巡间隔
秒
开启
关闭
☑ 大厅内景
☑ 场景
☑ 场景1
☑ 11111
☑ 场景01
☑ 大厅内景
☑ 场景
☑ 场景1
☑ 11111
☑ 场景01
高级设置
保存
取消



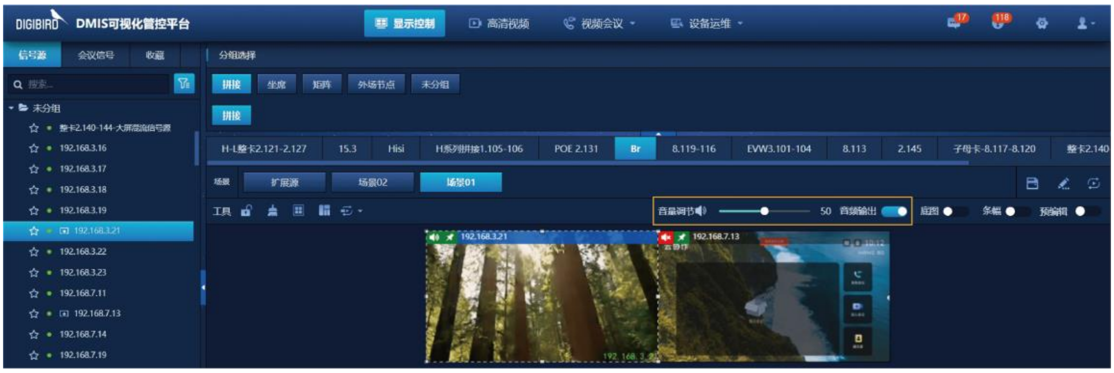
用户 admin 场景轮巡中!

轮巡
轮巡间隔
秒
暂停
关闭
☑ 大厅内景
☑ 场景
☑ 场景1
☑ 11111
☑ 场景01
☑ 大厅内景
☑ 场景
☑ 场景1
☑ 11111
☑ 场景01
高级设置
保存
取消

2.1.7. Video Wall Audio Configuration

The software supports controlling the audio status of the signal on the video wall screen, including whether to output audio and the audio volume.

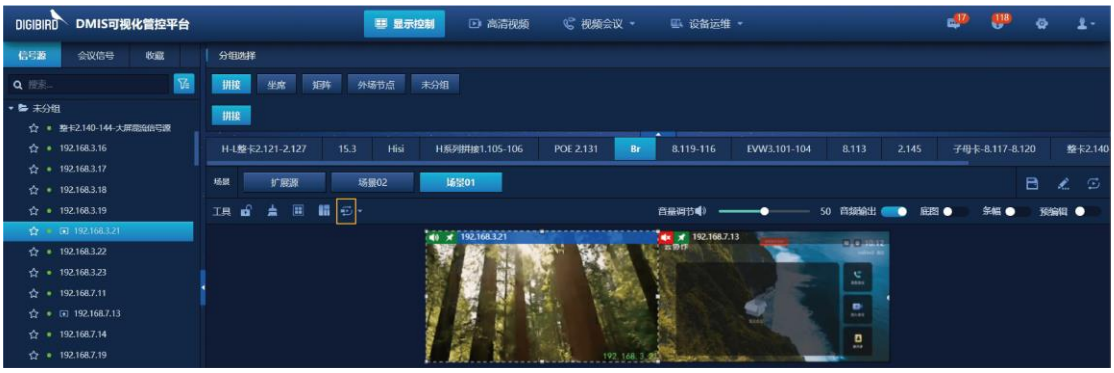
In the front-end [Display Control] interface, select the video wall and turn on the "Audio Output" switch 音频输出 ●. The video wall can output audio, supporting simultaneous mixing of up to four channels; clicking on a selected window allows for individual control of its audio status. You can set whether to mute or not by clicking 🔊/🔇, and drag the slider to adjust the volume.

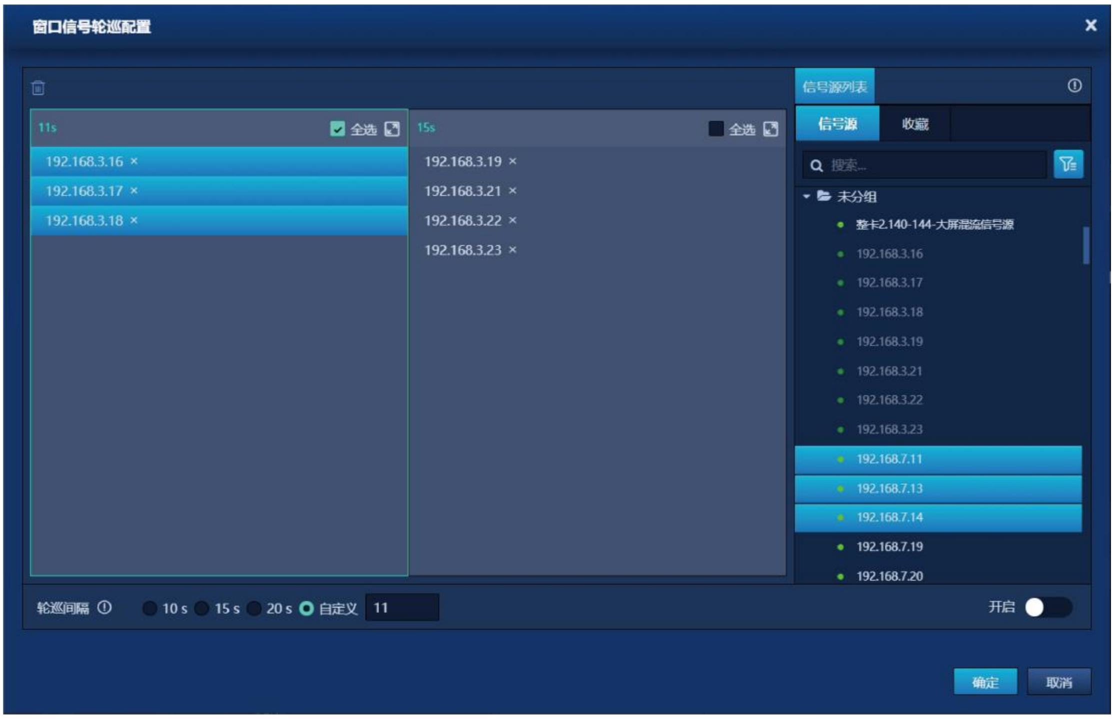

DIGIBIRD DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
拼接
坐席
矩阵
外场节点
未分组
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
POE 2.131
Br
8.119-116
EVW3.101-104
8.113
2.145
子母卡-8.117-8.120
整卡2.140
场景
扩展源
场景02
场景01
工具
音量调节
50
音频输出
底图
条幅
预编辑
192.168.3.21
192.168.7.13

2.1.8. Window Signal Patrol

The software supports window signal patrol, which means that multiple signals (at least 2) can be configured for a window in the video wall. These signals will switch and display in the window in turn according to the set patrol interval.

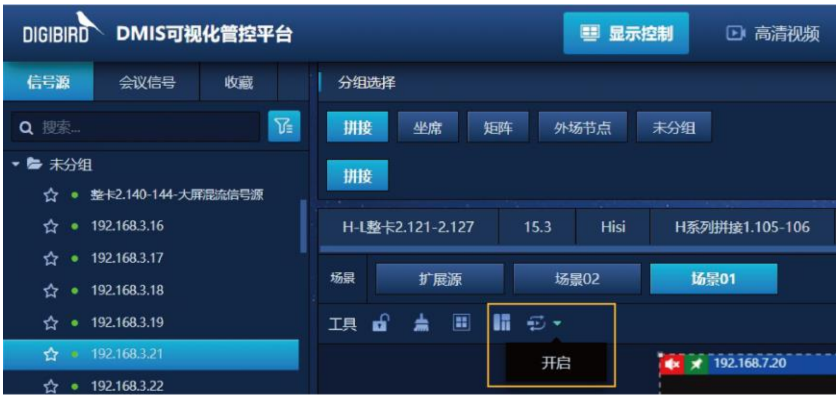
In the front-end [Display Control] interface, select the video wall, click the button ⇆, and enter the window signal patrol configuration interface for the selected video wall.

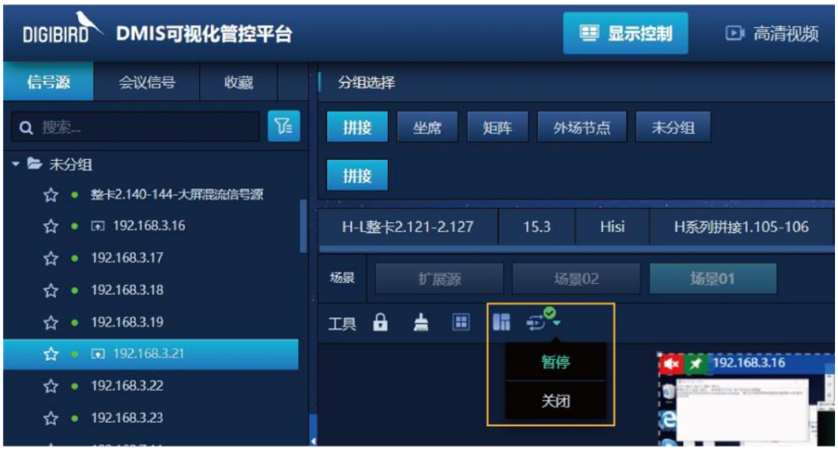

DIGIBIRD DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
拼接
坐席
矩阵
外场节点
未分组
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
POE 2.131
Br
8.119-116
EVW3.101-104
8.113
2.145
子母卡-8.117-8.120
整卡2.140
场景
扩展源
场景02
场景01
工具
音量调节
50
音频输出
底图
条幅
预编辑
192.168.3.21
192.168.7.13


窗口信号轮巡配置
11s
☑ 全选
192.168.3.16 ×
192.168.3.17 ×
192.168.3.18 ×
15s
☐ 全选
192.168.3.19 ×
192.168.3.21 ×
192.168.3.22 ×
192.168.3.23 ×
信号源列表
信号源
收藏
搜索...
未分组
整卡2.140-144-大屏混流信号源
192.168.3.16
192.168.3.17
192.168.3.18
192.168.3.19
192.168.3.21
192.168.3.22
192.168.3.23
192.168.7.11
192.168.7.13
192.168.7.14
192.168.7.19
192.168.7.20
轮巡间隔
○ 10 s ○ 15 s ○ 20 s ● 自定义 11
开启
确定
取消

The configuration steps are as follows:

1. **Configure signal:** Click to select multiple signals (at least 2) in the [Signal] list on the right side of the interface. The selected signals will be highlighted. Drag the signal to a window, and the signal name will turn gray and cannot be selected again.
2. **Delete signal:** Click the "×" button next to the signal in the window to delete that signal; check "Select All" and then click the "🗑" button in the upper left corner to delete all signals at once;
3. **Set the patrolling interval:** Select the configured window (the edge of the selected window is highlighted), and you can set the interval at the bottom of the interface. It supports custom interval time, with the shortest interval being 10 seconds. The interval can be different for different windows.
4. After configuration, click the "OK" button to save the configuration and close this interface. If "Enable" 开启 was checked before clicking the "OK" button, clicking the "OK" button will close the interface and automatically start the patrol process.
5. In the front-end [Display Control] interface, clicking the small arrow next to the button allows you to control the window patrol to start, pause, and close.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
信号源
会议信号
收藏
搜索...
未分组
整卡2.140-144-大屏混流信号源
192.168.3.16
192.168.3.17
192.168.3.18
192.168.3.19
192.168.3.21
192.168.3.22
分组选择
拼接
坐席
矩阵
外场节点
未分组
拼接
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
场景
扩展源
场景02
场景01
工具
开启
192.168.7.20

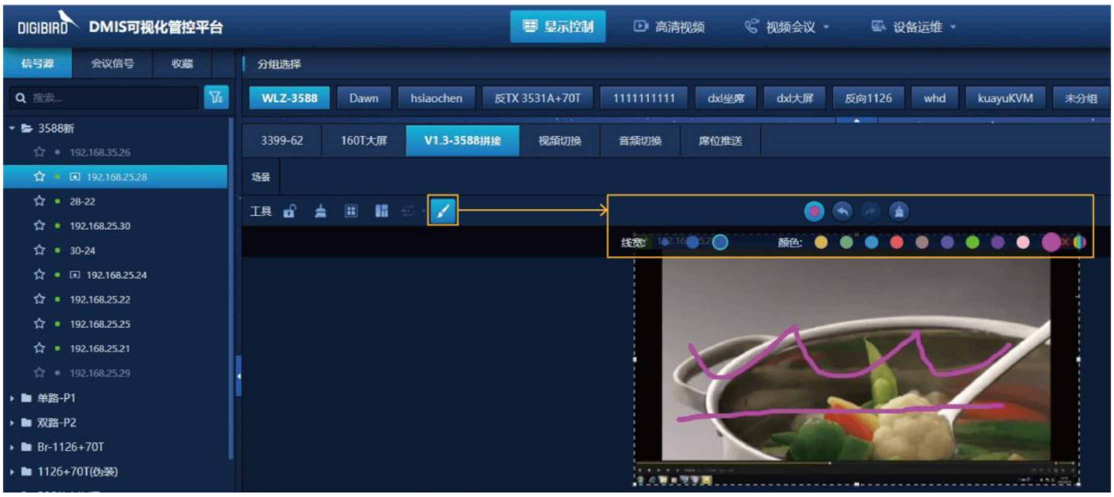

DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
信号源
会议信号
收藏
搜索...
未分组
整卡2.140-144-大屏混流信号源
192.168.3.16
192.168.3.17
192.168.3.18
192.168.3.19
192.168.3.21
192.168.3.22
192.168.3.23
分组选择
拼接
坐席
矩阵
外场节点
未分组
拼接
H-L整卡2.121-2.127
15.3
Hisi
H系列拼接1.105-106
场景
扩展源
场景02
场景01
工具
暂停
关闭
192.168.3.16

2.1.9. Video Wall Annotation

The Br-L series 4K60 enhanced video wall decoding node supports video wall annotation functionality. Simply configure the node for video wall in the web software to use it.

In the front-end [Display Control] interface, select the video wall screen, click the "Brush" button, and you can make annotations on the screen. The line width and color of the brush can be set as needed.

Click button to set the brush line width and color, click button to undo the previous comment, click button to restore the previous comment, and click button to clear all comments.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
WLZ-3588
Dawn
hsiaochen
反TX 3531A+70T
1111111111
dxl坐席
dxl大屏
反向1126
whd
kuayuKVM
未分组
3588新
192.168.35.26
192.168.25.28
28-22
192.168.25.30
30-24
192.168.25.24
192.168.25.22
192.168.25.25
192.168.25.21
192.168.25.29
单路-P1
双路-P2
Br-1126+70T
1126+70T(伪装)
3399-62
160T大屏
V1.3-3588拼接
视频切换
音频切换
席位推送
场景
工具
线宽:
颜色:

2.2. Matrix Switching

The matrix switching interface allows for video switching, audio switching, signal preview, and scene management. The signal preview operation is the same as that of the video wall, and will not be repeated here. For details, please refer to section 2.1.4. Signal Preview.

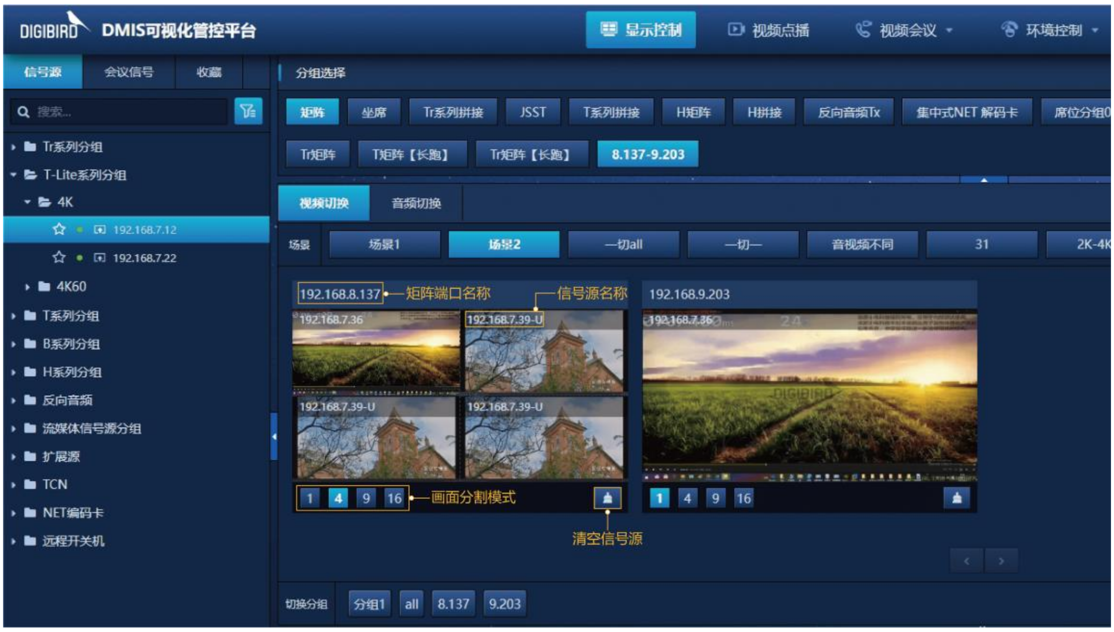
The platform supports two matrix display modes: preview mode and list mode, which can be switched in the software backend under [Implementation Management]—[Display and Control Configuration] interface.

2.2.1. Video Switching

2.2.1.1. Previewing Mode

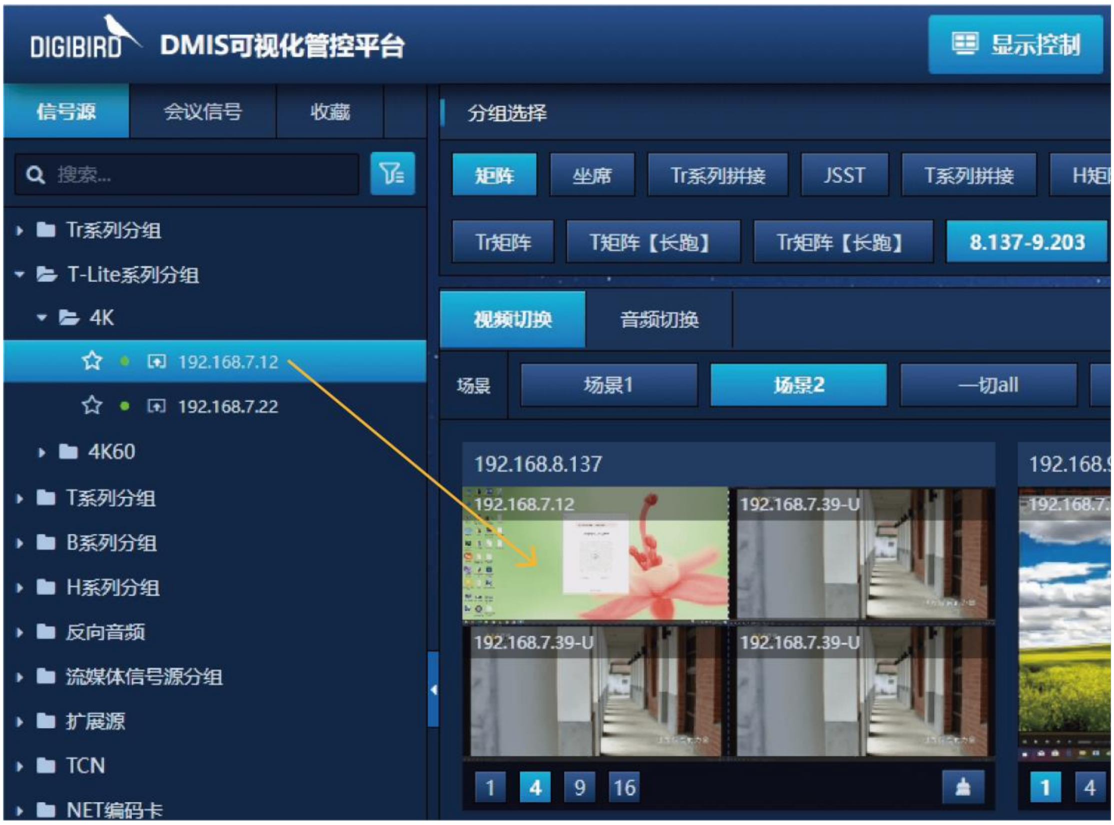
In the front-end [Display Control] interface, select a device group, and then click "Video Switching" to enter the matrix switching interface.

The matrix screen supports split-screen display, including four split modes: 1/4/9/16. In preview mode, clicking the 1/4/9/16-view button at the bottom of the screen will switch to the corresponding multiview mode.

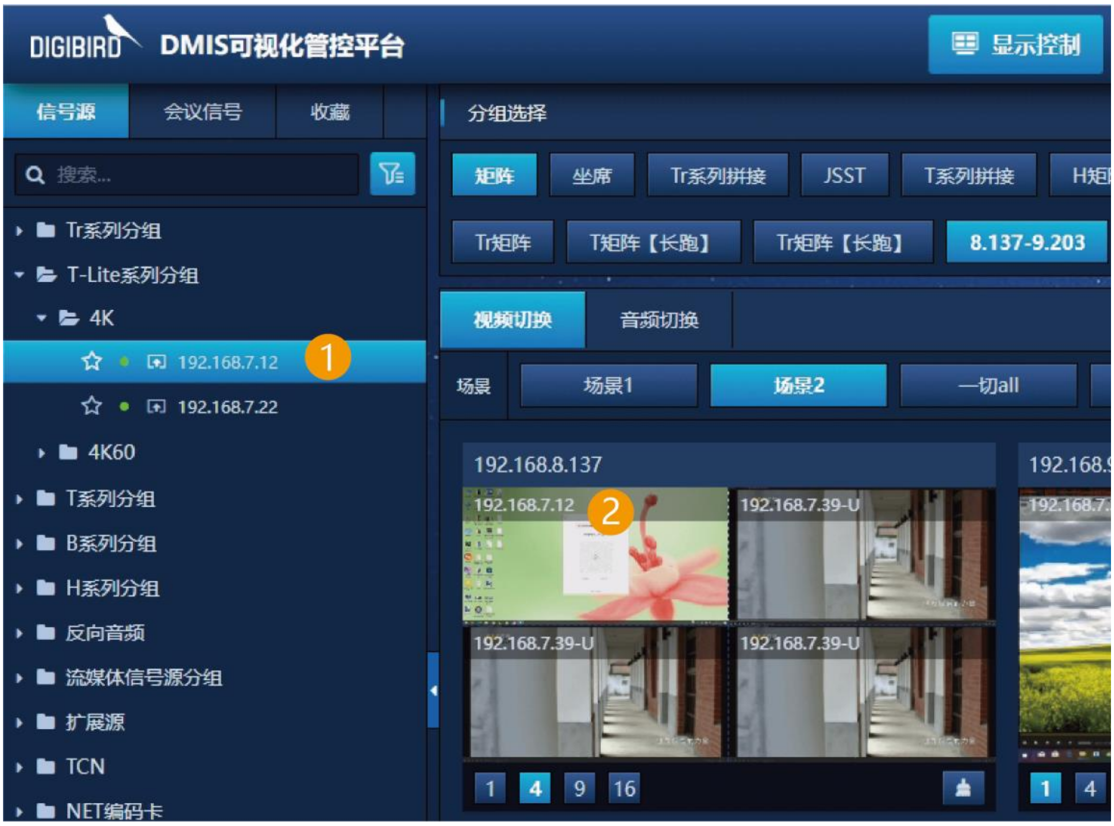

DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
信号源
会议信号
收藏
搜索...
Tr系列分组
T-Lite系列分组
4K
192.168.7.12
192.168.7.22
4K60
T系列分组
B系列分组
H系列分组
反向音频
流媒体信号源分组
扩展源
TCN
NET编码卡
远程开关机
分组选择
矩阵
坐席
Tr系列拼接
JSST
T系列拼接
H矩阵
H拼接
反向音频Tx
集中式NET 解码卡
席位分组0
Tr矩阵
T矩阵【长跑】
Tr矩阵【长跑】
8.137-9.203
视频切换
音频切换
场景
场景1
场景2
—切all
—切—
音视频不同
31
2K-4K
192.168.8.137
矩阵端口名称
信号源名称
192.168.7.36
192.168.7.39-U
192.168.7.39-U
192.168.7.39-U
1 4 9 16
画面分割模式
清空信号源
192.168.9.203
192.168.7.36
1 4 9 16
切换分组
分组1
all
8.137
9.203

There are two modes to switch signals in the preview mode, and the operation is as follows:

Method 1: Drag a signal from the [Signal] list on the left side of the interface to the matrix split screen to complete the switching.

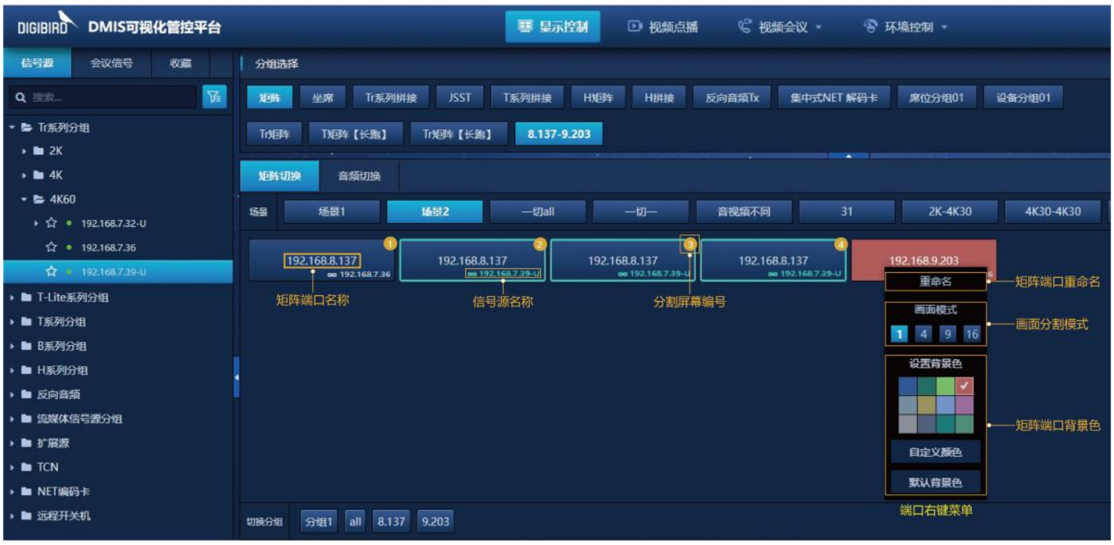

DIGIBIRD
DMIS可视化管控平台
显示控制
信号源
会议信号
收藏
搜索...
Tr系列分组
T-Lite系列分组
4K
192.168.7.12
192.168.7.22
4K60
T系列分组
B系列分组
H系列分组
反向音频
流媒体信号源分组
扩展源
TCN
NET编码卡
分组选择
矩阵
坐席
Tr系列拼接
JSST
T系列拼接
Tr矩阵
T矩阵【长跑】
Tr矩阵【长跑】
8.137-9.203
视频切换
音频切换
场景
场景1
场景2
一切all
192.168.8.137
192.168.7.12
192.168.7.39-U
192.168.7.39-U
192.168.7.39-U
1
4
9
16

Method 2: Click on a signal in the [Signal] list, then click on a matrix to split the screen to switch.


DIGIBIRD
DMIS可视化管控平台
显示控制
信号源
会议信号
收藏
搜索...
Tr系列分组
T-Lite系列分组
4K
192.168.7.12
①
192.168.7.22
4K60
T系列分组
B系列分组
H系列分组
反向音频
流媒体信号源分组
扩展源
TCN
NET编码卡
分组选择
矩阵
坐席
Tr系列拼接
JSST
T系列拼接
Tr矩阵
T矩阵【长跑】
Tr矩阵【长跑】
8.137-9.203
视频切换
音频切换
场景
场景1
场景2
一切all
192.168.8.137
192.168.7.12
②
192.168.7.39-U
192.168.7.39-U
192.168.7.39-U
1
4
9
16

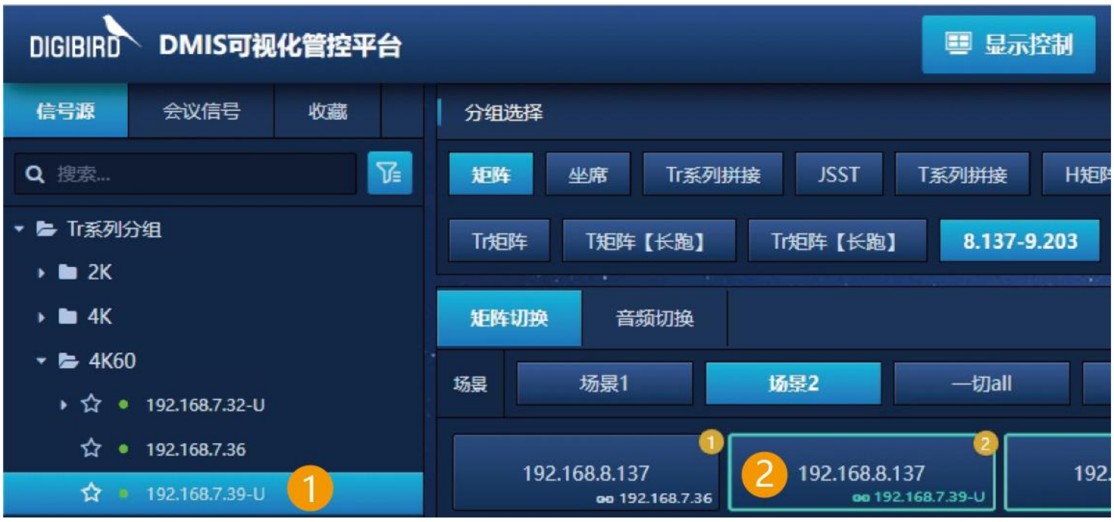
2.2.1.2. List Mode

In list mode, the multiview mode can be set in the right-click menu of the decoding node.


DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
信号源
会议信号
收藏
分组选择
Tr系列分组
2K
4K
4K60
192.168.7.32-U
192.168.7.36
192.168.7.39-U
矩阵切换
音频切换
场景
场景1
场景2
192.168.8.137
192.168.9.203
矩阵端口名称
信号源名称
分割屏幕编号
重命名
画面模式
1
4
9
16
设置背景色
自定义颜色
默认背景色
矩阵端口重命名
画面分割模式
矩阵端口背景色
端口右键菜单

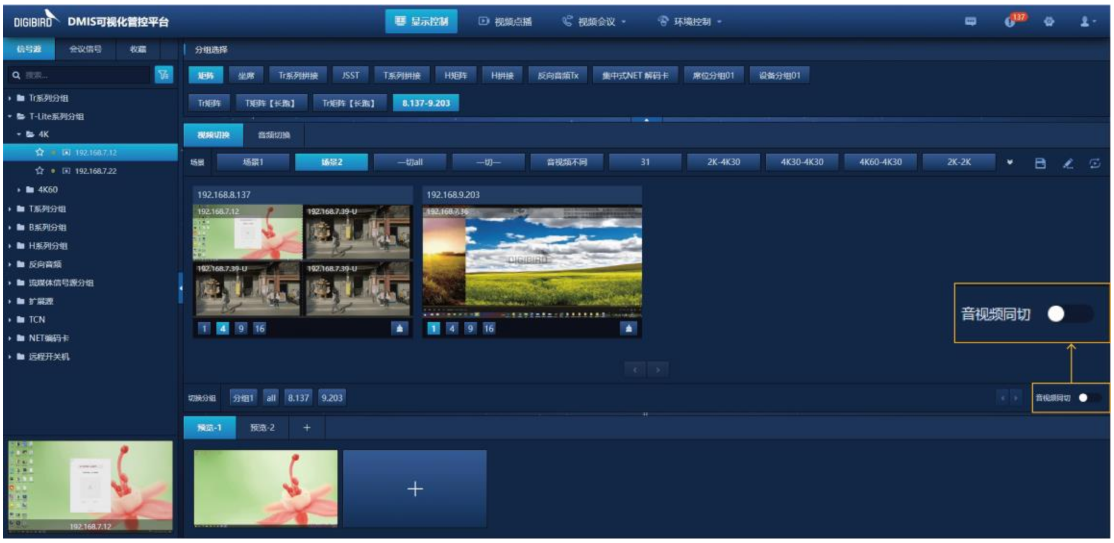
The Br series dual-channel nodes only support 1/4/9-view modes, and do not support 16-view mode.

Click on the signal in the [Signal] list, and then click on a matrix to split the channel to switch (the channel border will be highlighted after switching).


DIGIBIRD DMIS可视化管控平台
显示控制
信号源
会议信号
收藏
分组选择
矩阵
坐席
Tr系列拼接
JSST
T系列拼接
Tr矩阵
T矩阵【长跑】
Tr矩阵【长跑】
8.137-9.203
矩阵切换
音频切换
场景
场景1
场景2
一切all
Tr系列分组
2K
4K
4K60
192.168.7.32-U
192.168.7.36
192.168.7.39-U
1
192.168.8.137
192.168.7.36
2
192.168.8.137
192.168.7.39-U

2.2.1.3. Independent Video Switching

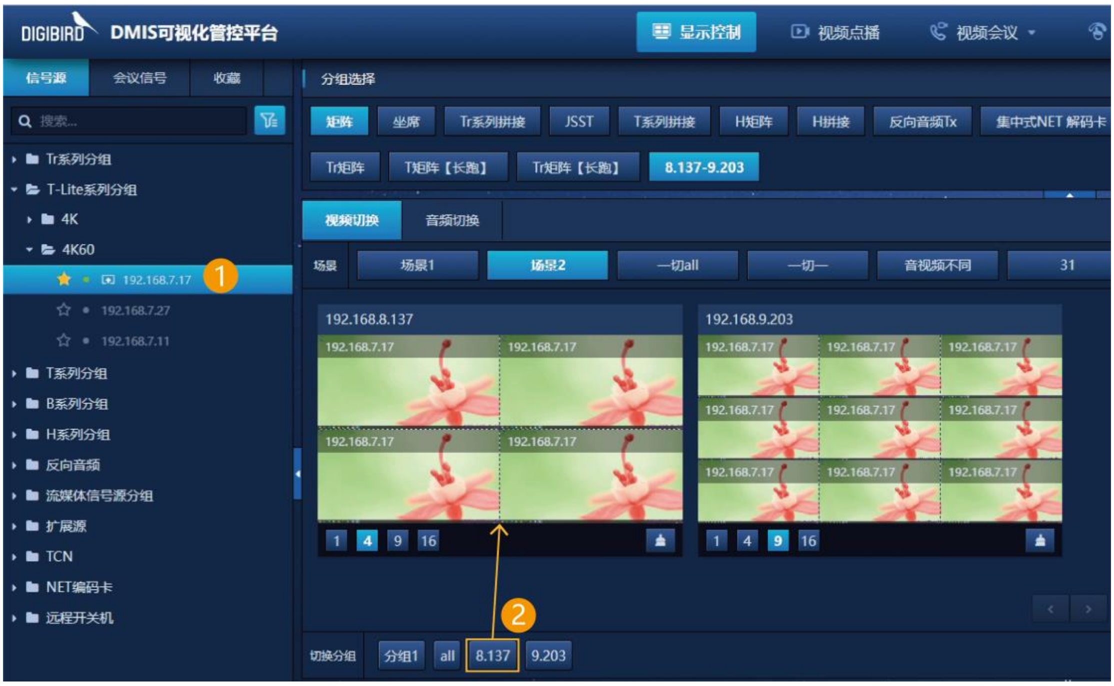
By default, audio is switched synchronously when switching videos. If you only need to switch videos and not audio, you need to configure audio multicast and turn off the "AV Sync Switch" function.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
信号源
会议信号
收藏
分组选择
视频切换
音频切换
场景1
场景2
切换分组
分组1
all
8.137
9.203
192.168.8.137
192.168.9.203
音视频同切
预览-1
预览-2

2.2.1.4. Grouping Switching

The group switching function enables "one-to-many" (one signal can be switched to multiple decoding nodes/decoding split channels), simplifying operation steps and improving work efficiency.

Click on a signal in the [Signal] list, and then click on a switch group to switch the signal to all decoding nodes/decoding split channels/output ports within the group.

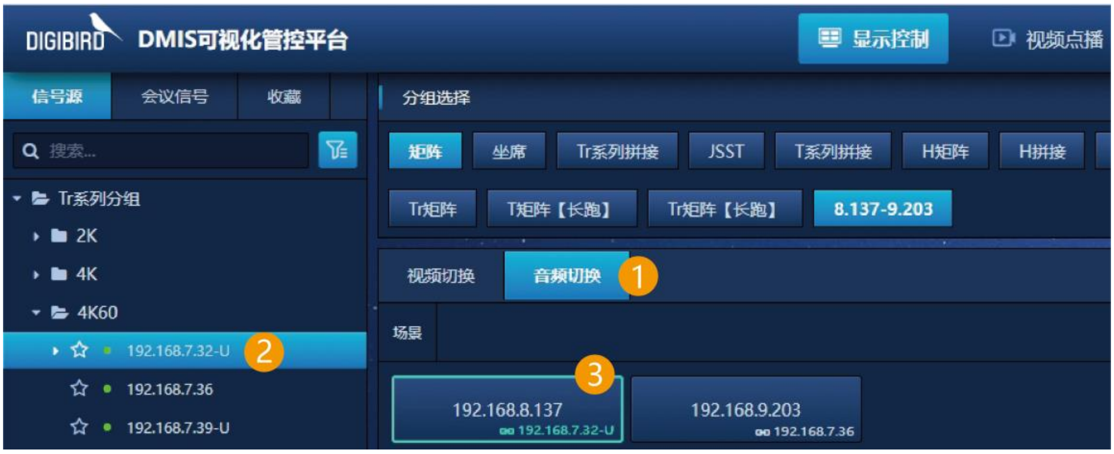

DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
信号源
会议信号
收藏
分组选择
矩阵
坐席
Tr系列拼接
JSST
T系列拼接
H矩阵
H拼接
反向音频Tx
集中式NET 解码卡
Tr矩阵
T矩阵【长跑】
Tr矩阵【长跑】
8.137-9.203
Tr系列分组
T-Lite系列分组
4K
4K60
192.168.7.17
192.168.7.27
192.168.7.11
T系列分组
B系列分组
H系列分组
反向音频
流媒体信号源分组
扩展源
TCN
NET编码卡
远程开关机
视频切换
音频切换
场景
场景1
场景2
一切all
一切一
音视频不同
31
192.168.8.137
192.168.9.203
1
2
切换分组
分组1
all
8.137
9.203

2.2.2. Audio Switching

The software supports independent audio switching, including the following three scenarios:

1. The audio switching of the matrix decoding node supports simultaneous audio and video switching as well as independent audio switching;
2. Reverse audio switching switches the audio input from the decoding node to the output of the encoding node. Note: This function is only available for codec nodes that support reverse audio.
3. For decoding nodes that are set to "independent audio output" in the video wall, a separate audio source can be configured for such nodes.

In the front-end [Display Control] interface, select a group of matrix devices and switch to the [Audio Switching] tab to switch audio independently. In the [Signal] list, click on a signal, and then click on a node to switch the signal's audio output to that node.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
信号源
会议信号
收藏
搜索...
Tr系列分组
2K
4K
4K60
192.168.7.32-U
2
192.168.7.36
192.168.7.39-U
分组选择
矩阵
坐席
Tr系列拼接
JSST
T系列拼接
H矩阵
H拼接
Tr矩阵
T矩阵【长跑】
Tr矩阵【长跑】
8.137-9.203
视频切换
音频切换
1
场景
3
192.168.8.137
192.168.7.32-U
192.168.9.203
192.168.7.36

Decoding nodes that support reverse audio will appear as signals in the foreground's [Signal] list, while encoding nodes will appear as devices in the foreground's [Device Groups].

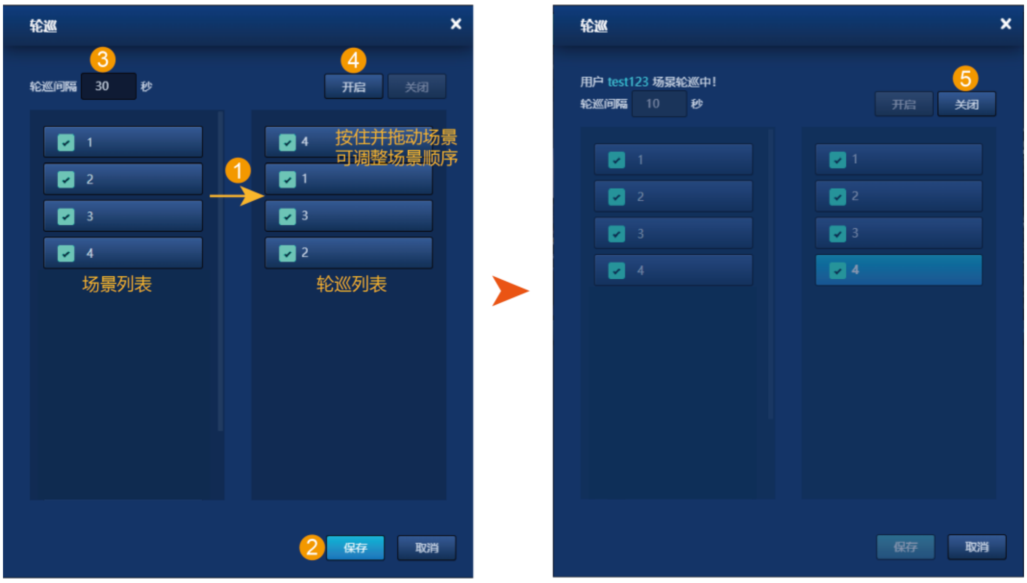
2.2.3. Scene Management

Frequently used video and audio switching relationships can be saved as scenes and recalled with a single click when needed, simplifying the operation process.

Saving, recalling, and editing matrix scenes are the same as for video wall scenes; for more details, see section 2.1.6 Scene Management. The matrix scene patrol operation is mainly explained here.

The matrix video scene supports the patrolling function, while the audio scene does not.

1. Click Scene Patrol ⟳ on the right side of the scene area to open the patrolling settings window.
2. Select the scenes in the desired order in the left-hand [Scene List] and add them to the right-hand [Patrol List]. Click the "Save" button to save your changes.
3. Set the patrolling time interval (range 10 to 9999 seconds), click the "Start" button, and the system will play the scenes in turn according to the order of the "Patrol List" on the right; click the "Close" button to stop the scene patrolling.



轮巡间隔 30 秒

按住并拖动场景可调整场景顺序

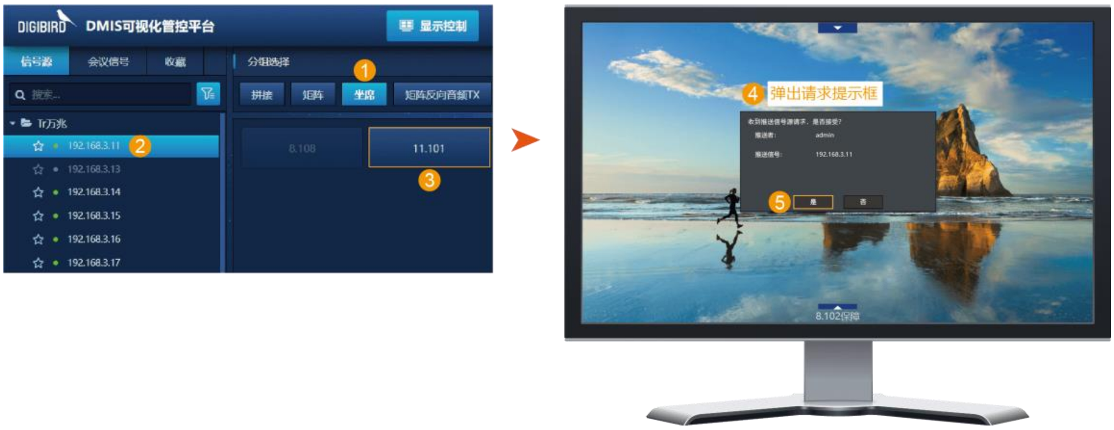
用户 test123 场景轮巡中!

轮巡间隔 10 秒

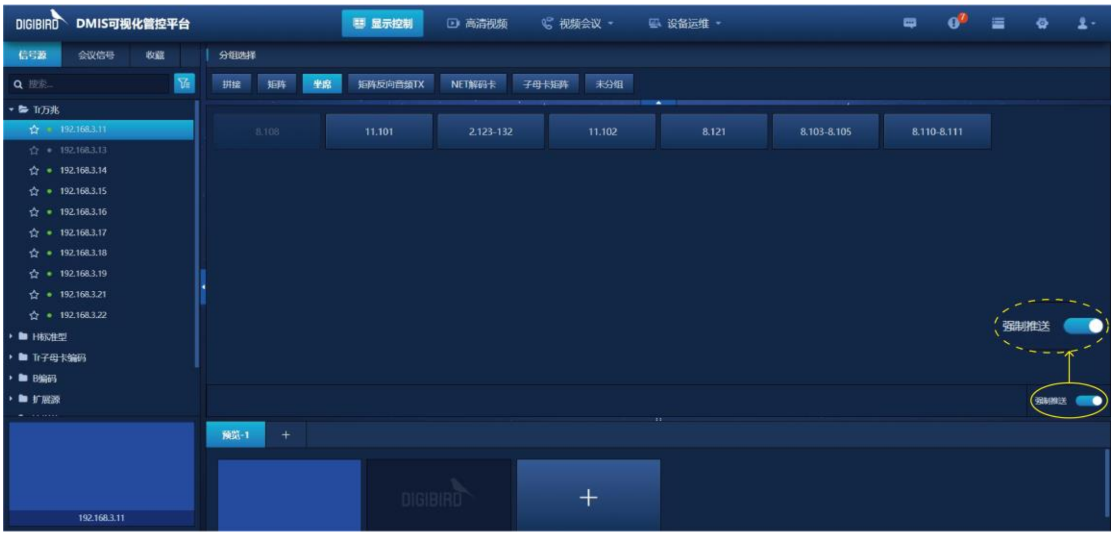
2.3. Station Push

The signal can be pushed to the selected Station in the front-end [Display Control] interface. The software operation is as follows:

In the front-end [Display Control] interface, select the group containing stations in [Device Grouping]. Select the signal in the [Signal] list on the left. Click on a station in the station list on the right. A request prompt box will pop up on the receiving screen of that station. Click the "Yes" button to accept the push and display the signal on the station screen. Click the "No" button to reject the push.


DIGIBIRD
DMIS可视化管控平台
显示控制
信号源
会议信号
收藏
分组选择
拼接
矩阵
坐席
矩阵反向音频TX
192.168.3.11
192.168.3.13
192.168.3.14
192.168.3.15
192.168.3.16
192.168.3.17
8.108
11.101
1
2
3
4
弹出请求提示框
5
8.102坐席

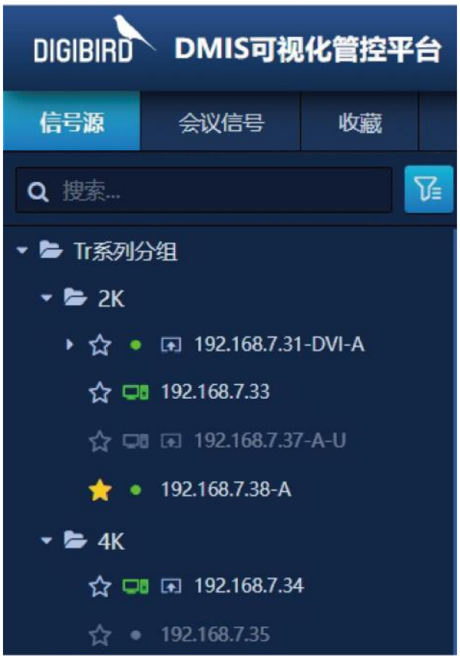
If the "Force Push" 强制推送 switch in the lower right corner of the interface is turned on, the station will accept the push by default when a push signal is sent.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
设备运维
信号源
会议信号
收藏
分组选择
拼接
矩阵
坐席
矩阵反向音频TX
NET解码卡
子母卡矩阵
未分组
192.168.3.11
192.168.3.13
192.168.3.14
192.168.3.15
192.168.3.16
192.168.3.17
192.168.3.18
192.168.3.19
192.168.3.21
192.168.3.22
8.108
11.101
2.123-132
11.102
8.121
8.103-8.105
8.110-8.111
强制推送
预览-1
+

2.4. Signal Management

The software supports renaming signals, setting input labels, cropping signals, and viewing detailed information. For easier viewing and location of signals, the software supports quick filtering by signal tags, online status, domain, and keywords.

2.4.1. Signal Status


DIGIBIRD
DMIS可视化管控平台
信号源
会议信号
收藏
搜索...
Tr系列分组
2K
192.168.7.31-DVI-A
192.168.7.33
192.168.7.37-A-U
192.168.7.38-A
4K
192.168.7.34
192.168.7.35

☆ This indicates that the signal has not been saved.

★ This indicates that the signal has been saved and can be viewed and accessed on the "Favorite" tab.

🖥 This indicates that the signal has been displayed on the video wall.

🟢 This indicates that the signal is online.

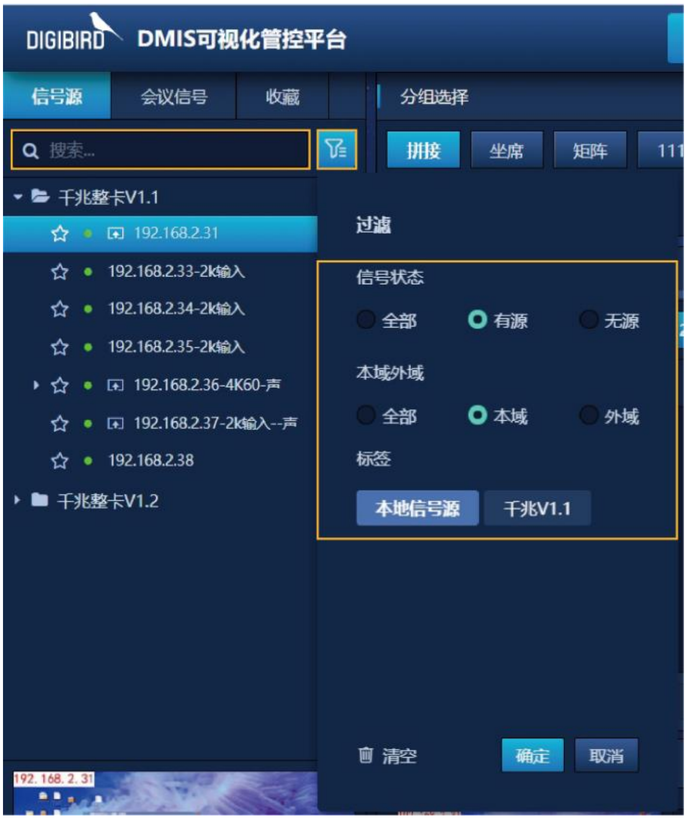
⚪ This indicates that the signal is offline.

🟩 This indicates that the signal icon has been set and the signal is online.

▭ This indicates that the signal icon has been set, but the signal is offline.

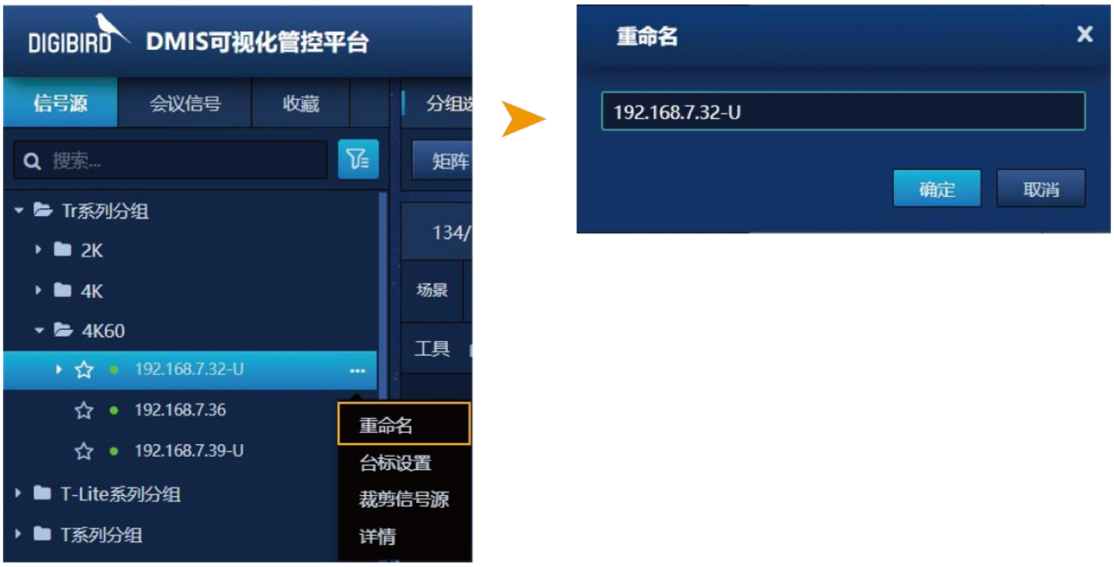
2.4.2. Signal Filtering

Signals can be filtered by signal status, signal label, domain, and keywords.


DIGIBIRD DMIS可视化管控平台
信号源
会议信号
收藏
分组选择
搜索...
拼接
坐席
矩阵
千兆整卡V1.1
192.168.2.31
192.168.2.33-2k输入
192.168.2.34-2k输入
192.168.2.35-2k输入
192.168.2.36-4K60-声
192.168.2.37-2k输入--声
192.168.2.38
千兆整卡V1.2
过滤
信号状态
全部
有源
无源
本域外域
全部
本域
外域
标签
本地信号源
千兆V1.1
清空
确定
取消

2.4.3. Signal Rename

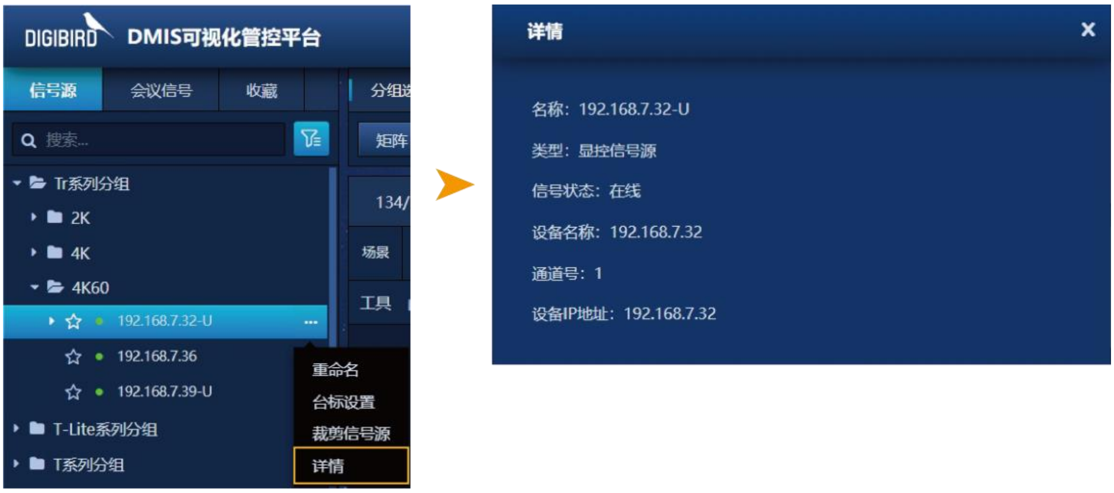
In the "Signal" list of the "Display Control" interface, click ••• after the signal name, and then click the "Rename" button in the pop-up menu to rename the signal.


DIGIBIRD DMIS可视化管控平台
信号源
会议信号
收藏
分组选
搜索...
矩阵
Tr系列分组
2K
4K
4K60
192.168.7.32-U
192.168.7.36
192.168.7.39-U
T-Lite系列分组
T系列分组
重命名
台标设置
裁剪信号源
详情
134/
场景
工具
重命名
确定
取消

192.168.7.32-U

2.4.4. Signal Details

In the "Signal" list of the "Display Control" interface, click ••• after the signal name, and then click the "Details" button in the pop-up menu to view detailed information about the signal.


DIGIBIRD DMIS可视化管控平台
信号源
会议信号
收藏
分组
搜索...
矩阵
Tr系列分组
2K
4K
4K60
192.168.7.32-U
192.168.7.36
192.168.7.39-U
T-Lite系列分组
T系列分组
134/
场景
工具
重命名
台标设置
裁剪信号源
详情

详情

名称：192.168.7.32-U

类型：显控信号源

信号状态：在线

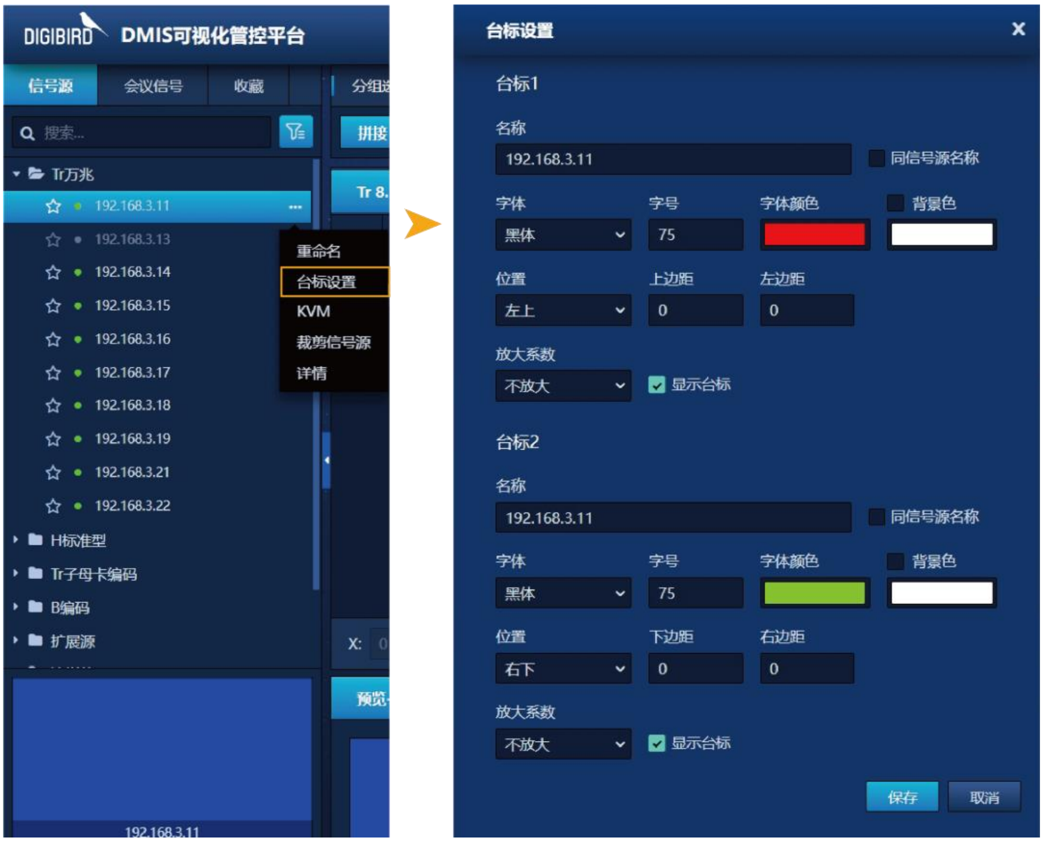
设备名称：192.168.7.32

通道号：1

设备IP地址：192.168.7.32

2.4.5. Input Label Settings

In the "Signal" list of the "Display Control" interface, click ••• after the signal name, to set the input label for a signal, click the "Input Label Settings" button in the pop-up menu, enter the corresponding input label parameters in the pop-up window, and click the "Save" button.


DIGIBIRD DMIS可视化管控平台
信号源
会议信号
收藏
分组
搜索...
拼接
Tr万兆
192.168.3.11
192.168.3.13
192.168.3.14
192.168.3.15
192.168.3.16
192.168.3.17
192.168.3.18
192.168.3.19
192.168.3.21
192.168.3.22
H标准型
Tr子母卡编码
B编码
扩展源
Tr 8.
X: 0
预览
192.168.3.11
重命名
台标设置
KVM
裁剪信号源
详情

台标设置

台标1

名称：192.168.3.11 ☐ 同信号源名称

字体：黑体　字号：75　字体颜色：🟥　☐ 背景色：⬜

位置：左上　上边距：0　左边距：0

放大系数：不放大　☑ 显示台标

台标2

名称：192.168.3.11 ☐ 同信号源名称

字体：黑体　字号：75　字体颜色：🟩　☐ 背景色：⬜

位置：右下　下边距：0　右边距：0

放大系数：不放大　☑ 显示台标

保存　取消

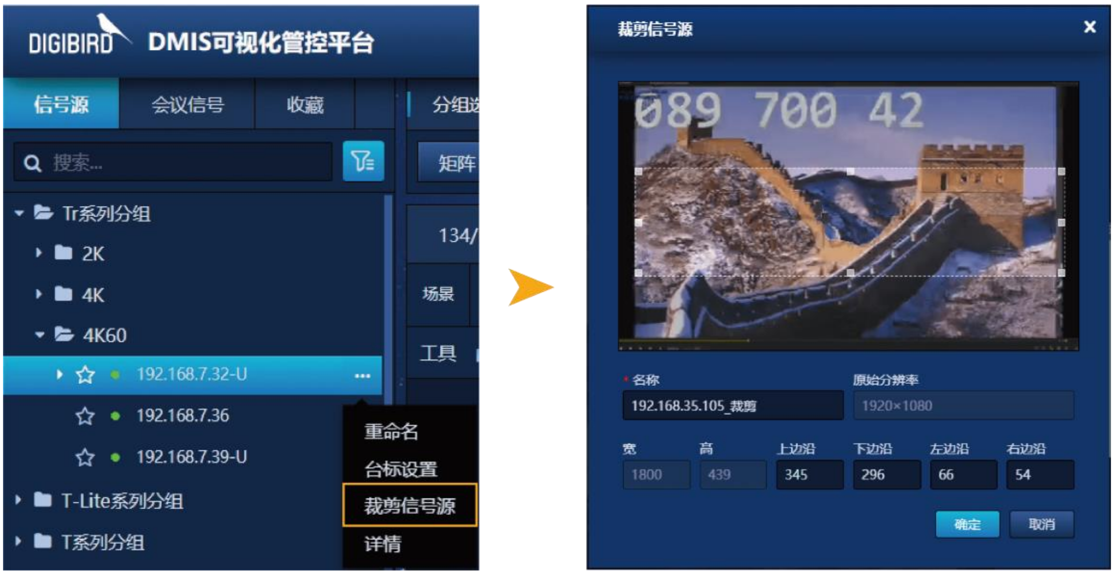
The configurable parameters are explained below:

PARAMETER	**DESCRIPTION**
NAME	Enter any input label content.
SAME SIGNAL NAME	Select this option to use the signal name as the input label.
FONT	Choose the font for the input label text, including SimSun and Heiti.
FONT SIZE	Set the size of the input label text, selectable from 12 to 128.
FONT COLOR	Set the color of the input label text.
BACKGROUND DISPLAY	If you select this function, the input label background color will be displayed on the signal.
BACKGROUND COLOR	Set the background color of the input label.
LOCATION	Set the input label display position, providing four options: top left, top right, bottom left, and bottom right.
MARGIN	If the input label is located in the upper left corner, then set the left margin and top margin; If the input label is located in the upper right corner, then set the right margin and top margin; If the input label is located in the bottom left corner, then set the left margin and bottom margin. If the input label is located in the bottom right corner, then set the right margin and bottom margin.
MAGNIFICATION FACTOR	Set the magnification factor for the input label; options include "No magnification", "Magnify 2x", and "Magnify 4x".
DISPLAY INPUT LABEL	If you select this option, the input label text will be overlaid on the signal.

2.4.6. Signal Cropping

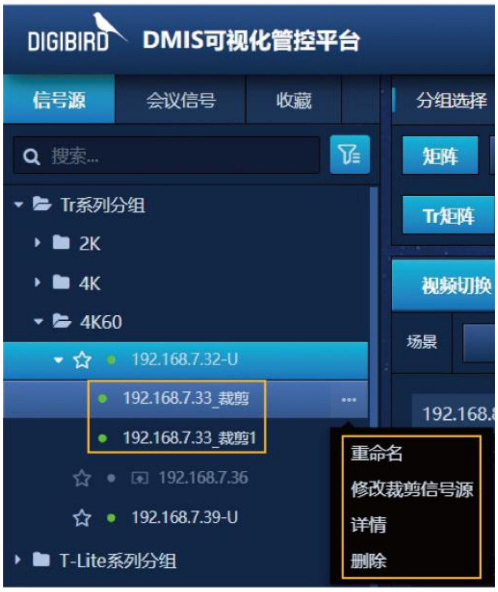
The following functions can be achieved by cropping the signal: removing the black border of the signal; cropping out the excess parts while retaining the important information of the signal; and adjusting the aspect ratio of the signal without distortion.

In the "Signal" list of the "Display Control" interface on the front end, click ··· after the signal name, and in the pop-up menu, click the "Crop Signal" option. In the "Crop Signal" window, you can drag the mouse in the signal area at the top of the window to crop, or you can enter values in the " top/bottom/left/right edge " fields at the bottom of the window for precise cropping. Click the "OK" button to complete the cropping.


DIGIBIRD DMIS可视化管控平台
信号源
会议信号
收藏
分组选
搜索...
矩阵
Tr系列分组
2K
4K
4K60
192.168.7.32-U
192.168.7.36
192.168.7.39-U
T-Lite系列分组
T系列分组
134/
场景
工具
重命名
台标设置
裁剪信号源
详情
裁剪信号源
089 700 42
确定
取消

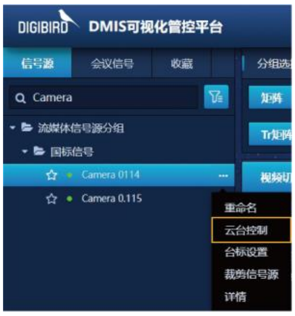
名称: 192.168.35.105_裁剪
原始分辨率: 1920×1080
宽: 1800
高: 439
上边沿: 345
下边沿: 296
左边沿: 66
右边沿: 54

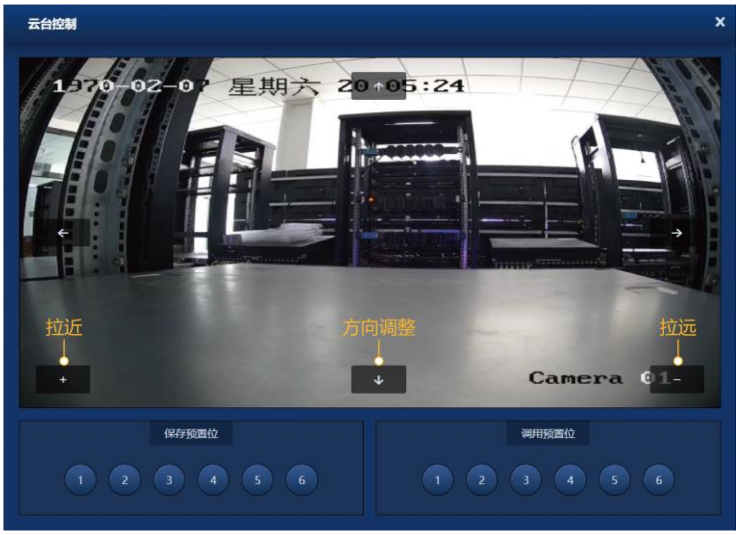
The newly added cropped signals can be seen in the [Signal] list. The window operation for cropped signals is the same as for regular signals. Clicking on ···, any cropped signal will allow you to manage it in the drop-down menu, including renaming, modifying, viewing details, and deleting.


DIGIBIRD DMIS可视化管控平台
信号源
会议信号
收藏
分组选择
搜索...
矩阵
Tr矩阵
视频切换
场景
Tr系列分组
2K
4K
4K60
192.168.7.32-U
192.168.7.33_裁剪
192.168.7.33_裁剪1
192.168.7.36
192.168.7.39-U
T-Lite系列分组
192.168.
重命名
修改裁剪信号源
详情
删除

2.4.7. PTZ Control

The platform supports camera pan-tilt control. Locate the pan-tilt camera in the "Signal" list on the front-end "Display Control" interface, and click on ••• after it. Click the "PTZ Control" button in the drop-down menu to open the "PTZ Control" interface. In this interface, you can adjust the camera's direction and focus, and set and recall preset positions.


DIGIBIRD
DMIS可视化管控平台
信号源
会议信号
收藏
分组选
Camera
矩阵
流媒体信号源分组
Tr矩阵
国标信号
Camera 0114
视频
Camera 0.115
重命名
云台控制
台标设置
裁剪信号源
详情

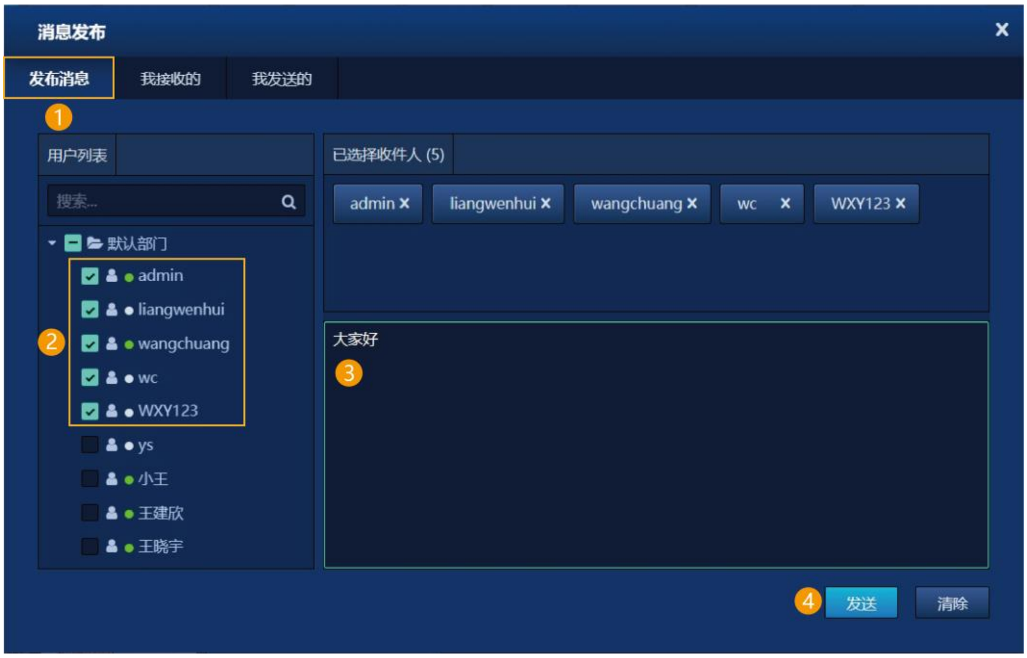

云台控制
1970-02-0 星期六 20 05:24
拉近
方向调整
拉远
Camera 01
保存预置位
1
2
3
4
5
6
调用预置位
1
2
3
4
5
6

OPERATE	DESCRIPTION
DIRECTION ADJUSTMENT	Click the corresponding direction button to change the direction of the camera lens.
ZOOM IN/ ZOOM OUT	Click + button to view details; click − button to view the panorama.
SAVE PRESET POSITION	The current state of the camera can be saved as a preset position and can be recalled with one click when needed.
CALL PRESET BIT	Clicking the corresponding number button will recall the saved preset position.

2.5. Message Posting

It supports sending text messages to other users. The user must have the appropriate permissions, which can be set in the backend interface.

Click "Message Posting" button in the toolbar of the front-end interface to switch to the "Post Message" tab, select the users to receive the message (multiple selections are possible), enter the message to be posted in the message box, and finally click the "Send" button.

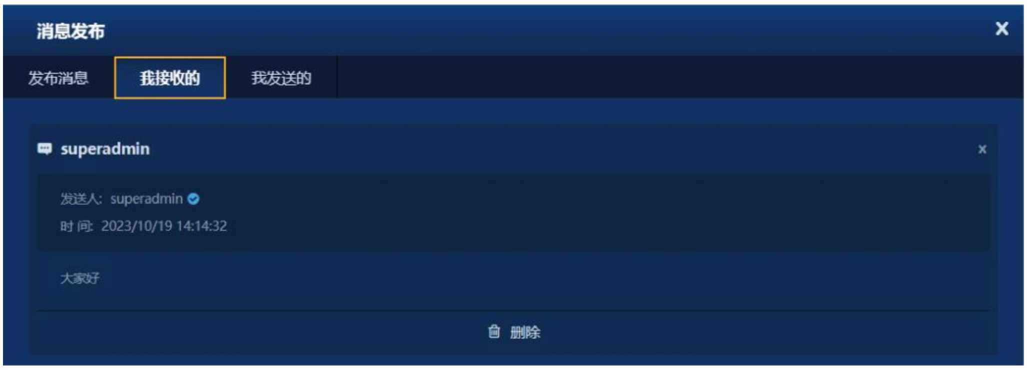


☑ admin
☑ liangwenhui
☑ wangchuang
☑ wc
☑ WXY123
☐ ys
☐ 小王
☐ 王建欣
☐ 王晓宇

已选择收件人 (5)
admin × liangwenhui × wangchuang × wc × WXY123 ×

大家好

Switch to the "Received" tab to view message records sent to you by other users; click the "Delete" button to delete message records.

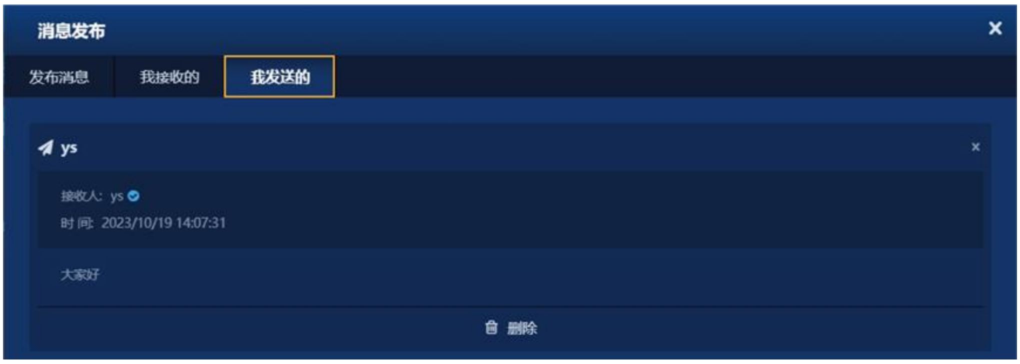


superadmin

发送人: superadmin
时 间: 2023/10/19 14:14:32

大家好

Switch to the "Sent" tab to view your message history sent to other users.



ys

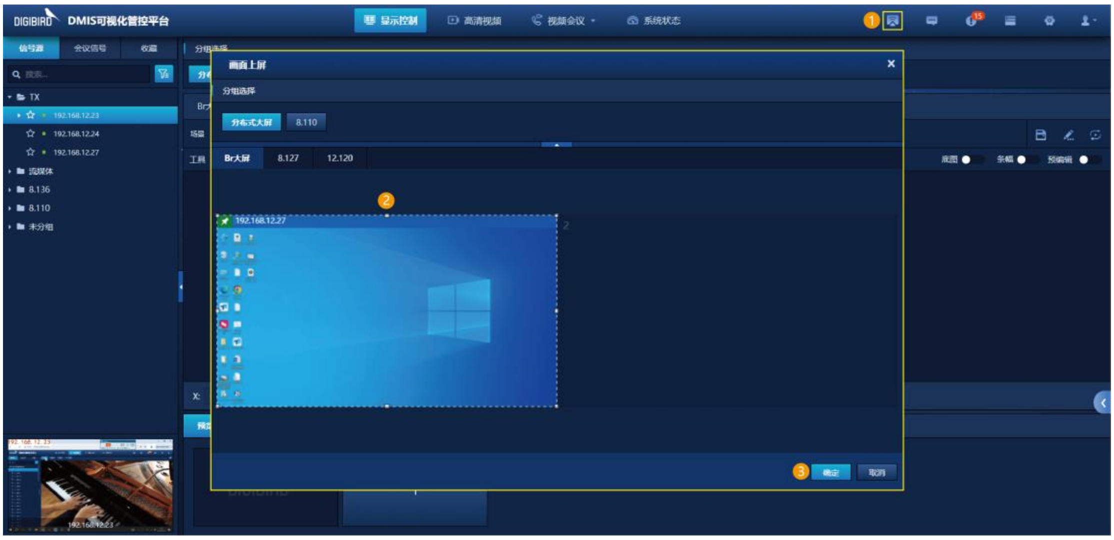
接收人: ys
时 间: 2023/10/19 14:07:31

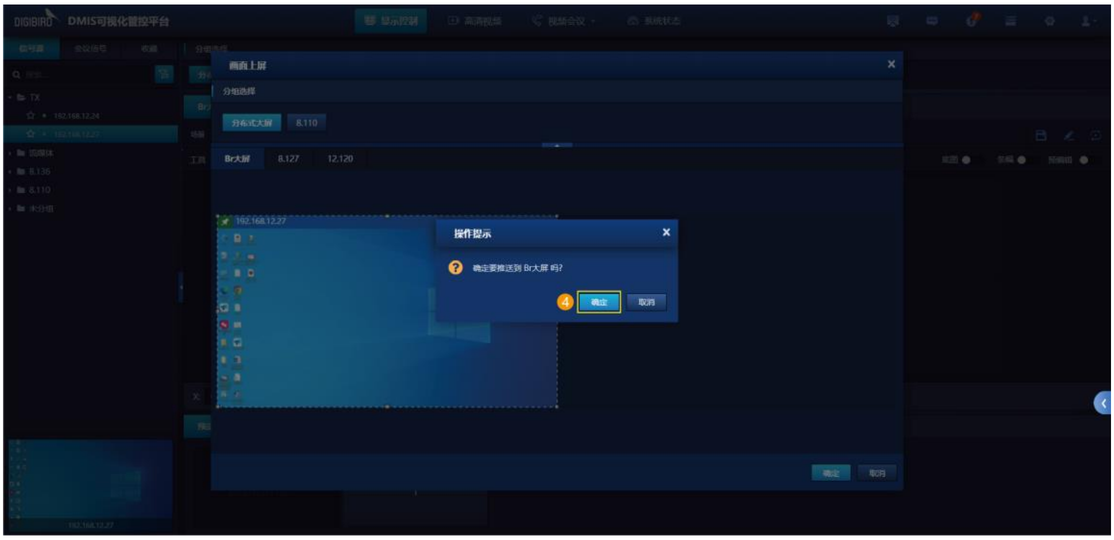
大家好

2.6. One-Click Local Casting

The software supports local one-click screen mirroring, which can project the screen of the control PC onto a video wall for playback.

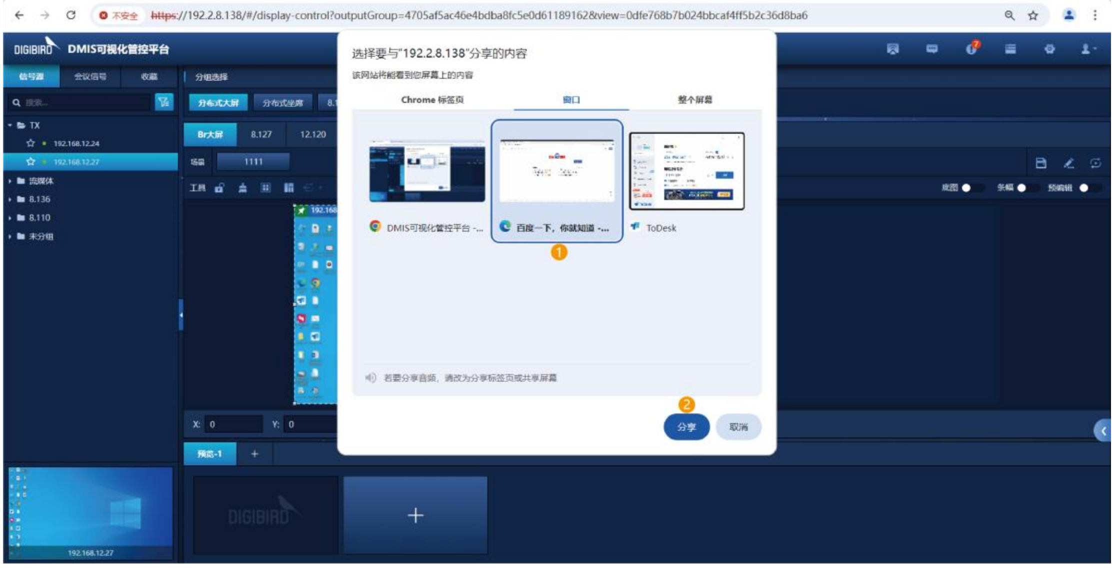
Once you enter the front-end interface, click the "One-Click Local Casting" button in the toolbar. In the pop-up window, select a video wall window, click the "OK" button, and confirm again.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
系统状态
①
信号源
会议信号
收藏
TX
192.168.12.23
192.168.12.24
192.168.12.27
流媒体
8.136
8.110
未分组
画面上屏
分组选择
分布式大屏
8.110
Br大屏
8.127
12.120
②
192.168.12.27
③
确定
取消

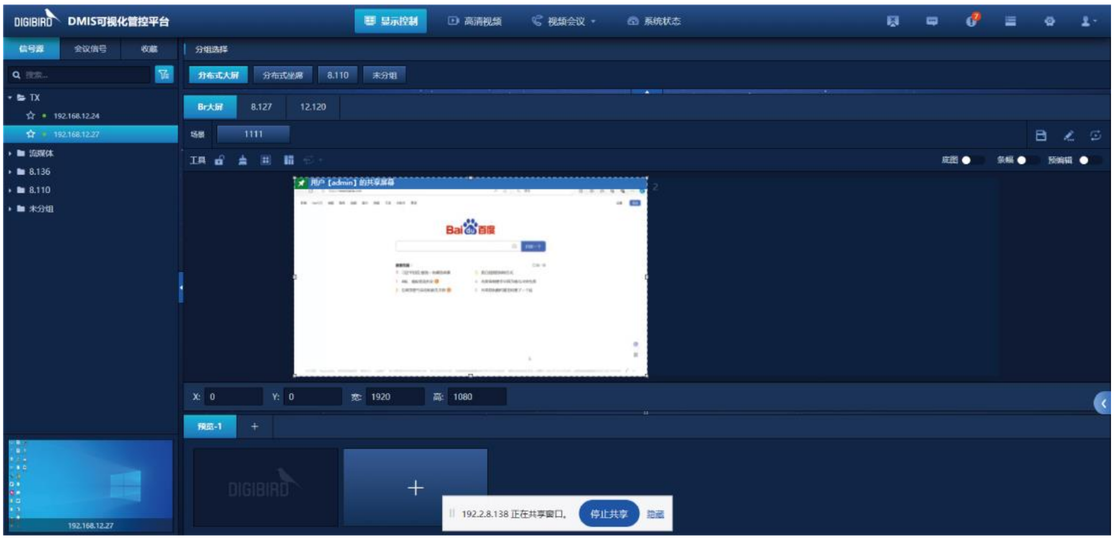

画面上屏
分组选择
分布式大屏
8.110
Br大屏
8.127
12.120
192.168.12.27
操作提示
④
确定
取消

确定要推送到 Br大屏 吗?

Select the content you want to share and click the "Share" button to display the selected content in a video wall window.


DMIS可视化管控平台
信号源
会议信号
收藏
分组选择
分布式大屏
分布式坐席
Br大屏
8.127
12.120
场景
1111
工具
TX
192.168.12.24
192.168.12.27
流媒体
8.136
8.110
未分组
底图
条幅
预编辑
X: 0
Y: 0
预览-1
选择要与"192.2.8.138"分享的内容
该网站将能看到您屏幕上的内容
Chrome 标签页
窗口
整个屏幕
DMIS可视化管控平台 -...
百度一下，你就知道 -...
ToDesk
①
若要分享音频，请改为分享标签页或共享屏幕
②
分享
取消

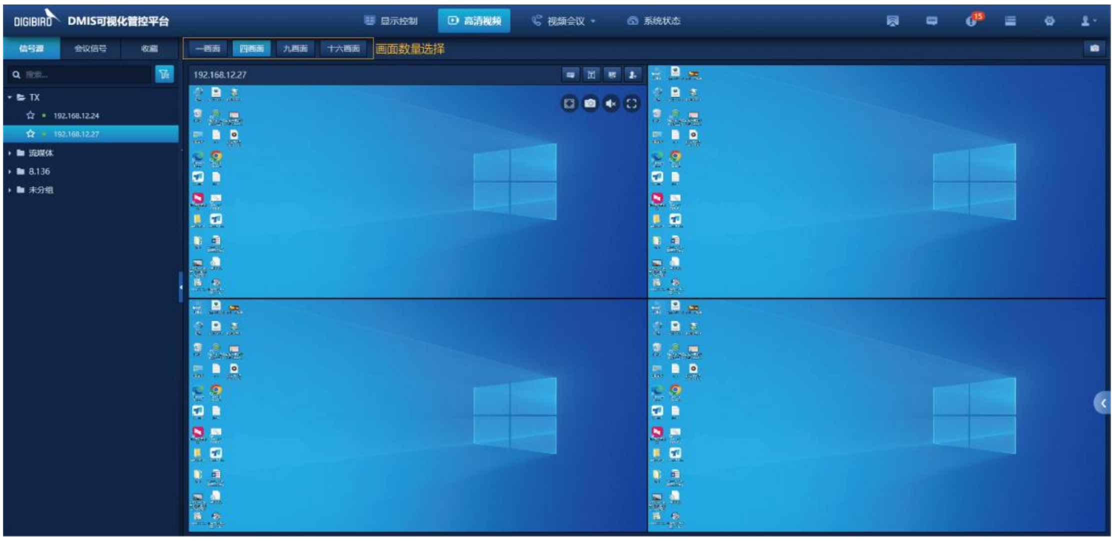
Click the "Stop Sharing" button, and the video wall window will return to the display screen before sharing.


DMIS可视化管控平台
显示控制
高清视频
视频会议
系统状态
信号源
会议信号
收藏
分组选择
分布式大屏
分布式坐席
8.110
未分组
Br大屏
8.127
12.120
场景
1111
工具
TX
192.168.12.24
192.168.12.27
流媒体
8.136
8.110
未分组
底图
条幅
预编辑
用户【admin】的共享屏幕
X: 0
Y: 0
宽: 1920
高: 1080
预览-1
192.2.8.138 正在共享窗口。
停止共享
隐藏

3. Video On Demand

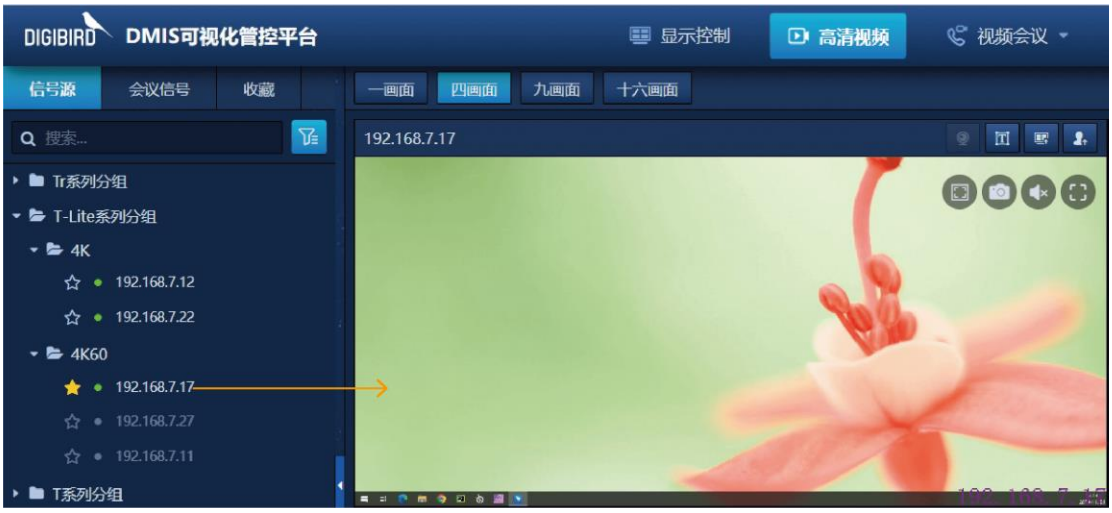
The platform supports real-time on-demand playback of all signals and offers four playback modes: 1/4/9/16 screens, meaning it can simultaneously play up to 16 signals. It supports operations such as single-screen/full-screen screenshots, muting, full-screen playback, setting input labels, recording, and pushing to a video wall. If the signal is a PTZ camera, PTZ control is additionally supported. If the signal is a PC, KVM control functionality is additionally supported.

Once you enter the software's front-end "High-Definition Video" interface, you can click the corresponding button to switch the number of on-demand videos.


DIGIBIRD DMIS可视化管控平台
显示控制
高清视频
视频会议
系统状态
信号源
会议信号
收藏
一画面
四画面
九画面
十六画面
画面数量选择
搜索...
TX
192.168.12.24
192.168.12.27
流媒体
8.136
未分组
192.168.12.27

3.1. Signal On Demand

Simply drag a signal from the [Signal] list into any screen to enable on-demand playback.

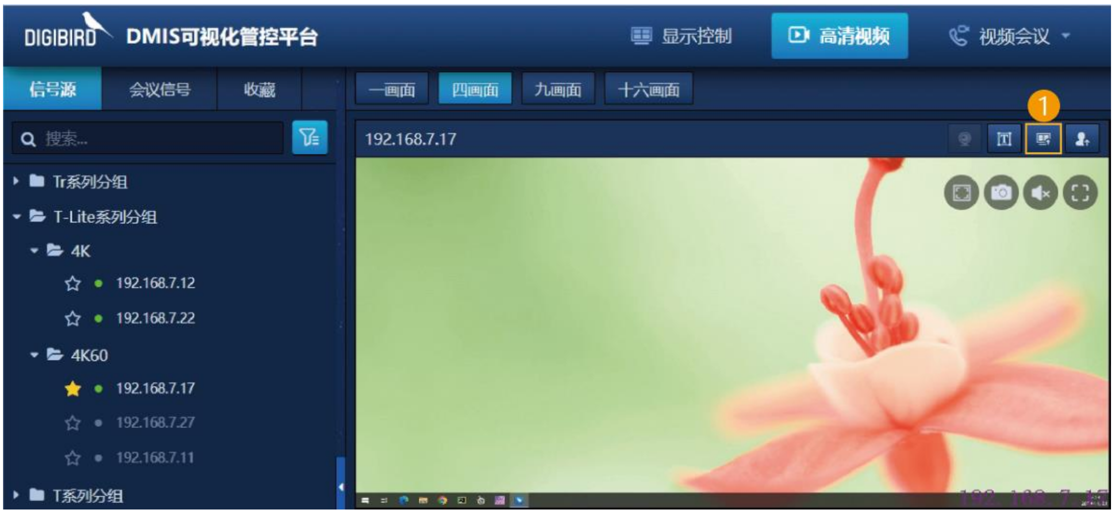

DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
信号源
会议信号
收藏
一画面
四画面
九画面
十六画面
搜索...
Tr系列分组
T-Lite系列分组
4K
192.168.7.12
192.168.7.22
4K60
192.168.7.17
192.168.7.27
192.168.7.11
T系列分组
192.168.7.17

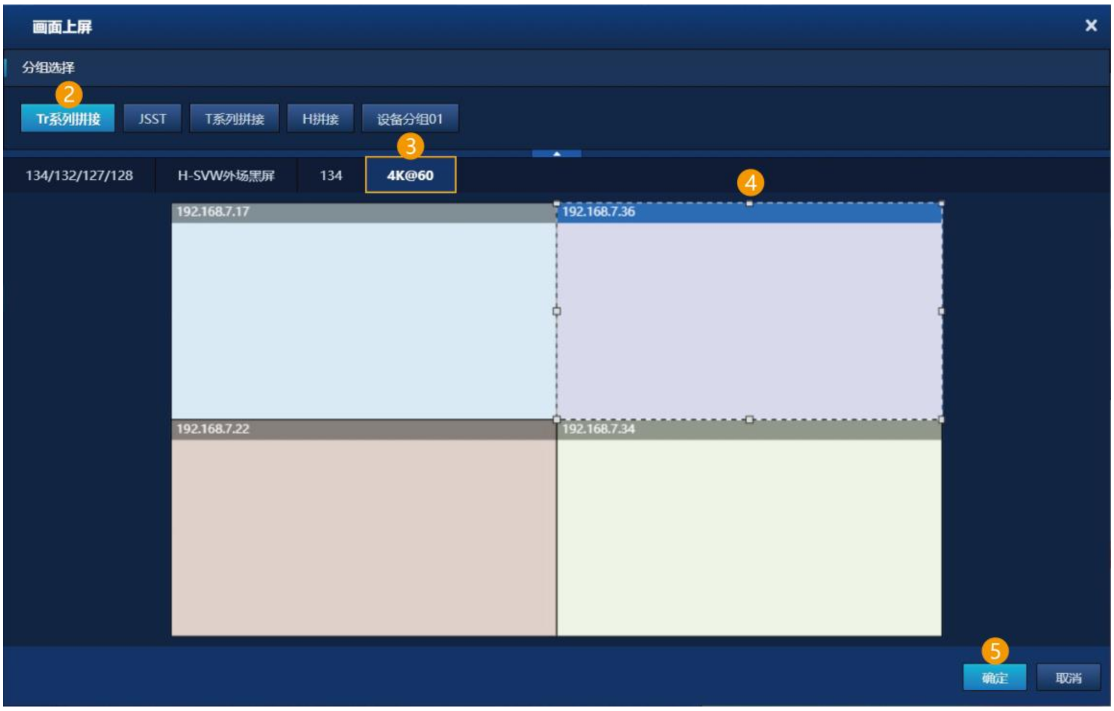
3.2. Signal Push

3.2.1. Push to Video Wall

The platform supports pushing the on-demand signal to the system for display on a video wall.

Place your mouse over the signal screen you want to push, click the "On-Screen Display" button , select the video wall in the pop-up window, click the window you want to push to, and finally click the "OK" button.


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
信号源
会议信号
收藏
一画面
四画面
九画面
十六画面
搜索...
Tr系列分组
T-Lite系列分组
4K
192.168.7.12
192.168.7.22
4K60
192.168.7.17
192.168.7.27
192.168.7.11
T系列分组
192.168.7.17
1

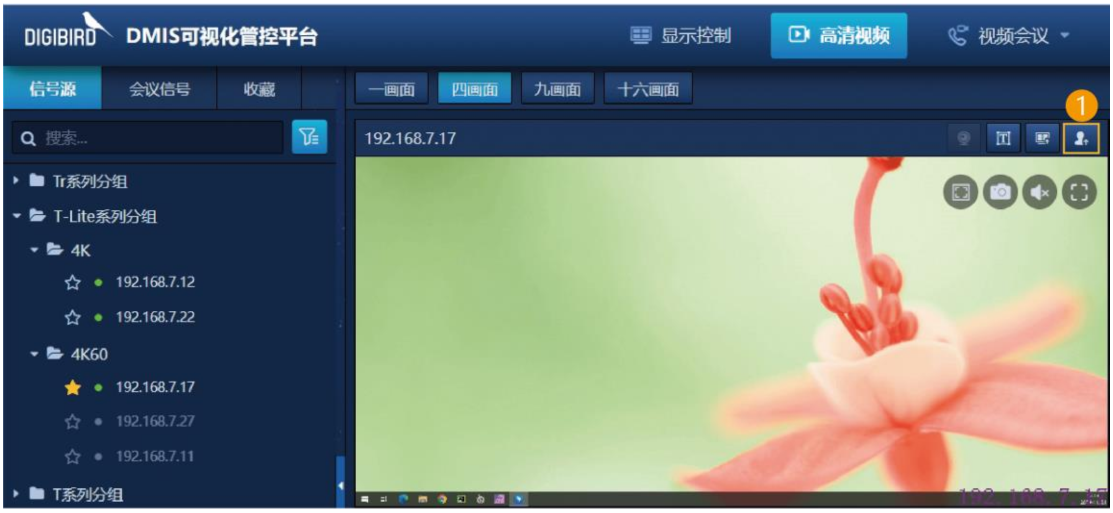

画面上屏
分组选择
2
Tr系列拼接
JSST
T系列拼接
H拼接
设备分组01
3
134/132/127/128
H-SVW外场黑屏
134
4K@60
4
192.168.7.17
192.168.7.36
192.168.7.22
192.168.7.34
5
确定
取消

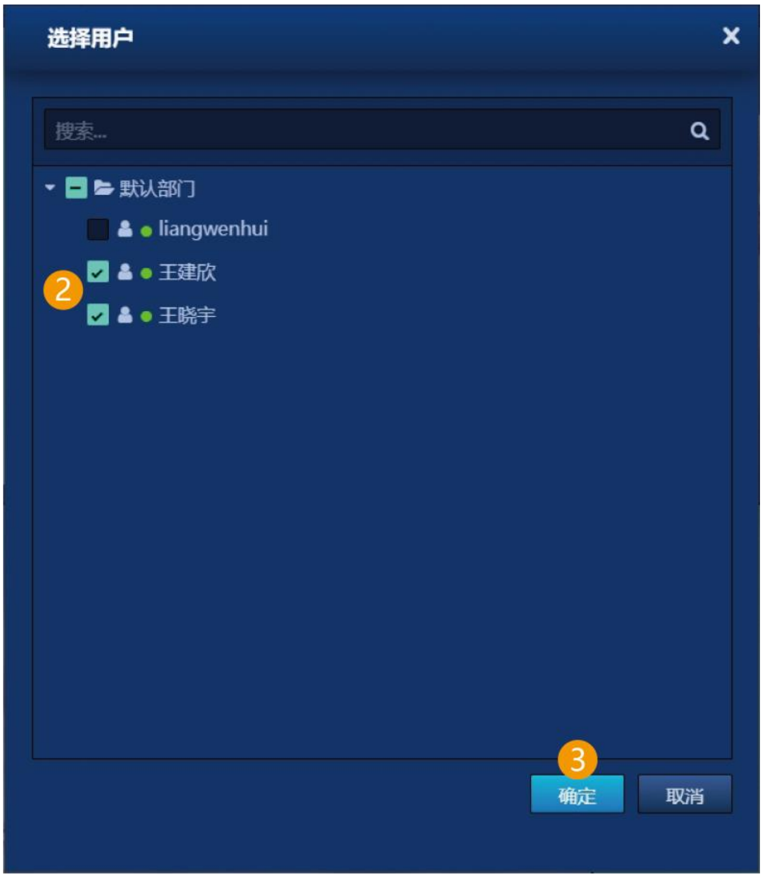
When pushing content to a video wall, only existing windows on the screen can be pushed; opening new windows is not supported. If necessary, you must return to the [Display Control] interface to open a new window before pushing.

3.2.2. Push to Users

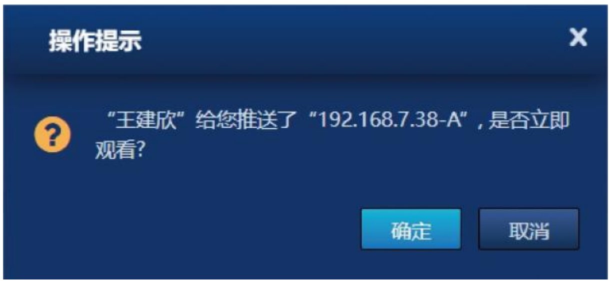
The platform supports sharing the currently streaming video with other users. The steps are as follows:

Place your mouse over the signal you want to push to, and click "Push to User" , and select the users to be pushed to from the pop-up user list (multiple selections are allowed), and click the "OK" button;


DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
信号源
会议信号
收藏
一画面
四画面
九画面
十六画面
搜索...
Tr系列分组
T-Lite系列分组
4K
192.168.7.12
192.168.7.22
4K60
192.168.7.17
192.168.7.27
192.168.7.11
T系列分组
192.168.7.17
1


选择用户
搜索...
默认部门
liangwenhui
王建欣
王晓宇
2
3
确定
取消

At this point, the user receiving the push notification will receive a notification box. If the user selects "OK", a window will open, and the video will start playing. If the user selects "Cancel", the video will not play.

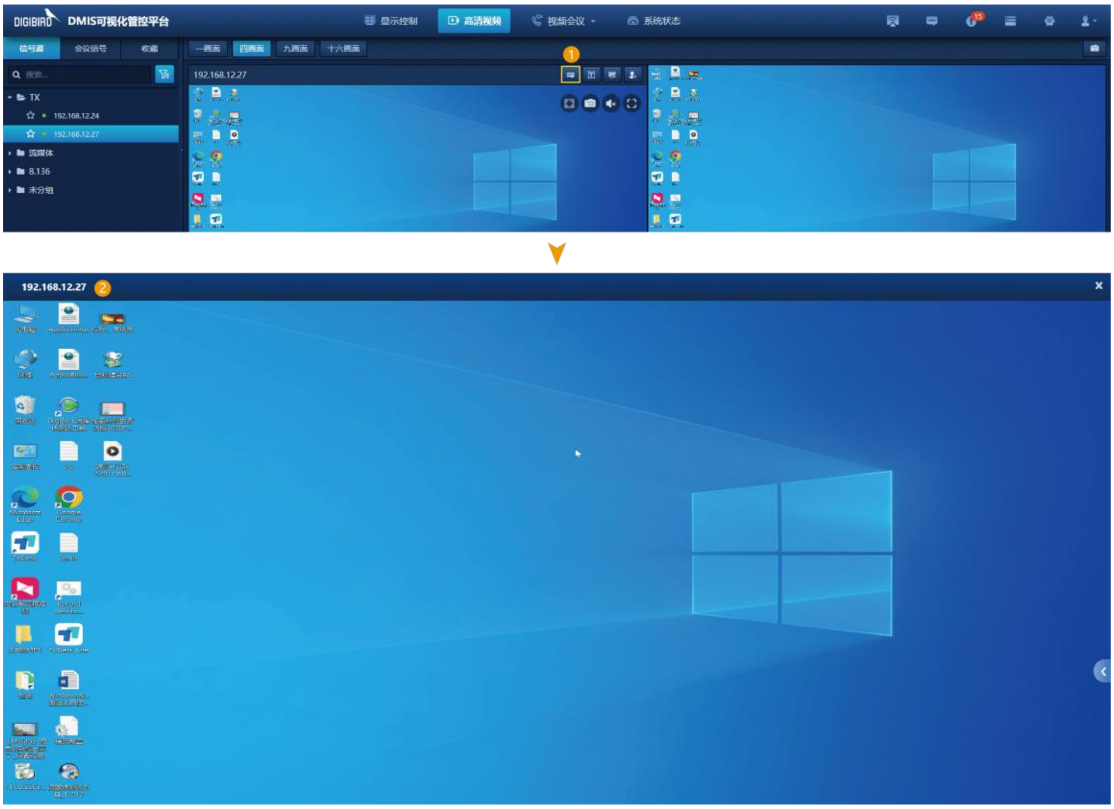


“王建欣”给您推送了“192.168.7.38-A”，是否立即观看?

3.3. KVM Control

If the on-demand signal is a PC, server, or other signal that supports keyboard and mouse control, you can remotely control the signal via KVM in the [HD Video] interface.

Place the mouse cursor over the screen you want to control and click the "KVM" button to remotely control the signal using KVM.

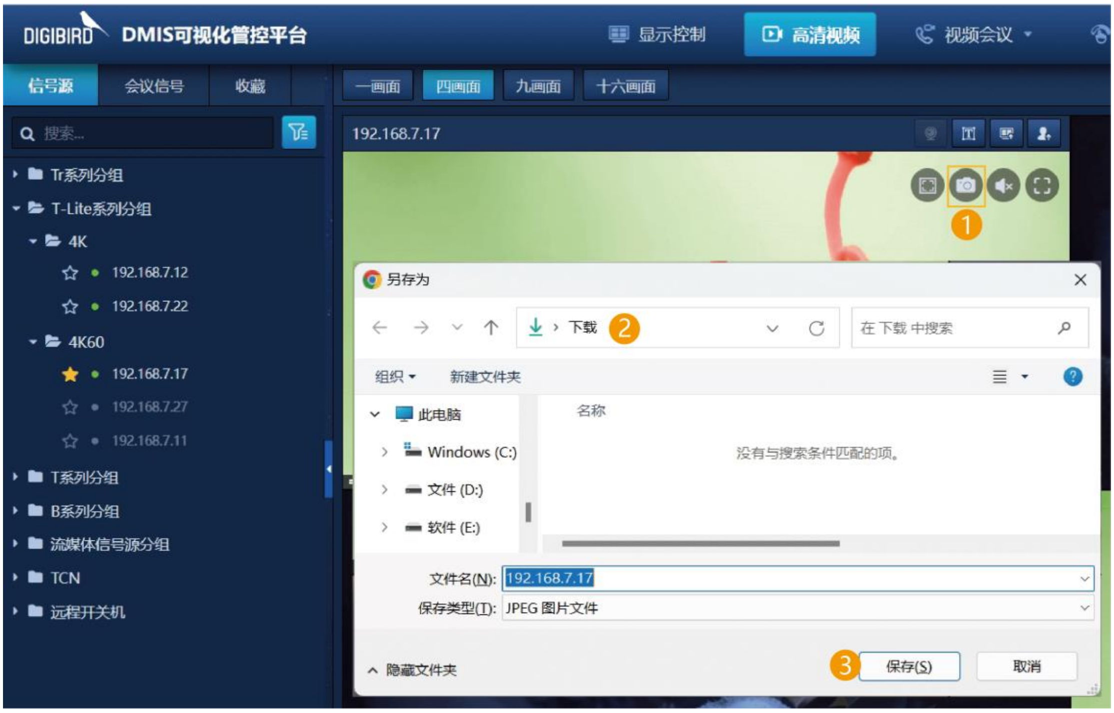

DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
系统状态
信号源
会议信号
收藏
一画面
四画面
九画面
十六画面
TX
192.168.12.24
192.168.12.27
流媒体
8.136
未分组
1
192.168.12.27
2

3.4. Screenshot of On-Demand Playback

3.4.1. Single-Screen Screenshot

A single-screen screenshot captures an image of a single on-demand video.

Place your mouse cursor over the area of the screen you want to capture, and click "Screenshot" , select the local PC storage path in the pop-up window, and finally click the "Save" button to save the screenshot to your local PC.



DIGIBIRD
DMIS可视化管控平台
显示控制
高清视频
视频会议
信号源
会议信号
收藏
一画面
四画面
九画面
十六画面
搜索...
Tr系列分组
T-Lite系列分组
4K
192.168.7.12
192.168.7.22
4K60
192.168.7.17
192.168.7.27
192.168.7.11
T系列分组
B系列分组
流媒体信号源分组
TCN
远程开关机
192.168.7.17
1
另存为
下载
2
在 下载 中搜索
组织
新建文件夹
此电脑
Windows (C:)
文件 (D:)
软件 (E:)
名称
没有与搜索条件匹配的项。
隐藏文件夹
3
保存(S)
取消

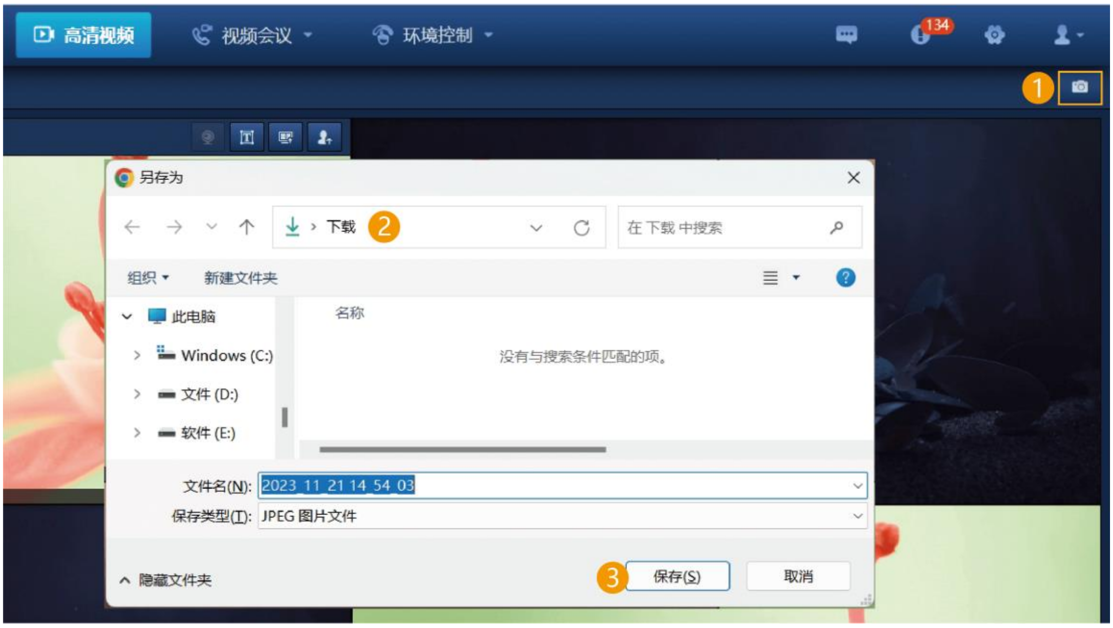
文件名(N): 192.168.7.17

保存类型(T): JPEG 图片文件

3.4.2. Full-Screen Screenshot

A full-screen screenshot captures the entire on-demand video frame.

On the [Video on Demand] screen, click "Screenshot" 📷 in the upper right corner, select the local PC storage path in the pop-up window, and finally click the "Save" button to save the screenshot to your local PC.

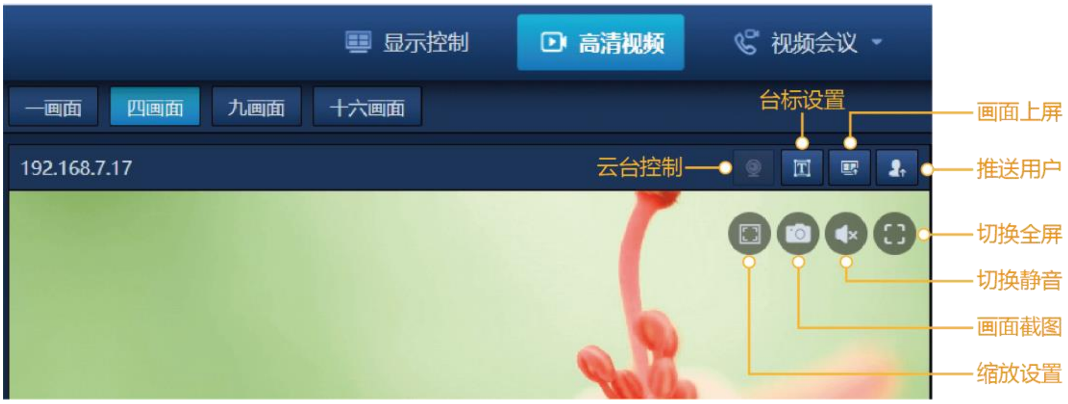

高清视频
视频会议
环境控制
134
1
另存为
下载
2
在 下载 中搜索
组织
新建文件夹
此电脑
Windows (C:)
文件 (D:)
软件 (E:)
名称
隐藏文件夹
3
保存(S)
取消

没有与搜索条件匹配的项。

文件名(N): 2023 11 21 14 54 03

保存类型(T): JPEG 图片文件

3.5. Other Functions


显示控制
高清视频
视频会议
一画面
四画面
九画面
十六画面
台标设置
画面上屏
192.168.7.17
云台控制
推送用户
切换全屏
切换静音
画面截图
缩放设置

The function items are described as follows:

FUNCTION	DESCRIPTION
PTZ CONTROL	If the on-demand signal is a PTZ camera, you can click to control the PTZ. For control details, please refer to 2.4.7 PTZ Control.
INPUT LABEL SETTINGS	Click this button to set an input label for the signal. For details, please refer to section 2.4.5 Input Label Settings.
SWITCH TO FULL SCREEN	Click this button to zoom in to full screen.
SWITCH TO MUTE	Click this button to turn the current audio source on/off.
SCALING SETTINGS	Click this button to switch between screen zoom modes, including original scale and full screen.

4. Video Recording

The software supports video recording and playback, including signal recording and playback, scene recording and playback, and video wall recording and playback.

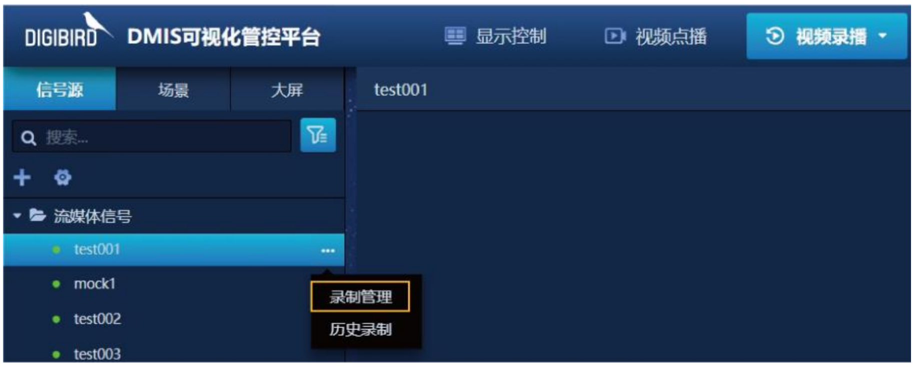
Note: To implement this function, an additional recording and playback extension host is required.

4.1. Signal Recording

Signal recording includes single signal recording and multi-signal recording, and broadcasting.

4.1.1. Single Signal Recording

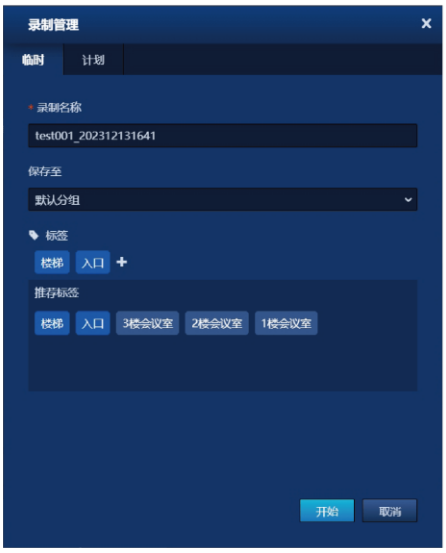
In the "Signal" list of the "Video Recording" interface, click ··· after the signal name to access the [Recording Management] window by clicking the "Recording Management" button in the menu.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频录播
信号源
场景
大屏
test001
搜索...
流媒体信号
test001
mock1
test002
test003
录制管理
历史录制

Set the recording parameters in the window, supporting both temporary and scheduled recording. Click the "Start" button to begin recording.

- **Temporary recording:** Temporary recording means that after configuring the parameters, you can click the "Start" button to start recording video immediately.
- **Scheduled recording:** Scheduled recording means setting the start and end times of the recording in advance, and the signal will automatically record according to the set time, without the need for manual operation by the user.

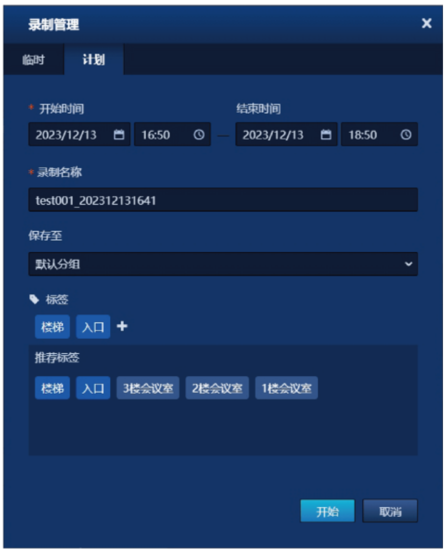
临时录制



* 录制名称: test001_202312131641

保存至: 默认分组

计划录制



* 开始时间: 2023/12/13 16:50

结束时间: 2023/12/13 18:50

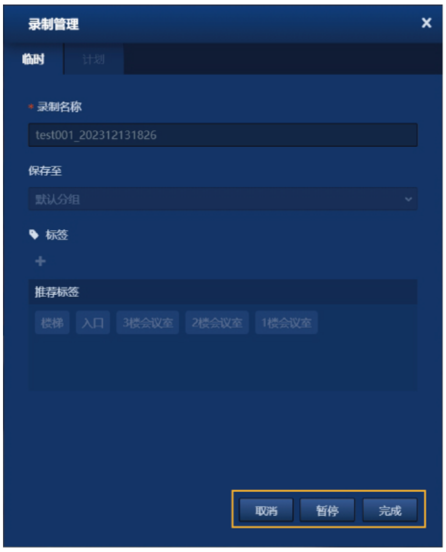
* 录制名称: test001_202312131641

保存至: 默认分组

The recording parameters are explained below:

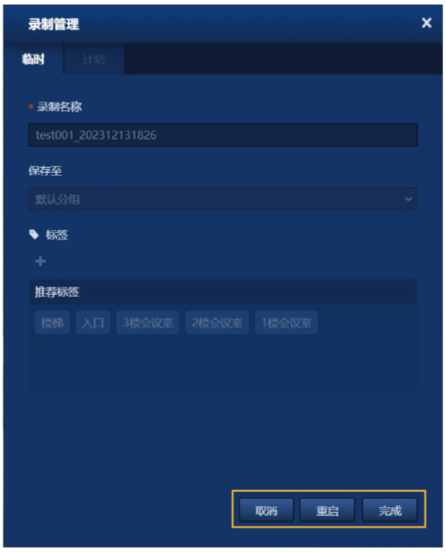
PARAMETER	DESCRIPTION
RECORDING NAME	Customizable recording file name
START TIME	Recording start time.
END TIME	Recording end time.
SAVE TO	You can select the video recording storage group from the drop-down menu. The storage group can be set in the background under [File Management] — [Recorded Files].
LABEL	Add tags to your recordings for easier searching. Click + button to customize the labels, or select from the "Recommended Labels" list.
RECOMMENDED LABEL	The video label list can be added in the backend under [Resource Management]—[Label Management] interface.

To pause or finish recording early, re-enter the recording management interface for that signal and click the "Pause" or "Finish" button. To restart a paused recording process, click the "Restart" button in the recording management interface for that signal. To cancel recording, click the "Cancel" button.


录制管理
×
临时
计划
标签
+
推荐标签
楼梯
入口
3楼会议室
2楼会议室
1楼会议室
取消
暂停
完成

* 录制名称: test001_202312131826

保存至: 默认分组


录制管理
×
临时
计划
标签
+
推荐标签
楼梯
入口
3楼会议室
2楼会议室
1楼会议室
取消
重启
完成

* 录制名称: test001_202312131826

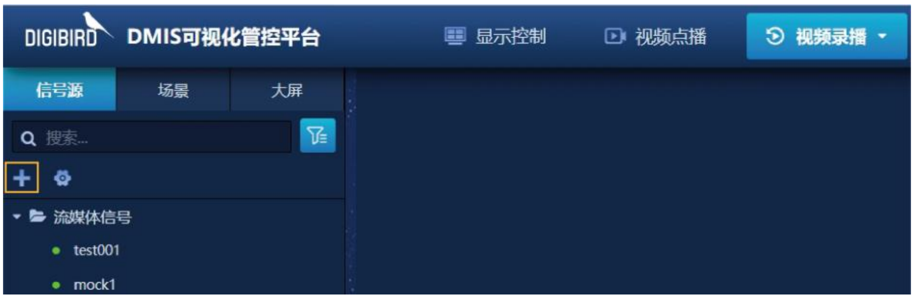
保存至: 默认分组

In the [Signal] list, signals that are recording will have a status indicator. Recording in progress will display a recording indicator ●; recording paused will display a paused indicator ⏸; scheduled recording not yet started will display a scheduled indicator 🕒.
Recording cannot be paused or stopped within one minute of its start.

4.1.2. Multi-Signal Recording

Multi-signal recording means recording multiple signals simultaneously, with a maximum of 20 signals recorded at a time.

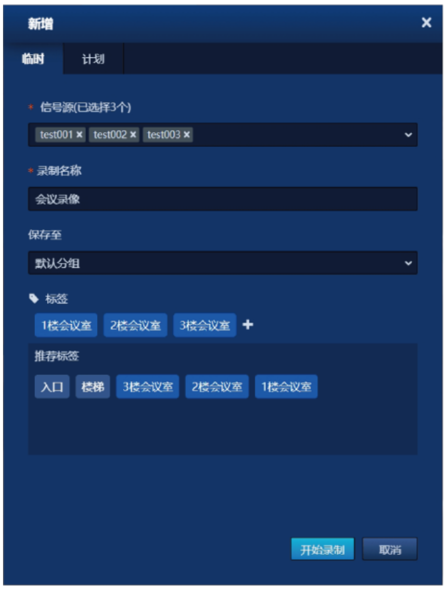
In the "Signal" list of the "Video Recording" interface on the front end, click the "Add" ➕ button to open the "Add" window.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频录播
信号源
场景
大屏
搜索...
流媒体信号
test001
mock1

Select multiple signals from the "Signal" drop-down list in the window, set other recording parameters, and click the "Start Recording" or "Save" button to start recording. The naming rule for the recording file is: Recording Name - Signal Name.

Multi-signal recording also supports both temporary and scheduled recording, as well as recording pause and restart operations. For parameter settings and operation details, please refer to [4.1.1 Single Signal Recording](#).

临时录制

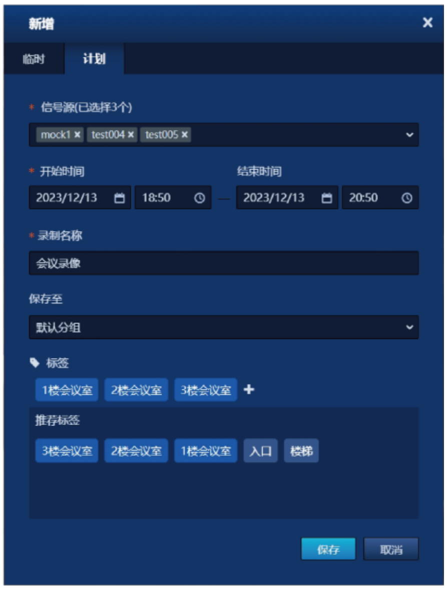

新增
临时
计划
标签
1楼会议室
2楼会议室
3楼会议室
推荐标签
入口
楼梯
3楼会议室
2楼会议室
1楼会议室
开始录制
取消

* 信号源(已选择3个): test001 × test002 × test003 ×

* 录制名称: 会议录像

保存至: 默认分组

计划录制


新增
临时
计划
标签
1楼会议室
2楼会议室
3楼会议室
推荐标签
3楼会议室
2楼会议室
1楼会议室
入口
楼梯
保存
取消

* 信号源(已选择3个): mock1 × test004 × test005 ×

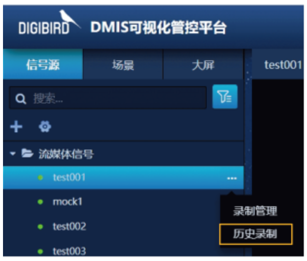
* 开始时间: 2023/12/13 18:50 — 结束时间: 2023/12/13 20:50

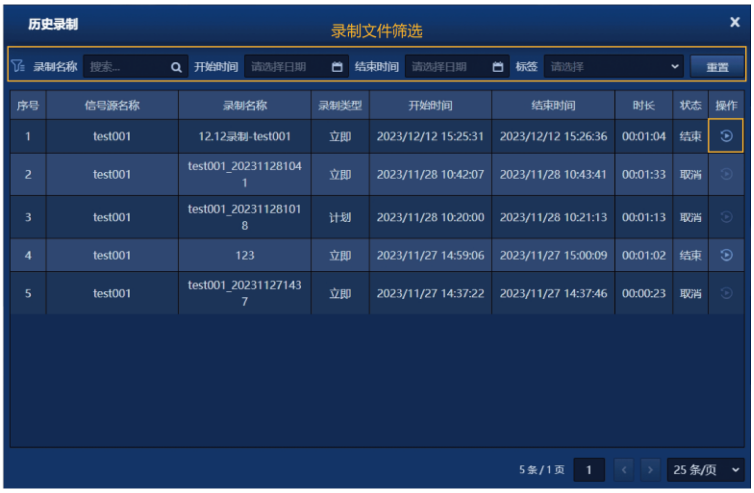
* 录制名称: 会议录像

保存至: 默认分组

Click ⋯ after the signal name to access the recording history, and click the "Recording History" button in the pop-up menu. A window will open where you can view and watch all recorded files.

Recordings can be filtered by name, start time, end time, and tags. Click the "Play" ⏵ button to watch the recording.

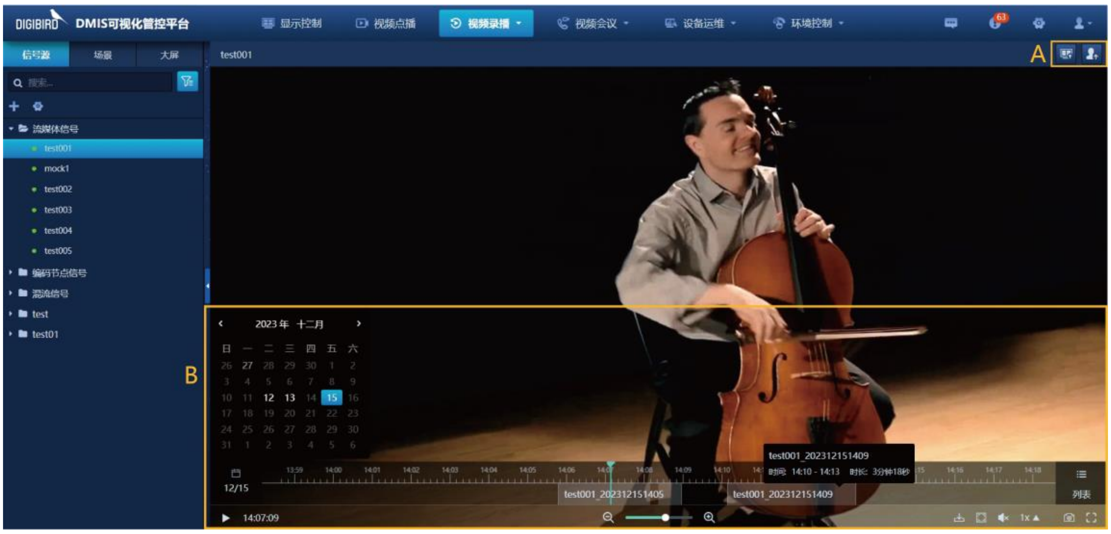

DIGIBIRD DMIS可视化管控平台
信号源
场景
大屏
test001
搜索...
流媒体信号
test001
mock1
test002
test003
录制管理
历史录制


历史录制
录制文件筛选
录制名称
搜索...
开始时间
请选择日期
结束时间
请选择日期
标签
请选择
重置
5 条 / 1 页
1
25 条/页

序号	信号源名称	录制名称	录制类型	开始时间	结束时间	时长	状态	操作
1	test001	12.12录制-test001	立即	2023/12/12 15:25:31	2023/12/12 15:26:36	00:01:04	结束	⏵
2	test001	test001_202311281041	立即	2023/11/28 10:42:07	2023/11/28 10:43:41	00:01:33	取消	⏵
3	test001	test001_202311281018	计划	2023/11/28 10:20:00	2023/11/28 10:21:13	00:01:13	取消	⏵
4	test001	123	立即	2023/11/27 14:59:06	2023/11/27 15:00:09	00:01:02	结束	⏵
5	test001	test001_202311271437	立即	2023/11/27 14:37:22	2023/11/27 14:37:46	00:00:23	取消	⏵

4.1.3. Video Playback

Clicking on a signal in the [Signal] list allows you to view the recording in the right-hand area of the interface. The software supports pushing the recording to a video wall or other users for playback. During playback, users can start/pause playback, adjust the playback aspect ratio, playback speed, and playback volume as needed, take screenshots of key images, and download the recording to their local PC.


DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频录播
视频会议
设备运维
环境控制
63
信号源
场景
大屏
搜索...
流媒体信号
test001
mock1
test002
test003
test004
test005
编码节点信号
混流信号
test
test01
A
B
2023年 十二月
日 一 二 三 四 五 六
12/15
test001_202312151409
时间: 14:10 - 14:13 时长: 3分钟18秒
test001_202312151405
test001_202312151409
列表
14:07:09
1x ▲

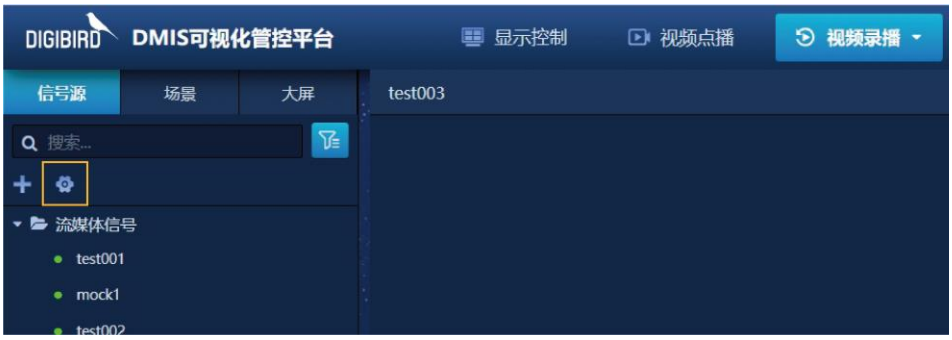
The button functions are explained below:

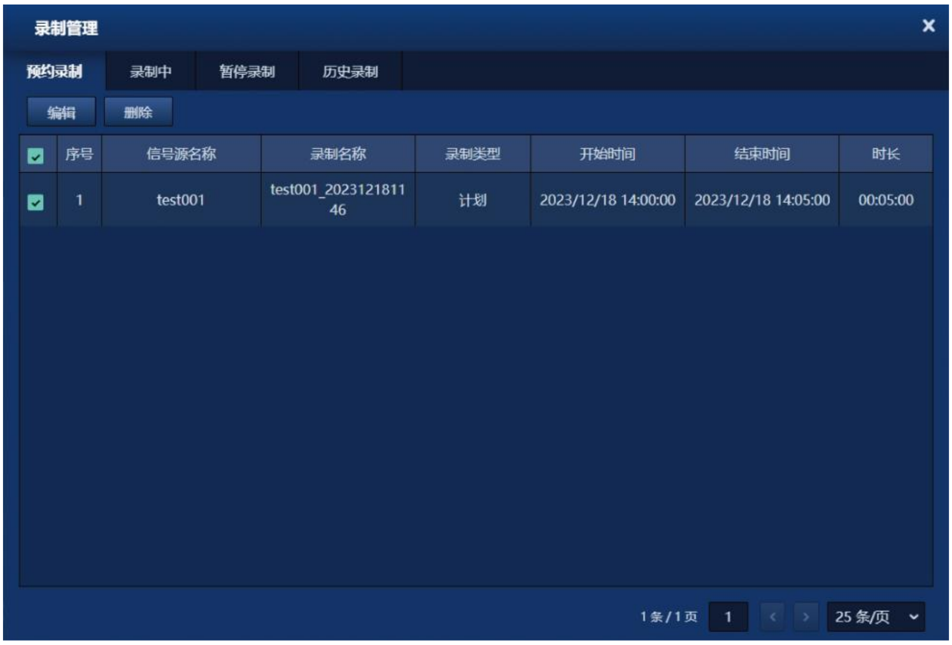
AREA	BUTTON	DESCRIPTION
A	⇪	On-Screen display: Click this button to push the video to a video wall window for playback. Select the window and click the "OK" button.
	👤↑	Push to user: Click this button to push the video to a user for playback. Select users (multiple selections are possible) and click the "OK" button.
B	📅 12/15	Select date: Click this button to select a specific day's recording.
	TIMELINE	The timeline displays all recordings for the day. Hovering the mouse over the file area displays the recording name, start and end times, duration, and tag information. Dragging the playback indicator adjusts the playback time point, and scrolling the mouse wheel or clicking...⊕ / ⊖ to zoom in or out on the timeline by pressing the button or dragging the slider.
	▶ / ⏸	Click to pause/start recording.
	⤓	Click to download the current recording to your local PC.
	⛶ / 1:1	Aspect Ratio Settings: Click to switch the aspect ratio, including full-size and original ratio.
	🔇 / 🔊	Volume adjustment: Click to turn mute on/off; when not muted, you can adjust the volume.
	1x ▲	Click to adjust the playback speed, including 1/60, 1/30, 0.25, 0.5, 1x, 2x, and 3x speed.
	📷	Screenshot: Click to take a screenshot and save it to your local PC.
	⛶	Switch to full screen: Click this button to enlarge to full screen playback.

4.1.4. Recording Management

Click on the [Signal] list to open the [Recording Management] window, which contains recording items in various states, including scheduled recording, recording in progress, paused recording, and historical recording.

The recording items in each list are independent of each other. For example, if you open the [Recording Management] window in the [Signal] list, the window will only contain the signal recording items and will not contain the scene or video wall recording items.

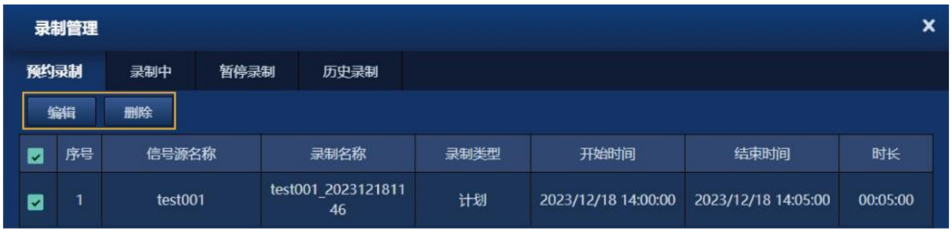

DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频录播
信号源
场景
大屏
test003
搜索...
流媒体信号
test001
mock1
test002


录制管理
预约录制
录制中
暂停录制
历史录制
编辑
删除
1 条 / 1 页
1
25 条/页

☑	序号	信号源名称	录制名称	录制类型	开始时间	结束时间	时长
☑	1	test001	test001_202312181146	计划	2023/12/18 14:00:00	2023/12/18 14:05:00	00:05:00

4.1.4.1. Appointment Project Management

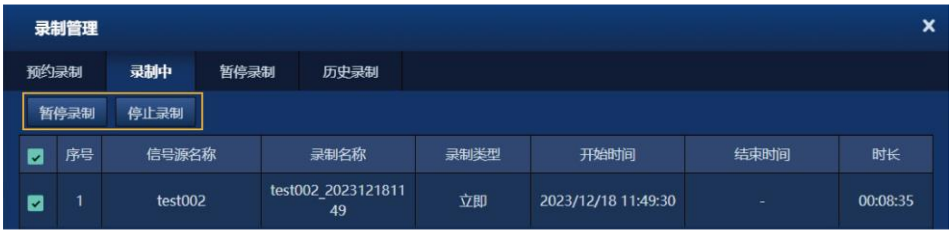
In the [Recording Management] window, switch to the [Scheduled Recording] tab. On this tab, you can view recording projects that are currently scheduled. Select a recording project, click the Edit button to change its parameters, and click the Delete button to delete it.


录制管理
预约录制
录制中
暂停录制
历史录制
编辑
删除

☑	序号	信号源名称	录制名称	录制类型	开始时间	结束时间	时长
☑	1	test001	test001_202312181146	计划	2023/12/18 14:00:00	2023/12/18 14:05:00	00:05:00

4.1.4.2. Project Management During Recording

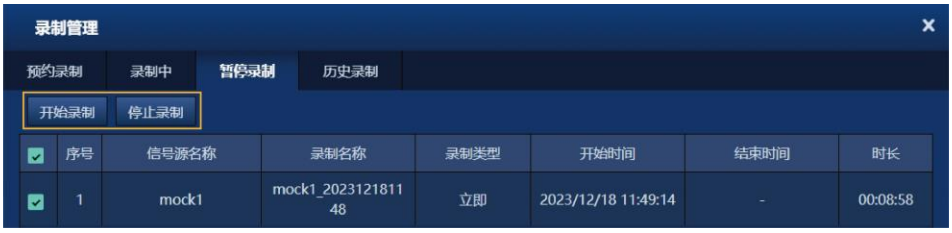
In the [Recording Management] window, switch to the [Recording in Progress] tab. On this tab, you can view projects currently being recorded and also pause or stop recording.



☑	序号	信号源名称	录制名称	录制类型	开始时间	结束时间	时长
☑	1	test002	test002_202312181149	立即	2023/12/18 11:49:30	-	00:08:35

4.1.4.3. Pause Project Management

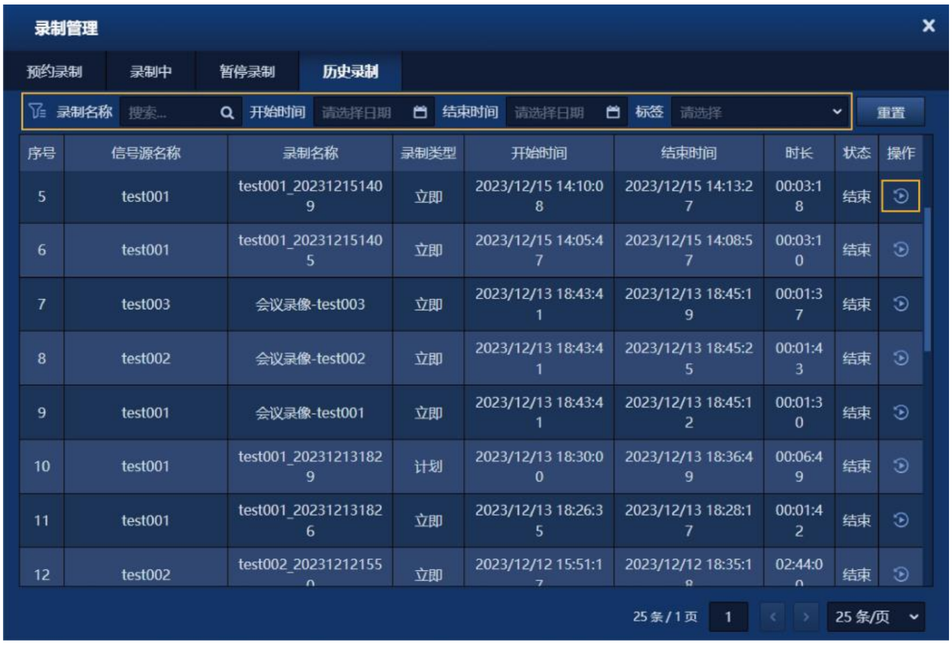
In the [Recording Management] window, switch to the [Pause Recording] tab. On this tab, you can view paused recordings and restart or stop them.



☑	序号	信号源名称	录制名称	录制类型	开始时间	结束时间	时长
☑	1	mock1	mock1_202312181148	立即	2023/12/18 11:49:14	-	00:08:58

4.1.4.4. Historical Project Management

In the [Recording Management] window, switch to the [Recording History] tab. This tab allows you to view all completed recordings and watch them. You can filter recordings by name, start time, end time, and tags. Click the "Play" button to watch the recording.



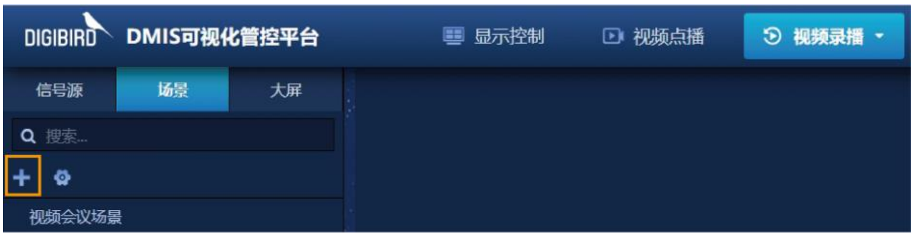
序号	信号源名称	录制名称	录制类型	开始时间	结束时间	时长	状态	操作
5	test001	test001_202312151409	立即	2023/12/15 14:10:08	2023/12/15 14:13:27	00:03:18	结束	▶
6	test001	test001_202312151405	立即	2023/12/15 14:05:47	2023/12/15 14:08:57	00:03:10	结束	▶
7	test003	会议录像-test003	立即	2023/12/13 18:43:41	2023/12/13 18:45:19	00:01:37	结束	▶
8	test002	会议录像-test002	立即	2023/12/13 18:43:41	2023/12/13 18:45:25	00:01:43	结束	▶
9	test001	会议录像-test001	立即	2023/12/13 18:43:41	2023/12/13 18:45:12	00:01:30	结束	▶
10	test001	test001_202312131829	计划	2023/12/13 18:30:00	2023/12/13 18:36:49	00:06:49	结束	▶
11	test001	test001_202312131826	立即	2023/12/13 18:26:35	2023/12/13 18:28:17	00:01:42	结束	▶
12	test002	test002_20231212155	立即	2023/12/12 15:51:1	2023/12/12 18:35:1	02:44:0	结束	▶

4.2. Scene Recording

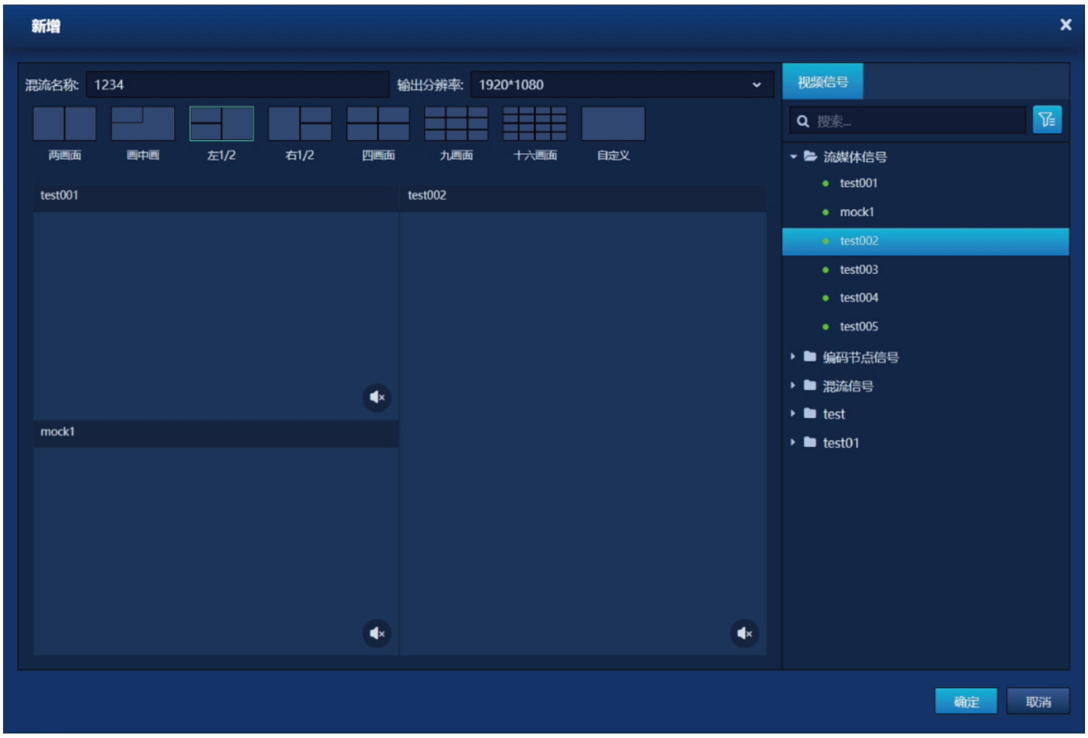
The software supports scene recording, which allows you to save multiple signals (no more than 20 channels) as a scene for recording. The layout of the signals in the scene can be customized.

4.2.1. New Scene

In the "Scene" list of the "Video Recording" interface on the front end, click the "Add" button ✚ to open the configuration window.


DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频录播
信号源
场景
大屏
搜索...
视频会议场景

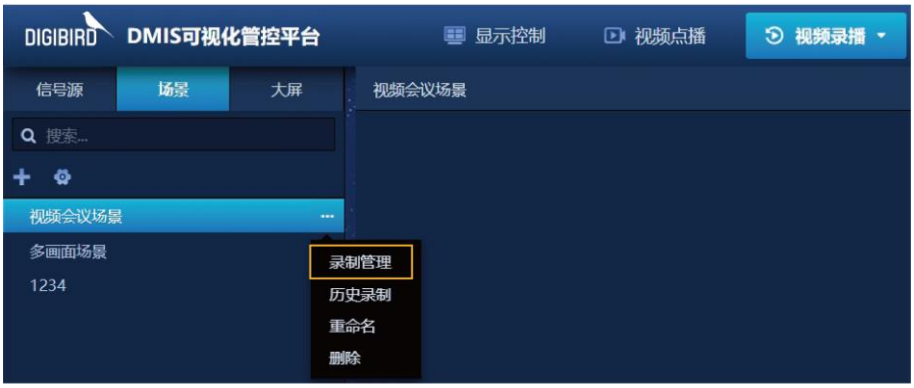
Enter the mix name in the window, set the output resolution, select the scene layout (the layout can be customized; left-click and drag to set the screen size and position, with a maximum of 20 screens), drag the signal from the [Video Signal] list into the screen, and click the "OK" button to complete the scene creation.


混流名称: 1234
输出分辨率: 1920*1080
新增
×
两画面
画中画
左1/2
右1/2
四画面
九画面
十六画面
自定义
test001
test002
mock1
视频信号
搜索...
流媒体信号
test001
mock1
test002
test003
test004
test005
编码节点信号
混流信号
test
test01
确定
取消

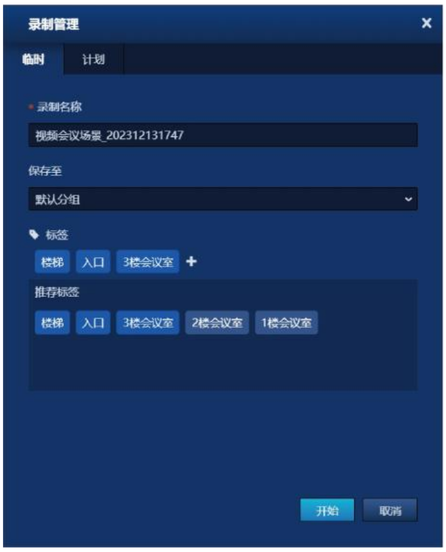
4.2.2. Scene Recording

Click ··· after the scene name, click the "Recording Management" button in the menu, configure the recording parameters in the pop-up window, and then click the "Start" button to start recording.

Scene recording supports both on-demand recording and scheduled recording, and supports recording pause and restart operations. For parameter settings and operation details, please refer to 4.1.1 Single Signal Recording.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频录播
信号源
场景
大屏
搜索...
视频会议场景
多画面场景
1234
视频会议场景
录制管理
历史录制
重命名
删除

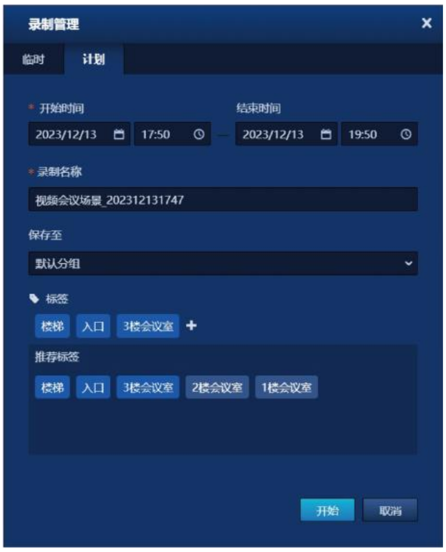
临时录制


录制管理
临时
计划
标签
楼梯
入口
3楼会议室
推荐标签
楼梯
入口
3楼会议室
2楼会议室
1楼会议室
开始
取消

* 录制名称: 视频会议场景_202312131747

保存至: 默认分组

计划录制


录制管理
临时
计划
标签
楼梯
入口
3楼会议室
推荐标签
楼梯
入口
3楼会议室
2楼会议室
1楼会议室
开始
取消

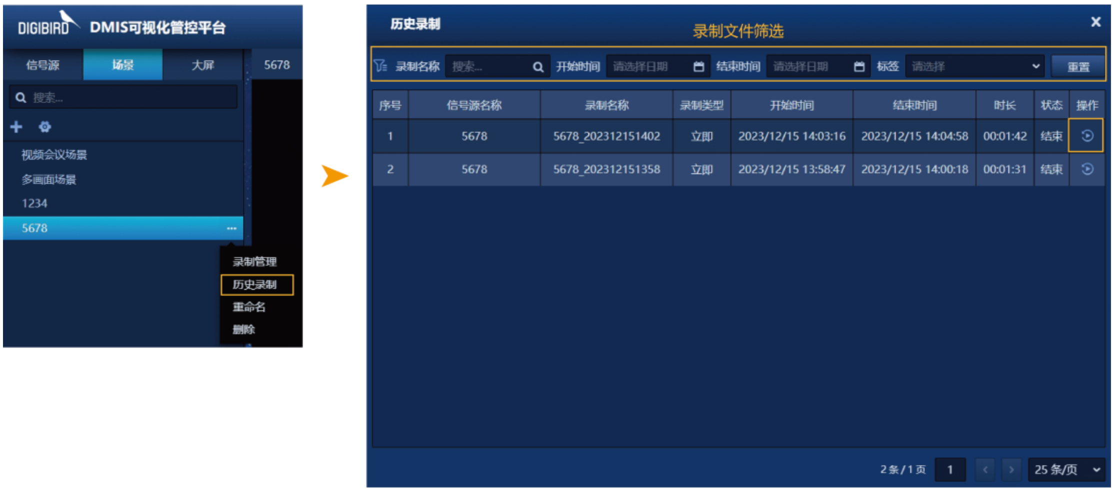
* 开始时间: 2023/12/13 17:50 — 结束时间: 2023/12/13 19:50

* 录制名称: 视频会议场景_202312131747

保存至: 默认分组

Click ··· after the scene name, and click the "Recording History" button in the pop-up menu. A window will open where you can view and watch all recorded files. Recordings can be filtered by name, start time, end time, and tags. Click the "Play" ▶ button to watch the recording.

Click the "Rename" button in the menu to change the scene name, and click the "Delete" button to delete the scene.

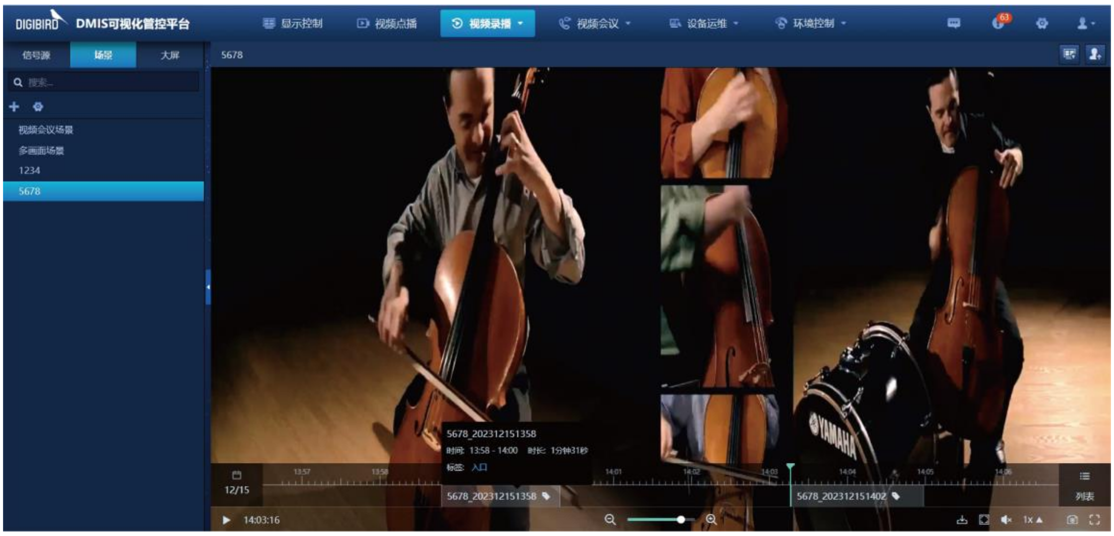

DIGIBIRD DMIS可视化管控平台
信号源
场景
大屏
5678
搜索...
视频会议场景
多画面场景
1234
5678
录制管理
历史录制
重命名
删除
历史录制
录制文件筛选
录制名称
搜索...
开始时间
请选择日期
结束时间
请选择日期
标签
请选择
重置
2条/1页
1
25 条/页

序号	信号源名称	录制名称	录制类型	开始时间	结束时间	时长	状态	操作
1	5678	5678_202312151402	立即	2023/12/15 14:03:16	2023/12/15 14:04:58	00:01:42	结束	▶
2	5678	5678_202312151358	立即	2023/12/15 13:58:47	2023/12/15 14:00:18	00:01:31	结束	▶

4.2.3. Video Playback

Clicking on a scene in the [Scene] list allows you to view the recording in the right-hand area of the interface. The software supports pushing the recording to a Video Wall or other users for playback. During playback, users can start /pause playback, adjust the aspect ratio, playback speed, and volume as needed, take screenshots of key images, and download the recording to their local PC.

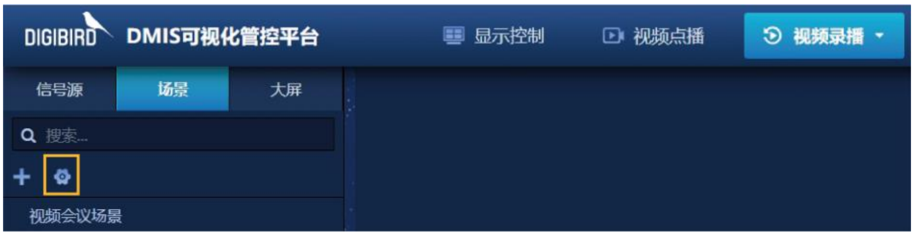
For a detailed explanation of the button functions, please refer to section 4.1.3. Video Playback.


DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频录播
视频会议
设备运维
环境控制
信号源
场景
大屏
搜索...
视频会议场景
多画面场景
1234
5678
5678
12/15
14:03:16
列表
1x

5678_202312151358
时间: 13:58 - 14:00 时长: 1分钟31秒
标签: 入口

4.2.4. Recording Management

Click ⚙ in the [Scene] list to open the [Recording Management] window, which contains recording items in various states, including scheduled recording, recording in progress, paused recording, and historical recording. For details, see 4.1.4 Recording Management.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频录播
信号源
场景
大屏
搜索...
视频会议场景

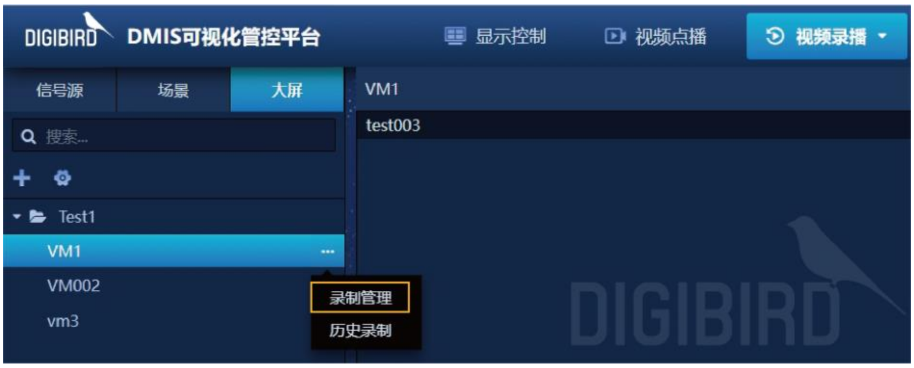
4.3. Video Wall Recording

Video wall recording involves recording the display screens of multiple video walls, with a maximum of 5 video walls that can be recorded at once.

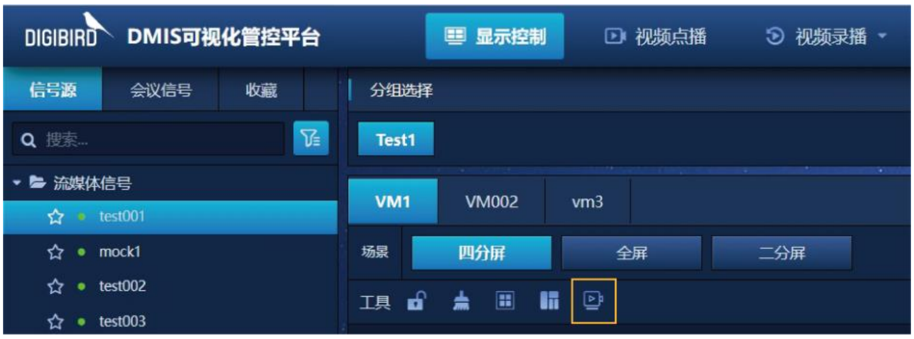
4.3.1. Single Video Wall Recording

The platform offers two recording methods.

Method 1: Enter the front-end [Video Recording] interface, and click ••• after the video wall name in the [Video Wall] list on the left side of the interface. Click the "Recording Management" button in the pop-up menu.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频录播
信号源
场景
大屏
搜索...
Test1
VM1
VM002
vm3
录制管理
历史录制
VM1
test003
DIGIBIRD

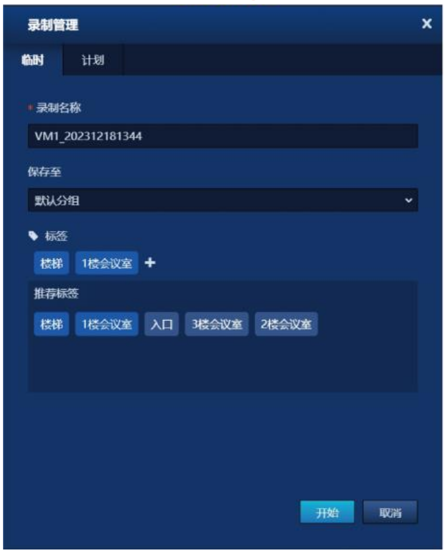
Method 2: Enter the front-end [Display Control] interface, select a video wall in the device group, and click the "Recording Management" button.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频录播
信号源
会议信号
收藏
搜索...
流媒体信号
test001
mock1
test002
test003
分组选择
Test1
VM1
VM002
vm3
场景
四分屏
全屏
二分屏
工具

Configure the recording parameters in the [Recording Management] window, and click the "Start" button to begin recording.

Video wall recording supports both temporary and scheduled recording, but does not support recording pause and restart operations. For parameter settings and operation details, please refer to 4.1.1 Single Signal Recording.

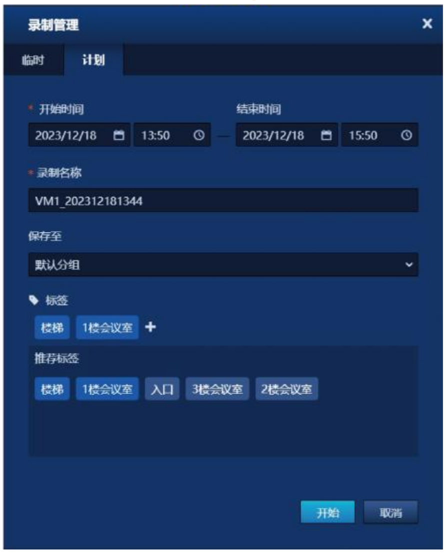
临时录制


录制管理
×
临时
计划
标签
楼梯
1楼会议室
+
推荐标签
楼梯
1楼会议室
入口
3楼会议室
2楼会议室
开始
取消

* 录制名称: VM1_202312181344

保存至: 默认分组

计划录制


录制管理
×
临时
计划
标签
楼梯
1楼会议室
+
推荐标签
楼梯
1楼会议室
入口
3楼会议室
2楼会议室
开始
取消

* 开始时间: 2023/12/18 13:50

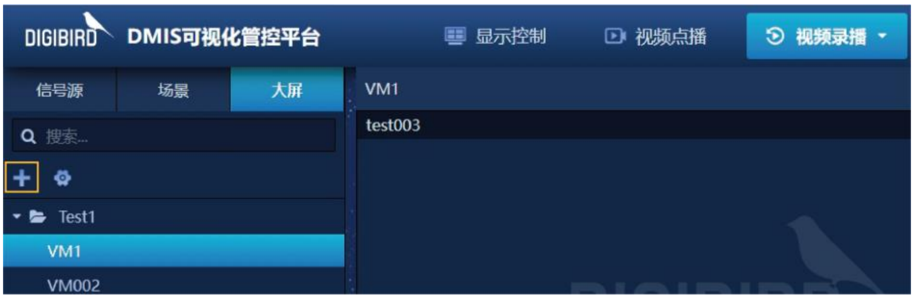
结束时间: 2023/12/18 15:50

* 录制名称: VM1_202312181344

保存至: 默认分组

4.3.2. Multiple Video Wall Recording

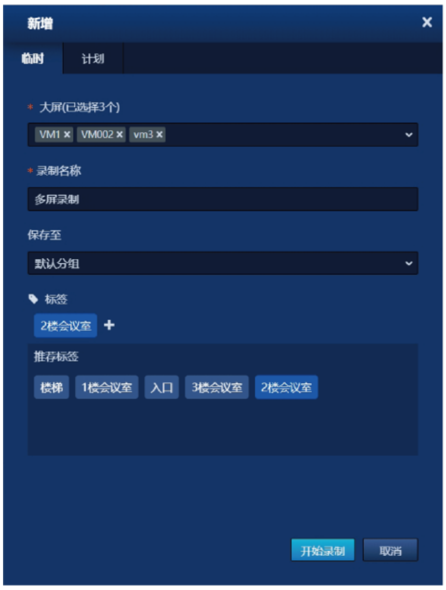
Enter the front-end [Video Recording] interface, and click the "Add" button ➕ in the [Video Wall] list on the left side of the interface.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频录播
信号源
场景
大屏
搜索...
Test1
VM1
VM002
VM1
test003

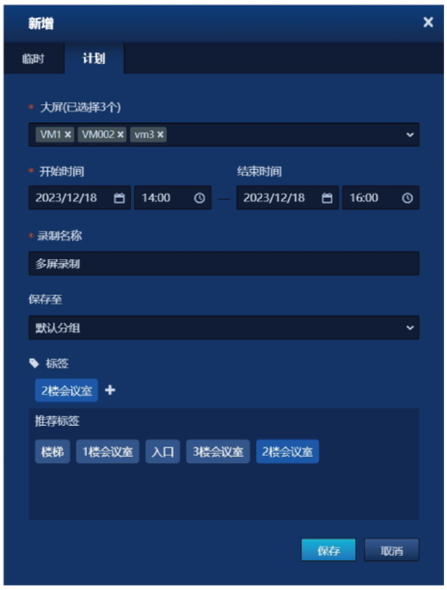
Select multiple video walls from the "Video Wall" drop-down list in the window, set other recording parameters, and click the "Start Recording" or "Save" button to start recording. The naming rule for the recording file is: Recording Name - Video Wall Name.

Multiple video wall recordings support both temporary and scheduled recording, but **do not support recording pause and restart operations.** For parameter settings and operation details, please refer to [4.1.1 Single Signal Recording](#).

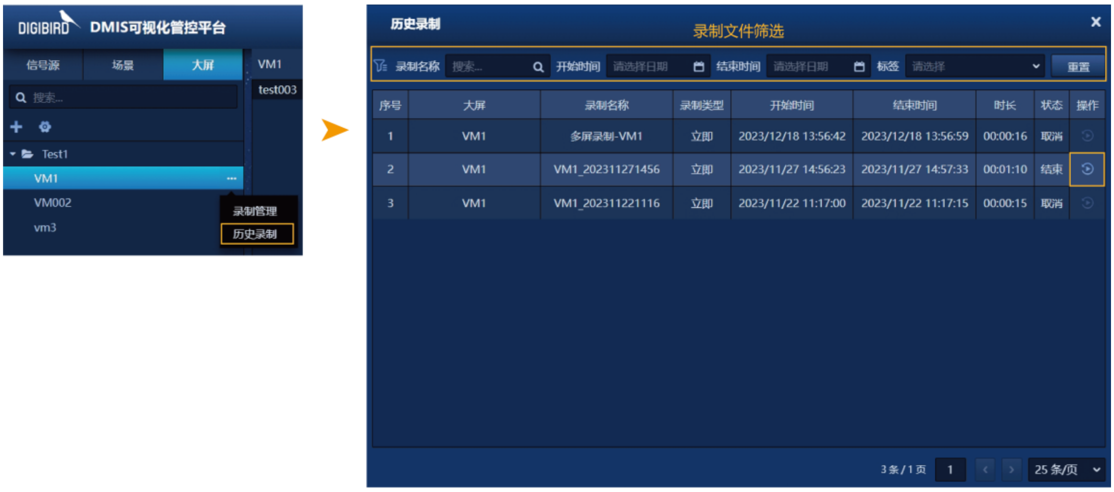
临时录制


新增
×
临时
计划
大屏(已选择3个)
VM1 ×
VM002 ×
vm3 ×
录制名称
多屏录制
保存至
默认分组
标签
2楼会议室
+
推荐标签
楼梯
1楼会议室
入口
3楼会议室
2楼会议室
开始录制
取消

计划录制


新增
×
临时
计划
大屏(已选择3个)
VM1 ×
VM002 ×
vm3 ×
开始时间
结束时间
2023/12/18
14:00
2023/12/18
16:00
录制名称
多屏录制
保存至
默认分组
标签
2楼会议室
+
推荐标签
楼梯
1楼会议室
入口
3楼会议室
2楼会议室
保存
取消

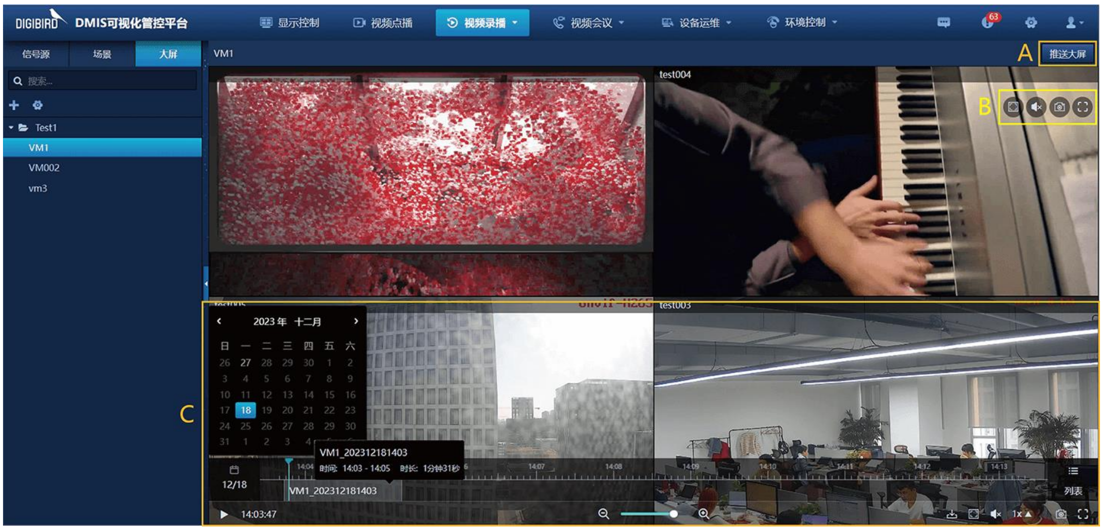
Click the button ··· after the Video Wall name, and click the "Recording History" button in the pop-up menu. A window will open where you can view and watch all recorded files. Recordings can be filtered by name, start time, end time, and tags. Click the "Play" button ⏵ to watch the recording.


DIGIBIRD
DMIS可视化管控平台
信号源
场景
大屏
VM1
test003
搜索...
Test1
VM1
VM002
vm3
录制管理
历史录制
历史录制
录制文件筛选
×
录制名称
搜索...
开始时间
请选择日期
结束时间
请选择日期
标签
请选择
重置
3 条/1 页
1
25 条/页

序号	大屏	录制名称	录制类型	开始时间	结束时间	时长	状态	操作
1	VM1	多屏录制-VM1	立即	2023/12/18 13:56:42	2023/12/18 13:56:59	00:00:16	取消	⏵
2	VM1	VM1_202311271456	立即	2023/11/27 14:56:23	2023/11/27 14:57:33	00:01:10	结束	⏵
3	VM1	VM1_202311221116	立即	2023/11/22 11:17:00	2023/11/22 11:17:15	00:00:15	取消	⏵

4.3.3. Video Playback

Clicking on a video wall in the [Video Wall] list allows you to view the recording in the right-hand area of the interface. The software supports pushing recordings to the corresponding video wall for playback. During playback, users can start /pause playback, adjust the playback aspect ratio, playback speed, and playback volume as needed, take screenshots of key images, and download the recording to their local PC. Users can also individually adjust the volume, aspect ratio, full-screen mode, and individual screenshot settings for a specific window of the recording on the video wall.

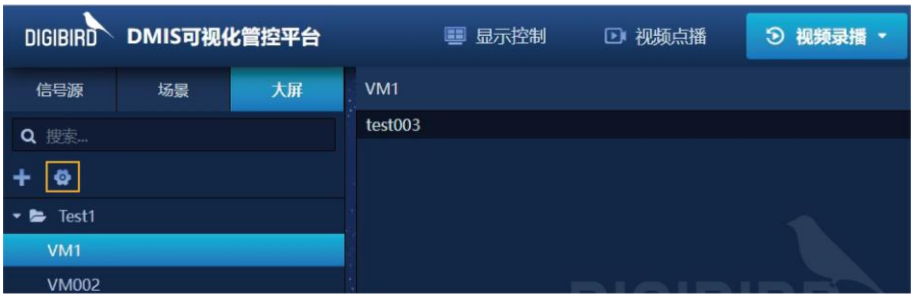

DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频录播
视频会议
设备运维
环境控制
信号源
场景
大屏
搜索...
Test1
VM1
VM002
vm3
A
推送大屏
test004
B
C
2023 年 十二月
test003
12/18
VM1_202312181403
14:03:47
列表
1x

The button functions are explained below:

AREA	BUTTON	DESCRIPTION
A	推送大屏	Push to video wall: Click this button to push the video to the corresponding Video Wall for playback.
	停止推送	Stop push: Click this button to stop push.
B	⛶ / 1:1	Aspect ratio settings: Click to switch the aspect ratio of the current window, including full-size and original ratio.
	🔇 / 🔊	Volume adjustment: Click to mute/unmute the current window. When not muted, you can adjust the volume.
	📷	Screenshot: Click to take a screenshot of the current window and save it to your local PC.
	⛶	Switch to full screen: Clicking this button will enlarge the current window to full screen for playback.
C	📅 12/15	Select date: Click this button to select a specific day's recording.
	Timeline	The timeline displays all recordings for the day. Hovering the mouse over the file area displays the recording name, start and end times, duration, and tag information. Dragging the playback indicator adjusts the playback time point, and scrolling the mouse wheel or clicking ⊕ / ⊖, you can zoom in or out on the timeline by pressing the button or dragging the slider.
	▶ / ⏸	Click to pause/start recording.
	⤓	Click to download the current recording to your local PC.
	⛶ / 1:1	Aspect ratio settings: Click to switch the aspect ratio, including full-size and original ratio.
	🔇 / 🔊	Volume adjustment: Click to turn mute on/off; when not muted, you can adjust the volume.
	1X ▲	Click to adjust the playback speed, including 1/60, 1/30, 0.25, 0.5, 1x, 2x, and 3x speed.
	📷	Screenshot: Click to take a screenshot and save it to your local PC.
	⛶	Switch to full screen: Click this button to enlarge to full screen playback.

4.3.4. Recording Management

Click ⚙ on the [Video Wall] list to open the [Recording Management] window, which contains recording items in various states, including scheduled recording, recording in progress, and historical recording. **It does not support managing paused recording items.** For details, please refer to 4.1.4 Recording Management.

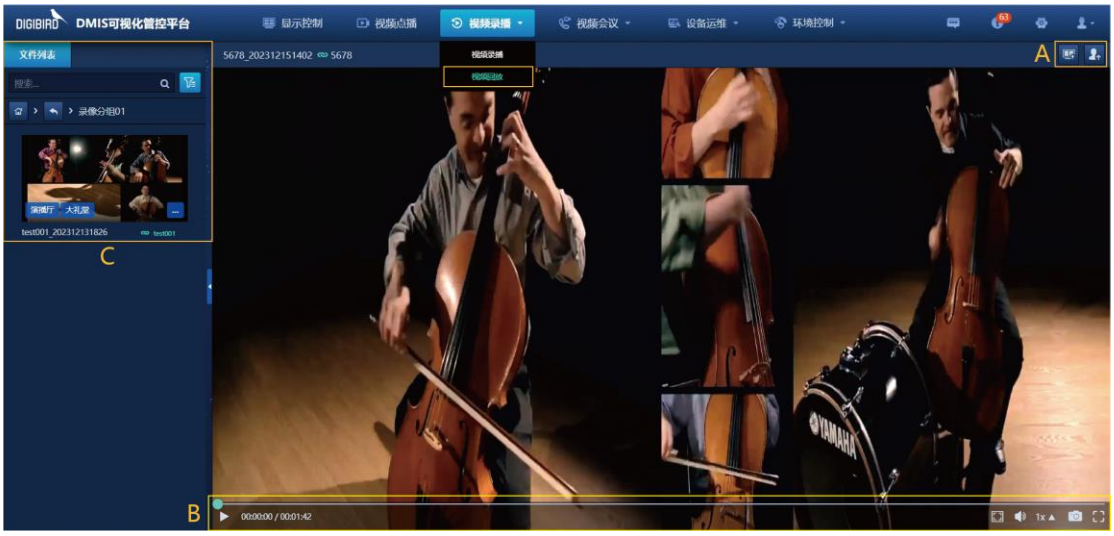


4.4. Video Playback

Enter the "Video Playback" sub-interface of the "Video Recording" section on the front end. You can play back all recordings, add subtitles to the recordings, and download and rename the recording files.

4.4.1. Video Playback

Click on the recording in the [File List] to view it on the right side of the interface. During playback, users can start /pause playback, adjust the aspect ratio, playback speed, and volume as needed, and take screenshots of key images.



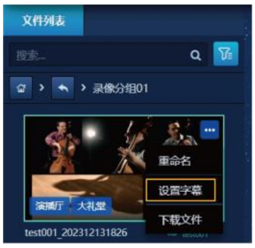
The button functions are explained below:

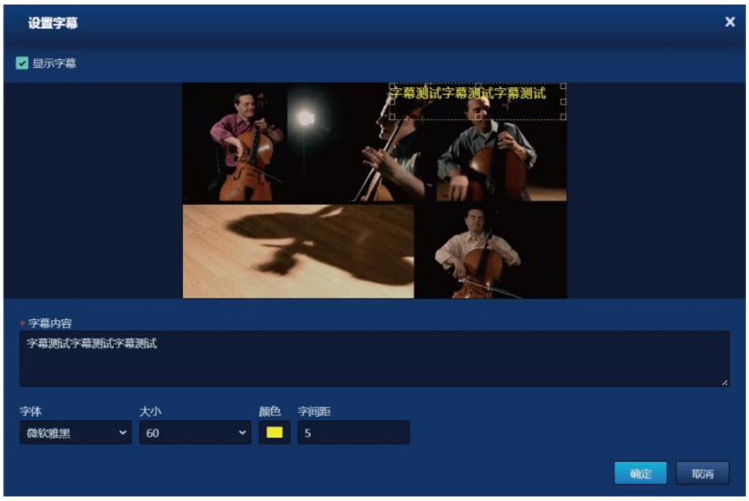
AREA	BUTTON	DESCRIPTION
A	🖵	Display on Video Wall: Click this button to push the video to a Video Wall window for playback. Select the window and click the "OK" button.
	👤	Push to user: Click this button to push the video to a user for playback. Select users (multiple selections are possible) and click the "OK" button.
B	▶ / ⏸	Click to pause/start recording.
	⛶ / 1:1	Aspect ratio settings: Click to switch between the full-size and original aspect ratios.
	🔇 / 🔊	Volume adjustment: Click to turn mute on/off; when not muted, you can adjust the volume.
	1x ▲	Click to adjust the playback speed, including 1/60, 1/30, 0.25, 0.5, 1x, 2x, and 3x speed.
	📷	Screenshot: Click to take a screenshot and save it to your local PC.
	⛶	Switch to full screen: Click this button to enlarge to full screen playback.
C	🔍	Search: You can enter keywords to search for related recording files.
	⧩	Filter search: Click this button to filter files by recording time and video tags.
	⌂	Return to homepage: Click this button to return to the [File List] homepage, where all recorded file groups will be displayed.
	↶	Return to previous page: Click this button to return to the previous page list.

4.4.2. Subtitle Settings

The platform supports adding subtitles to video files, making it easy to provide a brief description of the video.

In the file list, hover the mouse over the recording file and click •••, click the "Set Subtitle" button in the menu to bring up the "Set Subtitle" window. In this window, you can set the subtitle position, content, font, font size, font color, and character spacing. Once you're finished setting, click the "OK" button.





☑ 显示字幕

字幕测试字幕测试字幕测试

* 字幕内容: 字幕测试字幕测试字幕测试

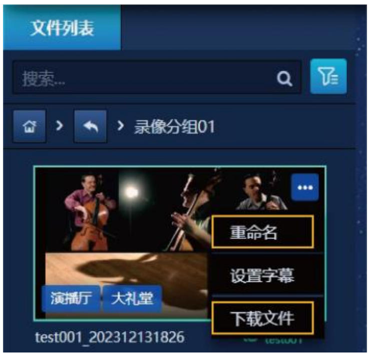
字体: 微软雅黑
大小: 60
颜色: 🟨
字间距: 5

Subtitle settings parameter instructions:

PARAMETERS	DESCRIPTION
SHOW SUBTITLES	Check this box to display subtitles on the video; otherwise, they will not be displayed.
SUBTITLE POSITION	The rectangle in the image represents the position and size of the subtitles. Dragging the rectangle with the mouse will change the position of the subtitles, and dragging the edge nodes of the rectangle will change the size.
SUBTITLES	Enter the subtitle content.
FONT	Select a font from the drop-down menu; the software offers a variety of commonly used fonts for users to choose from.
SIZE	Select the font size from the drop-down menu; the font size range is 12 to 60.
COLOR	Click to open the color palette, where users can set the font color as needed.
CHARACTER SPACING	Customizable text spacing.

4.4.4. Other

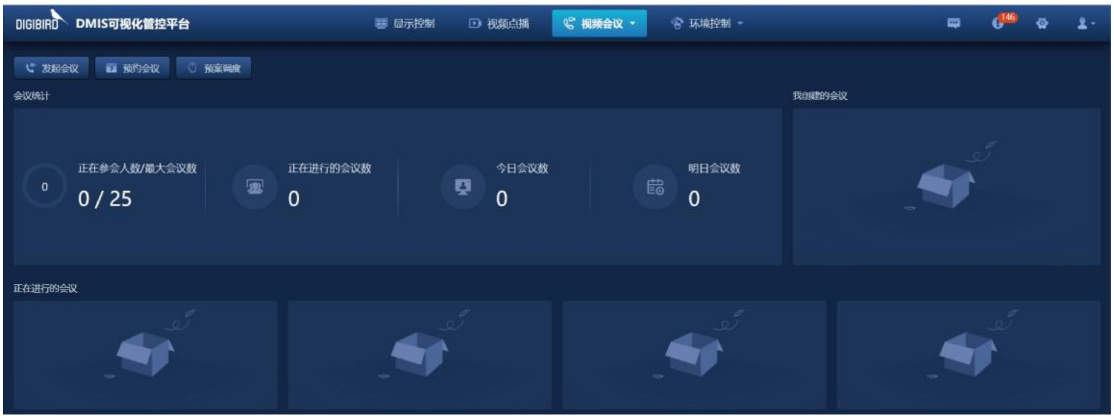
In the file list, hover the mouse over the recording file and click •••, the button allows you to download files to your local PC by clicking the "Download File" button in the menu: the "Rename" button allows you to change the file name.


文件列表
搜索...
录像分组01
重命名
设置字幕
演播厅
大礼堂
下载文件
test001_202312131826

5. Video Conference

Users can conduct video conferences with video conferencing terminals through the software, which supports functions such as meeting management, initiating meetings, scheduling meetings, contingency planning, and using meeting templates.

Once you enter the front-end [Video Conferencing] interface, you can conduct video conferences.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
146
发起会议
预约会议
预案调度
会议统计
我创建的会议
正在进行的会议

正在参会人数/最大会议数 0 / 25

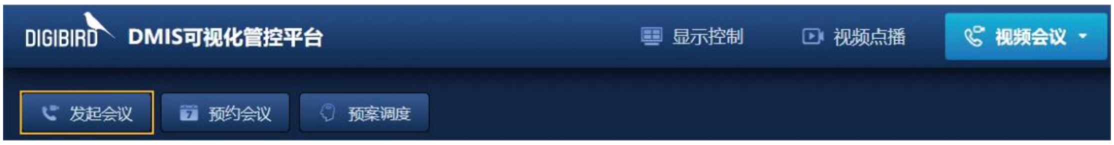
正在进行的会议数 0

今日会议数 0

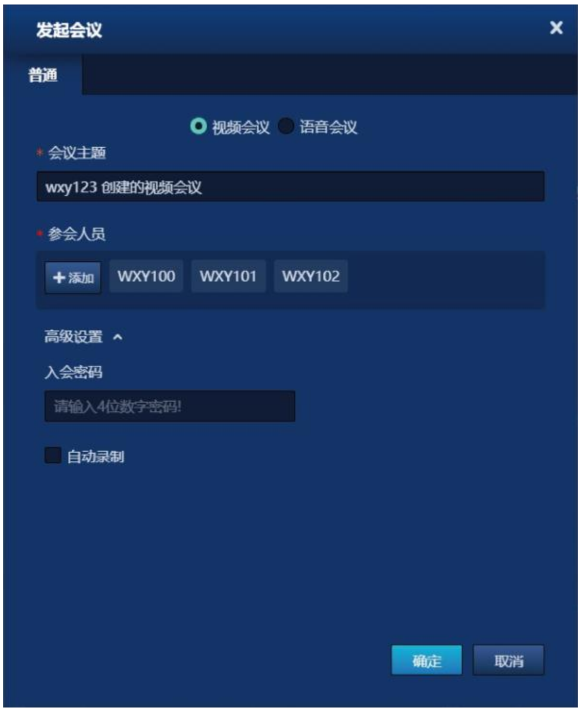
明日会议数 0

5.1. Initiate Conference

Enter the front-end [Video Conference] homepage and click the "Start a Conference" button.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
发起会议
预约会议
预案调度

In the pop-up window, you can choose to initiate a "Video Conference" or "Audio Conference". Then set the conference topic, select the participants, and choose to set a meeting password and enable automatic recording. Click the "OK" button to send a conference invitation to the members.


发起会议
×
普通
高级设置 ^
确定
取消

● 视频会议 ○ 语音会议

* 会议主题

wxy123 创建的视频会议

* 参会人员

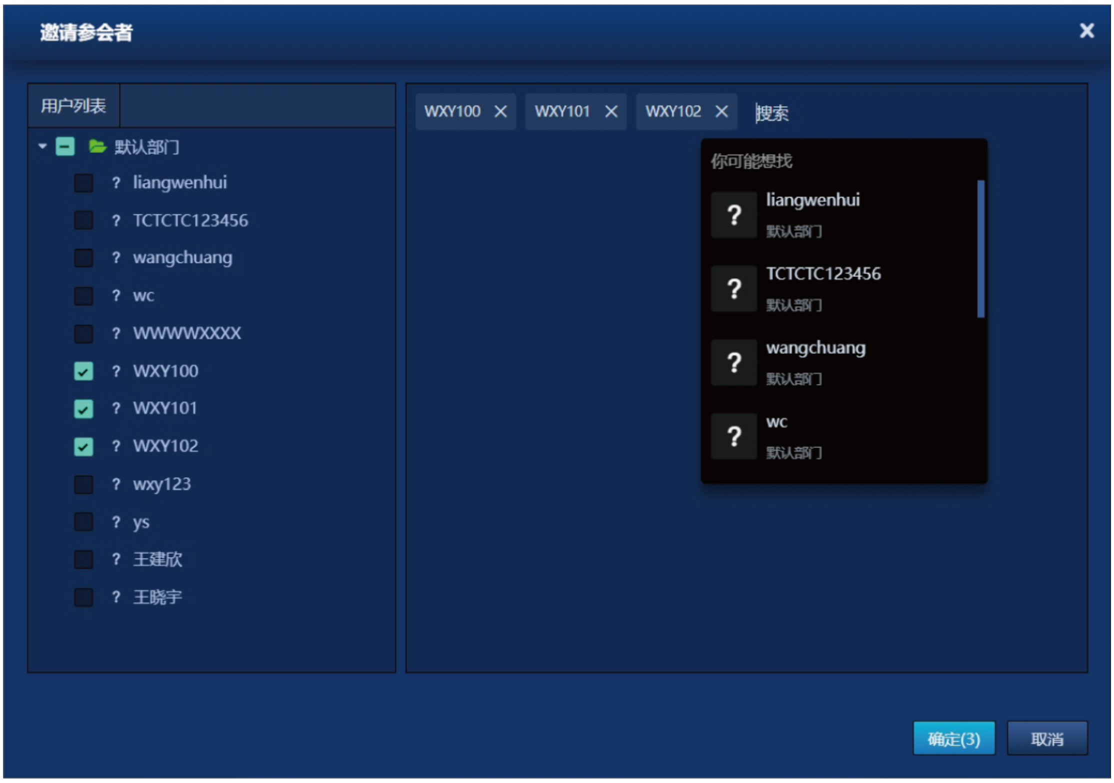
+添加 WXY100 WXY101 WXY102

入会密码

请输入4位数字密码!

☐ 自动录制

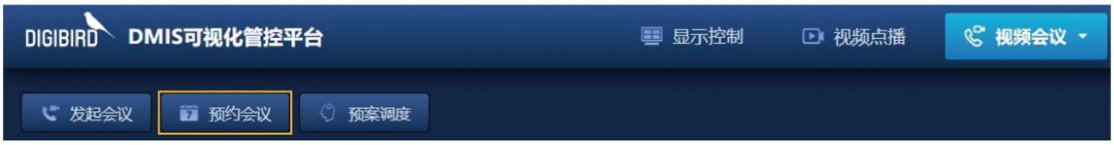
Clicking the "Add" button allows you to select participants in a pop-up window, while clicking the "Search" button allows you to find users.


邀请参会者
×
用户列表
默认部门
☐ ? liangwenhui
☐ ? TCTCTC123456
☐ ? wangchuang
☐ ? wc
☐ ? WWWWXXXX
☑ ? WXY100
☑ ? WXY101
☑ ? WXY102
☐ ? wxy123
☐ ? ys
☐ ? 王建欣
☐ ? 王晓宇
WXY100 ×
WXY101 ×
WXY102 ×
搜索
你可能想找
liangwenhui
默认部门
TCTCTC123456
默认部门
wangchuang
默认部门
wc
默认部门
确定(3)
取消

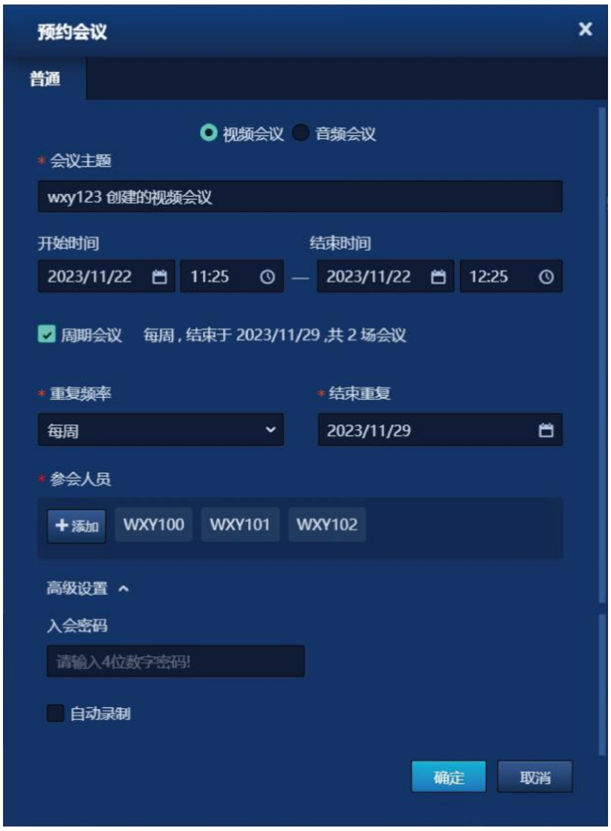
5.2. Schedule Conference

The platform supports meeting booking. The specific steps are as follows:

Enter the front-end [Video Conference] homepage and click the "Schedule Conference" button.



In the pop-up window, you can choose to initiate a "Video Conference" or "Audio Conference". Then, set the conference topic, the start and end times of the conference, whether to schedule recurring conferences (If scheduled, you can set the repetition frequency and end date of the repetition), select the participants, and choose to set a meeting password and enable automatic recording. Click the "OK" button to send a conference invitation to the participants.



预约会议

普通

● 视频会议 ○ 音频会议

* 会议主题: wxy123 创建的视频会议

开始时间: 2023/11/22 11:25 — 结束时间: 2023/11/22 12:25

☑ 周期会议 每周，结束于 2023/11/29，共 2 场会议

* 重复频率: 每周

* 结束重复: 2023/11/29

* 参会人员: WXY100 WXY101 WXY102

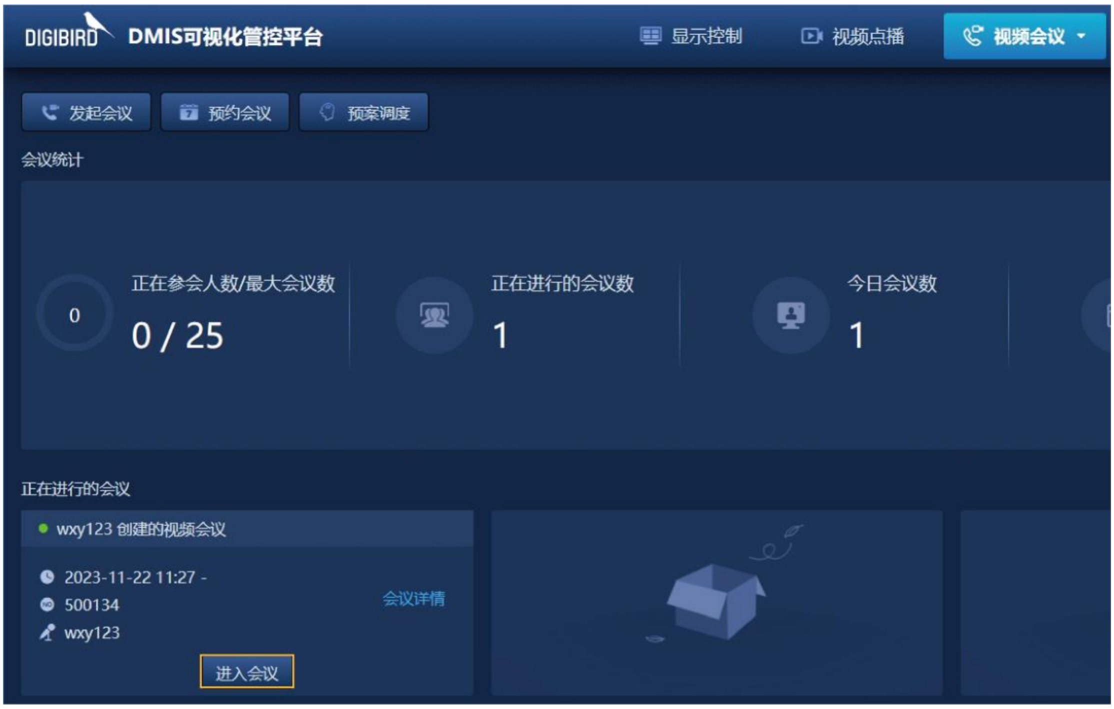
高级设置

入会密码: 请输入4位数字密码!

☐ 自动录制

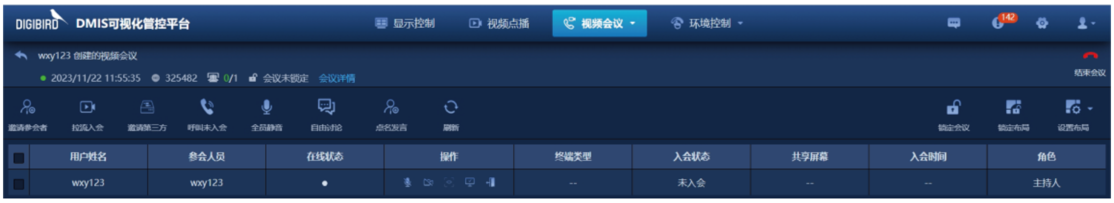
5.3. Conference Control

On the front-end [Video Conference] interface, you can view all ongoing meetings. Click the "Enter Conference" button to enter the meeting control interface, where you can manage the meeting.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
发起会议
预约会议
预案调度
会议统计
0
正在参会人数/最大会议数
0 / 25
正在进行的会议数
1
今日会议数
1
正在进行的会议
会议详情
进入会议

wxy123 创建的视频会议

2023-11-22 11:27 -
500134
wxy123


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
142
结束会议
邀请参会者
拉流入会
邀请第三方
呼叫未入会
全员静音
自由讨论
点名发言
刷新
锁定会议
锁定布局
设置布局

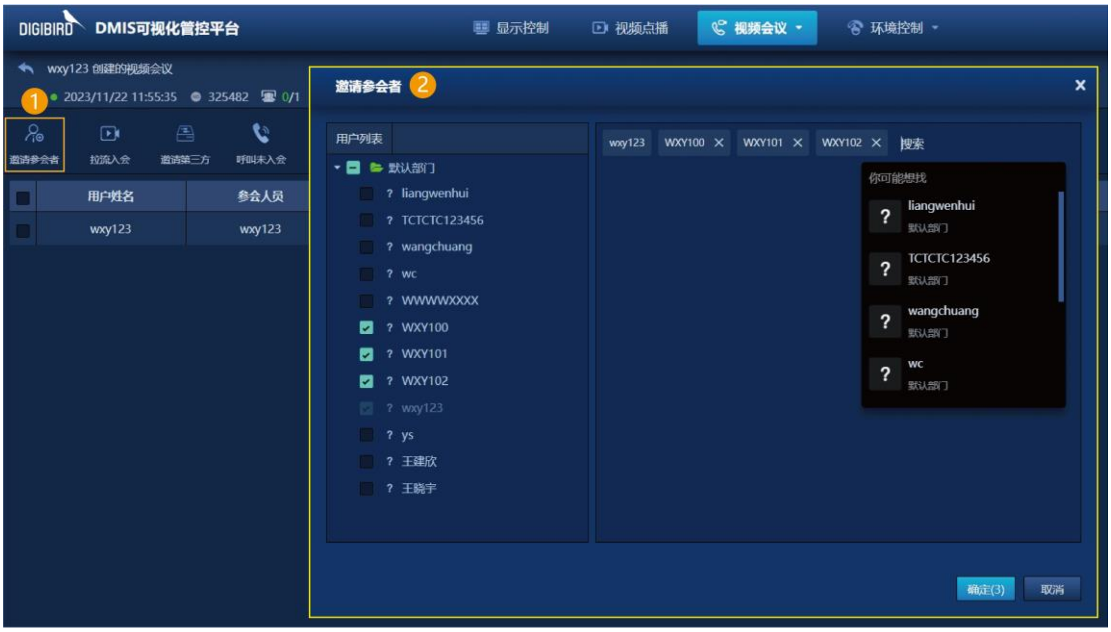
wxy123 创建的视频会议

2023/11/22 11:55:35 325482 0/1 会议未锁定 会议详情

☐	用户姓名	参会人员	在线状态	操作	终端类型	入会状态	共享屏幕	入会时间	角色
☐	wxy123	wxy123	●		--	未入会	--	--	主持人

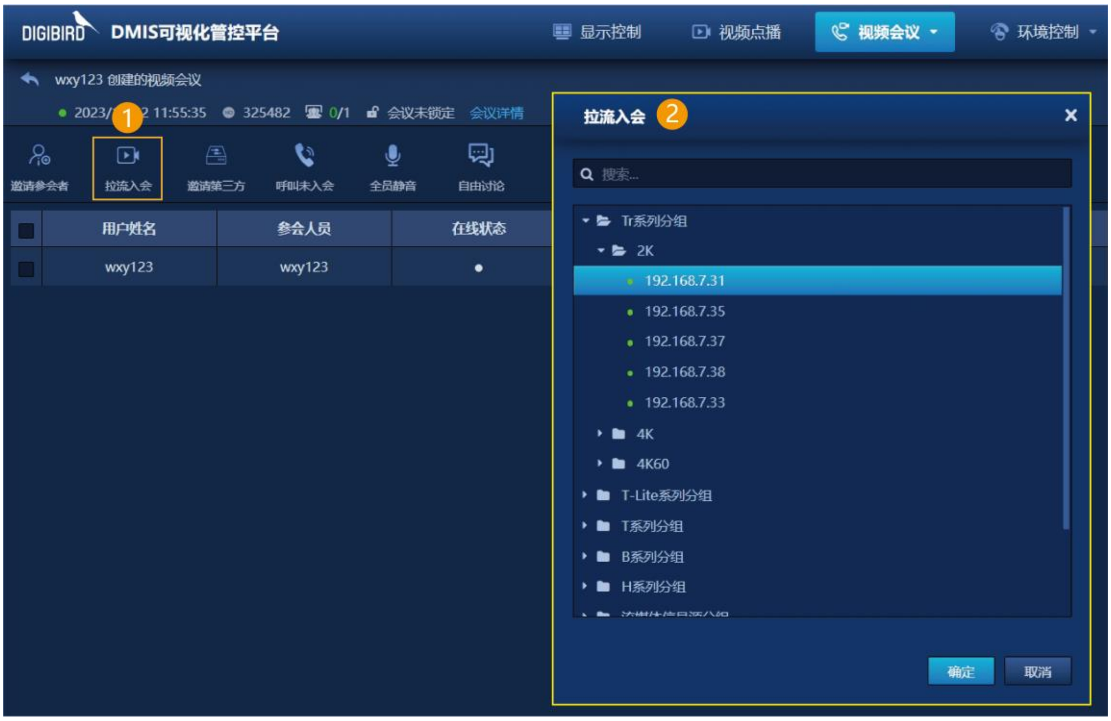
5.3.1. Invite Participant

Click the "Invite Participants" button to invite new members to the meeting in the opened window.


DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
wxy123 创建的视频会议
2023/11/22 11:55:35
325482
0/1
1
邀请参会者
拉流入会
邀请第三方
呼叫未入会
用户姓名
参会人员
wxy123
wxy123
邀请参会者
2
用户列表
默认部门
liangwenhui
TCTCTC123456
wangchuang
wc
WWWWXXXX
WXY100
WXY101
WXY102
wxy123
ys
王建欣
王晓宇
wxy123
WXY100
WXY101
WXY102
搜索
你可能想找
liangwenhui
默认部门
TCTCTC123456
默认部门
wangchuang
默认部门
wc
默认部门
确定(3)
取消

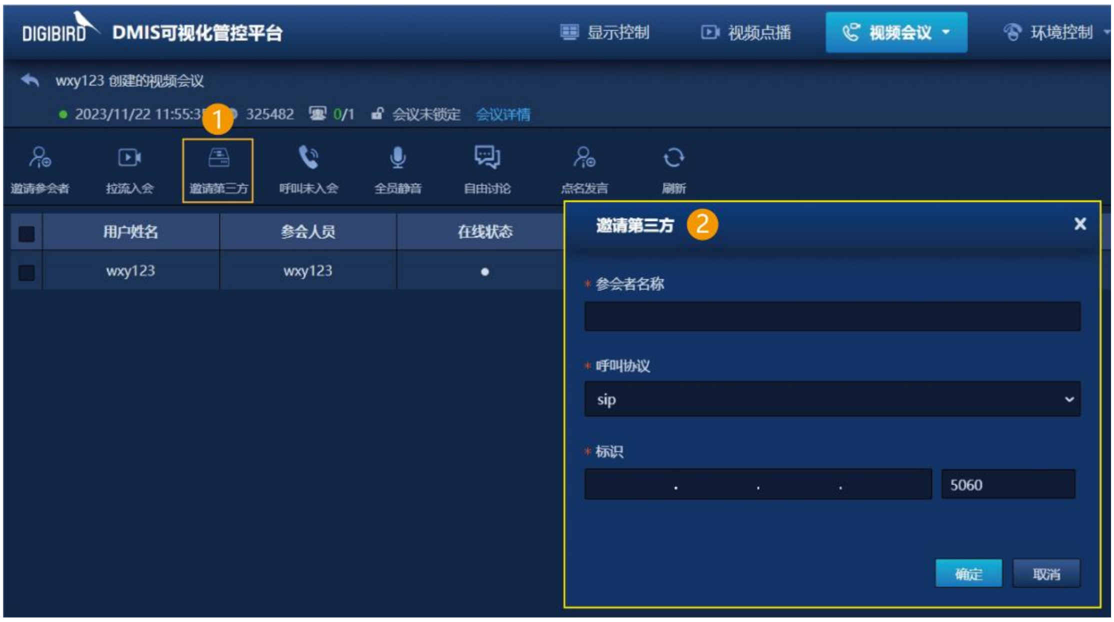
5.3.2. Pull Stream into Meeting

Click the "Pull Stream into Meeting" button, select the signal in the opened window, and click the "OK" button to display the signal screen during the meeting.


DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
wxy123 创建的视频会议
2023/11/22 11:55:35
325482
0/1
会议未锁定
会议详情
1
邀请参会者
拉流入会
邀请第三方
呼叫未入会
全员静音
自由讨论
用户姓名
参会人员
在线状态
wxy123
wxy123
拉流入会
2
搜索...
Tr系列分组
2K
192.168.7.31
192.168.7.35
192.168.7.37
192.168.7.38
192.168.7.33
4K
4K60
T-Lite系列分组
T系列分组
B系列分组
H系列分组
确定
取消

5.3.3. Invite Third Party

Click the "Invite Third Party" button, enter the participant's name, calling protocol, and identifier in the opened window, and click the "OK" button to invite the third party to join the meeting.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
wxy123 创建的视频会议
2023/11/22 11:55:3
325482
0/1
会议未锁定
会议详情
1
邀请参会者
拉流入会
邀请第三方
呼叫未入会
全员静音
自由讨论
点名发言
刷新
邀请第三方
2
确定
取消

☐	用户姓名	参会人员	在线状态
☐	wxy123	wxy123	●

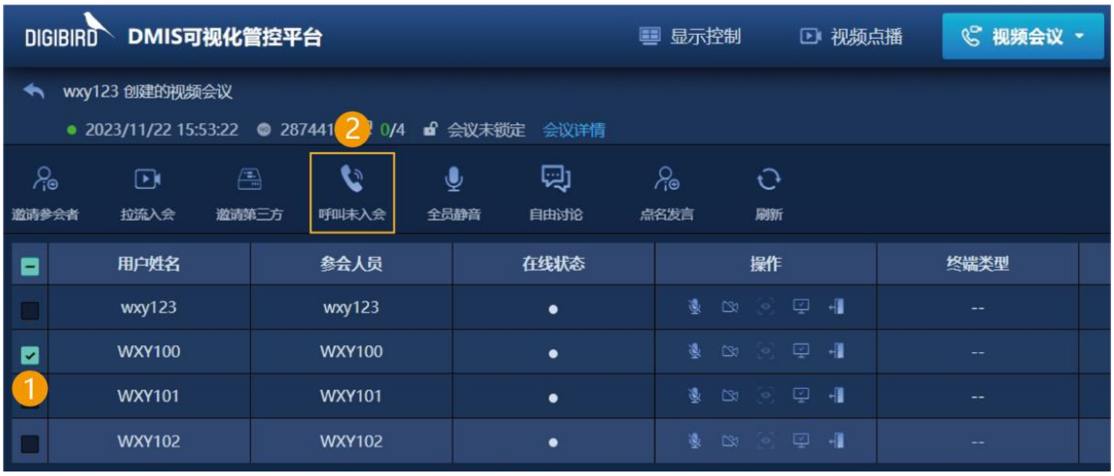
* 参会者名称

* 呼叫协议: sip

* 标识: . . . 5060

5.3.4. Call Unjoined Participant

Select the members who have not yet joined the meeting, and click the "Call Unjoined" button to initiate a meeting call.

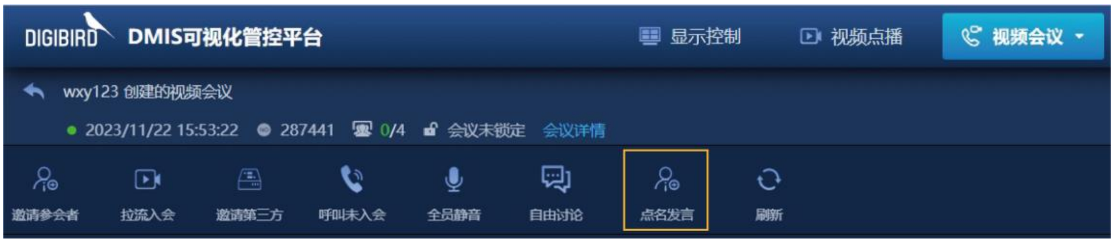

DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
wxy123 创建的视频会议
2023/11/22 15:53:22
287441
2
0/4
会议未锁定
会议详情
邀请参会者
拉流入会
邀请第三方
呼叫未入会
全员静音
自由讨论
点名发言
刷新
1

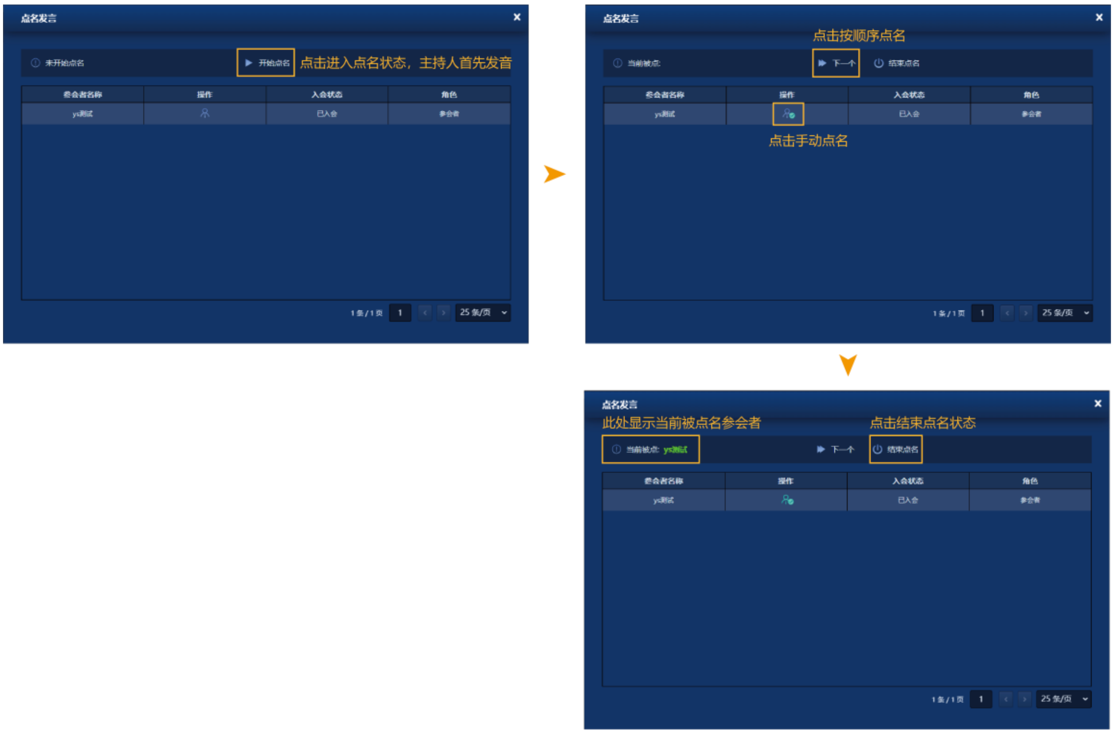
☐	用户姓名	参会人员	在线状态	操作	终端类型
☐	wxy123	wxy123	●		--
☑	WXY100	WXY100	●		--
	WXY101	WXY101	●		--
☐	WXY102	WXY102	●		--

5.3.5. Roll-Call Speaking

Click the "Roll-Call Speaking" button, and the host can call on a specific participant to speak in the pop-up window.

Once roll call begins, everyone is muted. The meeting interface displays only the host's video feed, and only the host can speak. Subsequent participants called upon by the host can speak, but their video feeds will not be displayed. Roll call can be performed sequentially by participants or by directly calling on specific individuals.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
wxy123 创建的视频会议
2023/11/22 15:53:22
287441
0/4
会议未锁定
会议详情
邀请参会者
拉流入会
邀请第三方
呼叫未入会
全员静音
自由讨论
点名发言
刷新


点名发言
未开始点名
开始点名
当前被点:
下一个
结束点名
当前被点: ys测试
1 条 / 1 页
1
25 条/页

参会者名称	操作	入会状态	角色
ys测试		已入会	参会者

点击进入点名状态，主持人首先发言

点击按顺序点名

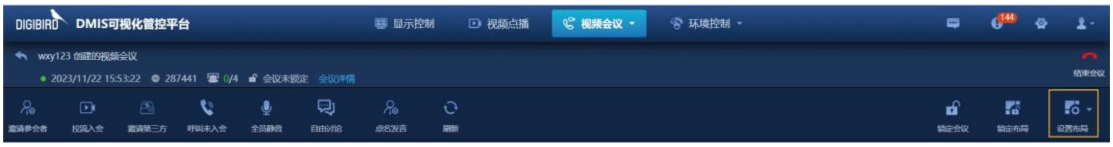
点击手动点名

此处显示当前被点名参会者

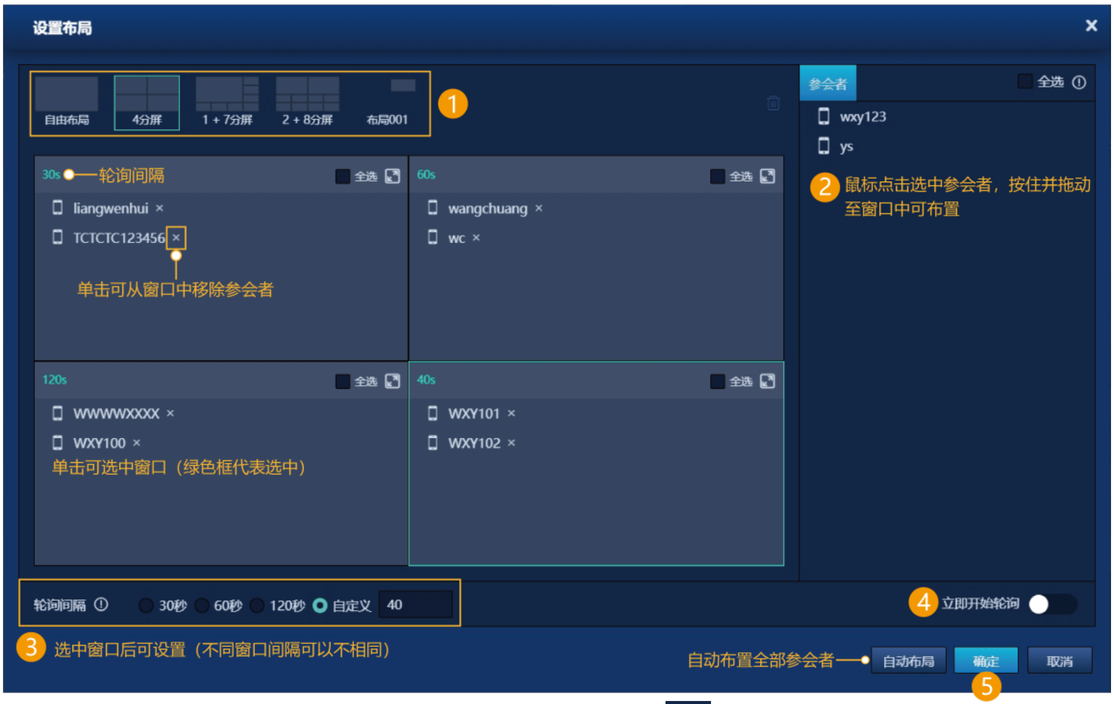
点击结束点名状态

5.3.6. Setting Meeting Layout

Click the "Set Layout" button to set the meeting window layout and personnel polling in the pop-up window.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
144
wxy123 创建的视频会议
2023/11/22 15:53:22
287441
0/4
会议未锁定
会议详情
结束会议
邀请参会者
拉流入会
邀请第三方
呼叫未入会
全员静音
自由讨论
点名发言
刷新
锁定会议
锁定布局
设置布局

1. Choose a layout: The platform offers 4 built-in layouts. When you choose "Free Layout", you can arrange the layout according to the number of attendees. If the built-in layouts do not meet your needs, you can add custom layouts in the backend management interface.
2. Participant arrangement: Select a participant from the [Participant] list and drag it to the window (or click the "Auto Layout" button to automatically arrange all participants). The participant's video will then only appear in the corresponding window.
3. Set polling: When there are two or more participants in a single window, polling will be set up so that the participants in the window are displayed in sequence according to the polling interval; otherwise, only the first participant in the window queue will be displayed.
4. Start polling: Click the "Start Polling Now" button to begin polling;
5. Click the "OK" to apply the layout, and the meeting interface layout will switch immediately.


设置布局
×
自由布局
4分屏
1 + 7分屏
2 + 8分屏
布局001
①
参会者
全选
wxy123
ys
30s
轮询间隔
全选
liangwenhui ×
TCTCTC123456 ×
60s
wangchuang ×
wc ×
120s
WWWWXXXX ×
WXY100 ×
40s
WXY101 ×
WXY102 ×
轮询间隔
30秒
60秒
120秒
自定义
40
④
立即开始轮询
自动布局
确定
取消
⑤

② 鼠标点击选中参会者，按住并拖动至窗口中可布置

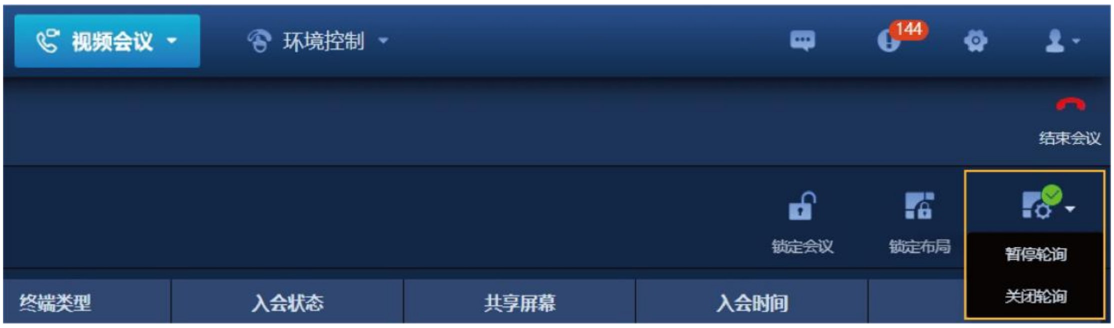
单击可从窗口中移除参会者

单击可选中窗口（绿色框代表选中）

③ 选中窗口后可设置（不同窗口间隔可以不相同）

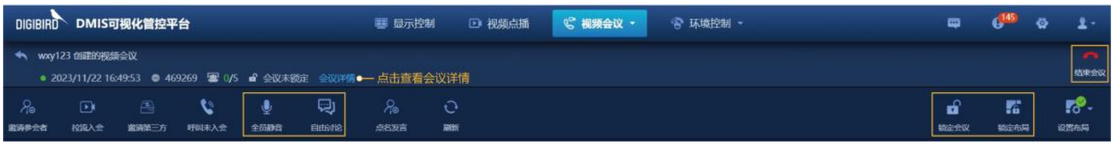
自动布置全部参会者

To pause or turn off polling, click the "Set Layout" button to configure the settings.


视频会议
环境控制
144
结束会议
锁定会议
锁定布局
暂停轮询
关闭轮询
终端类型
入会状态
共享屏幕
入会时间

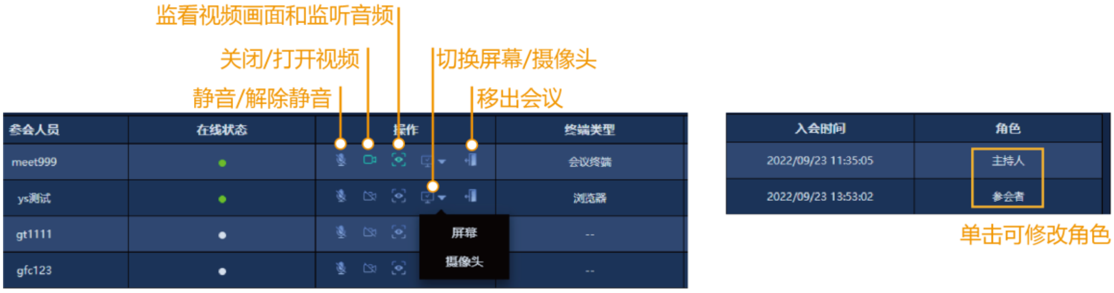
5.3.7. Other Control Functions

Other meeting control functions are described below:


DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
145
wxy123 创建的视频会议
2023/11/22 16:49:53
469269
0/5
会议未锁定
会议详情
点击查看会议详情
结束会议
邀请参会者
拉流入会
邀请第三方
呼叫未入会
全员静音
自由讨论
点名发言
刷新
锁定会议
锁定布局
设置布局

FUNCTION	DESCRIPTION
MUTE EVERYONE	The host can set this button to mute/unmute all participants.
FREE DISCUSSION	Click this button to unmute everyone, allowing all participants to speak.
LOCKED MEETING	Click this button to lock the meeting; click again to unlock.
LOCKED LAYOUT	Click this button to lock the meeting interface layout. The meeting interface layout cannot be modified. Click again to unlock.
END OF MEETING	Click this button to end the meeting.

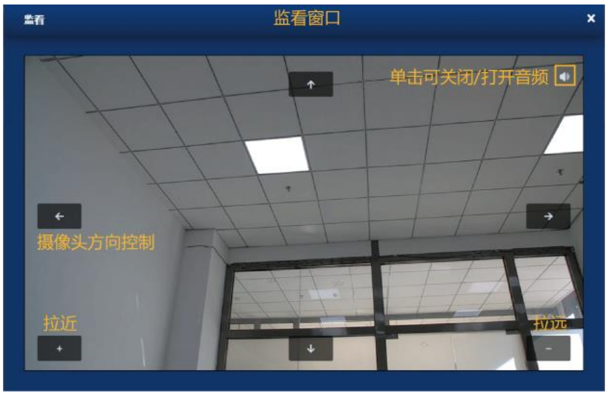
The meeting operation instructions for participants are as follows:


监看视频画面和监听音频
关闭/打开视频
切换屏幕/摄像头
静音/解除静音
移出会议
屏幕
摄像头
单击可修改角色

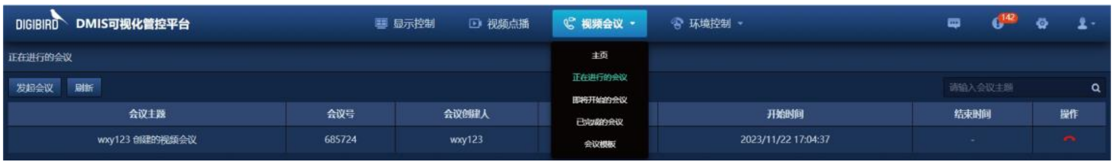
参会人员	在线状态	操作	终端类型
meet999	●		会议终端
ys测试	●		浏览器
gt1111	●		--
gfc123	●		--

入会时间	角色
2022/09/23 11:35:05	主持人
2022/09/23 13:53:02	参会者

Monitoring can only be performed when the user has higher privileges than the participants. If the conference terminal supports PTZ (pan-tilt-zoom) functionality, the camera can be controlled.

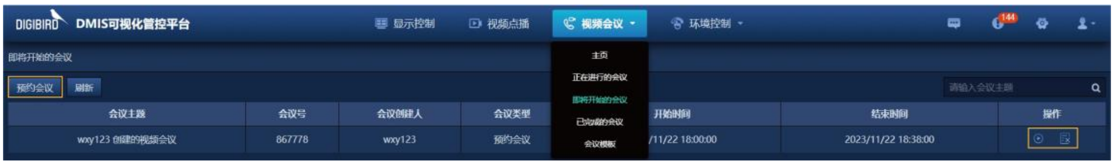

监看
监看窗口
单击可关闭/打开音频
摄像头方向控制
拉近
拉远
+
-

Enter the "Meetings in Progress" sub-interface of the "Video Conference" interface on the front end to view all ongoing meetings. Click on the meeting topic to enter the meeting details page. It also supports starting a new meeting and ending a meeting.


DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
142
正在进行的会议
发起会议
刷新
请输入会议主题
主页
正在进行的会议
即将开始的会议
已完成的会议
会议模板

会议主题	会议号	会议创建人	开始时间	结束时间	操作
wxy123 创建的视频会议	685724	wxy123	2023/11/22 17:04:37	-	

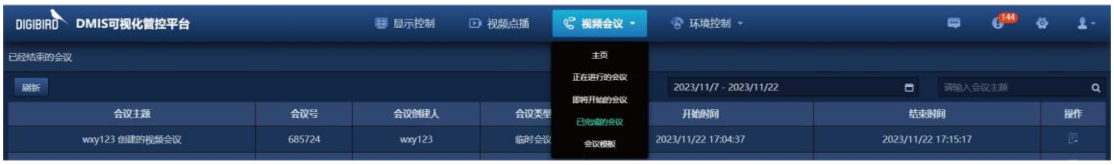
Accessing the "Upcoming Meetings" sub-interface within the "Video Conference" interface allows you to view all upcoming meetings. Clicking on a meeting topic displays meeting information, including basic details and participants. It also supports scheduling and starting meetings and canceling meeting .


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
144
主页
正在进行的会议
即将开始的会议
已完成的会议
会议模板
预约会议
刷新
请输入会议主题

即将开始的会议

会议主题	会议号	会议创建人	会议类型	开始时间	结束时间	操作
wxy123 创建的视频会议	867778	wxy123	预约会议	/11/22 18:00:00	2023/11/22 18:38:00	

Access the "Completed Meetings" sub-interface within the "Video Conference" interface to view all completed meetings. Clicking on a meeting topic will display meeting information, including basic details and participants.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
144
主页
正在进行的会议
即将开始的会议
已完成的会议
会议模板
刷新
请输入会议主题

已经结束的会议

2023/11/7 - 2023/11/22

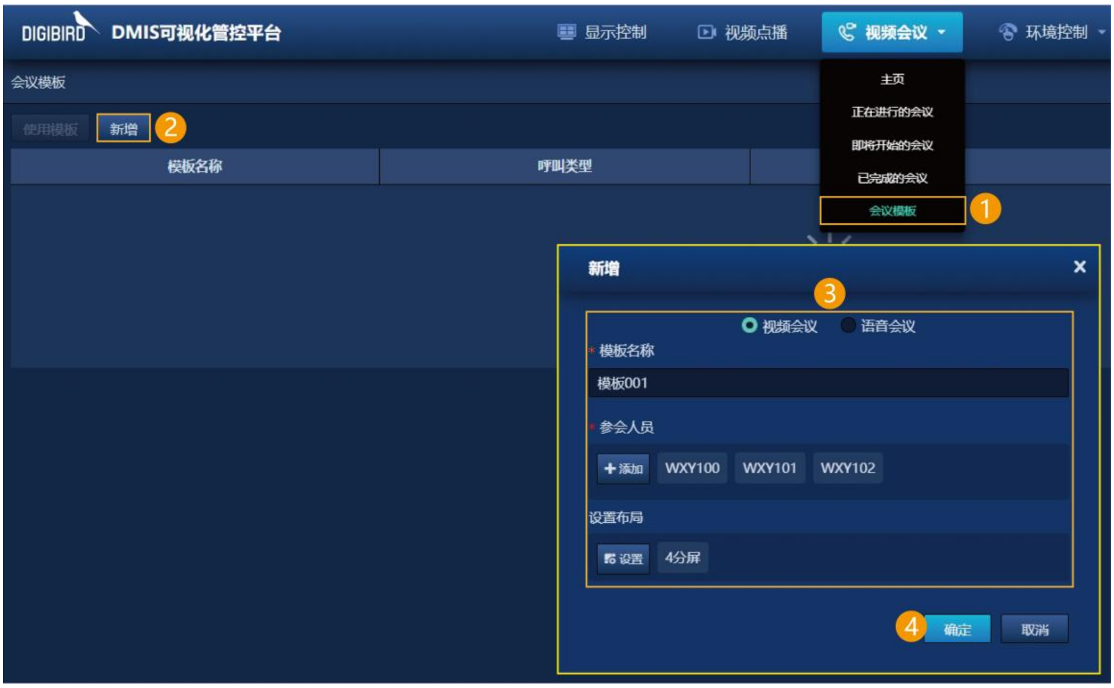
会议主题	会议号	会议创建人	会议类型	开始时间	结束时间	操作
wxy123 创建的视频会议	685724	wxy123	临时会议	2023/11/22 17:04:37	2023/11/22 17:15:17	

5.4. Preset Recalling

The platform allows users to save meeting participants and meeting interface layouts as meeting templates, enabling them to initiate meetings with a single click when needed.

5.4.1. Conference Template

Enter the "Meeting Template" sub-interface of the "Video Conference" interface on the front end, click the "Add" button, select the meeting type, set the template name, participants, and meeting layout, and finally click the "OK" button to add a meeting template.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
会议模板
使用模板
新增
②
模板名称
呼叫类型
主页
正在进行的会议
即将开始的会议
已完成的会议
会议模板
①
新增
×
③
④
确定
取消

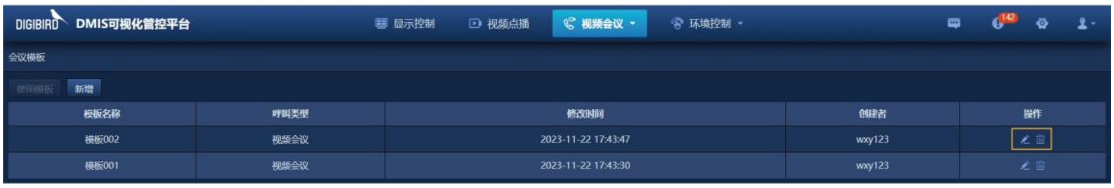
● 视频会议 ○ 语音会议

模板名称: 模板001

参会人员: +添加 WXY100 WXY101 WXY102

设置布局: 设置 4分屏

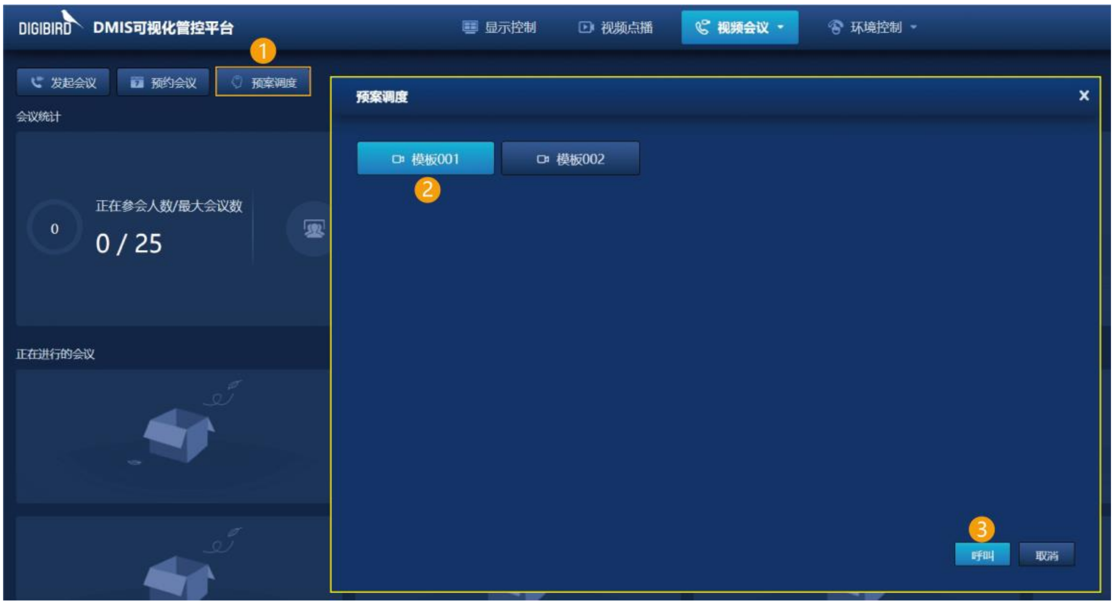
You can view the created templates in the [Conference Template] interface, and you can modify and delete the templates.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
142
会议模板
使用模板
新增

模板名称	呼叫类型	修改时间	创建者	操作
模板002	视频会议	2023-11-22 17:43:47	wxy123	✎ 🗑
模板001	视频会议	2023-11-22 17:43:30	wxy123	✎ 🗑

5.4.2. Preset Recalling

Return to the [Video Conference] homepage, click the "Preset Recalling" button, select a template in the pop-up window, and click the "Call" button to send a video conference invitation to the participants in the template.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
①
发起会议
预约会议
预案调度
会议统计
0
正在参会人数/最大会议数
0 / 25
正在进行的会议
预案调度
×
模板001
模板002
②
③
呼叫
取消

6. Device Maintenance

The platform supports intelligent operation and maintenance functions for devices, and can manage and monitor all assets within the system through software, so that the assets can achieve the desired results.

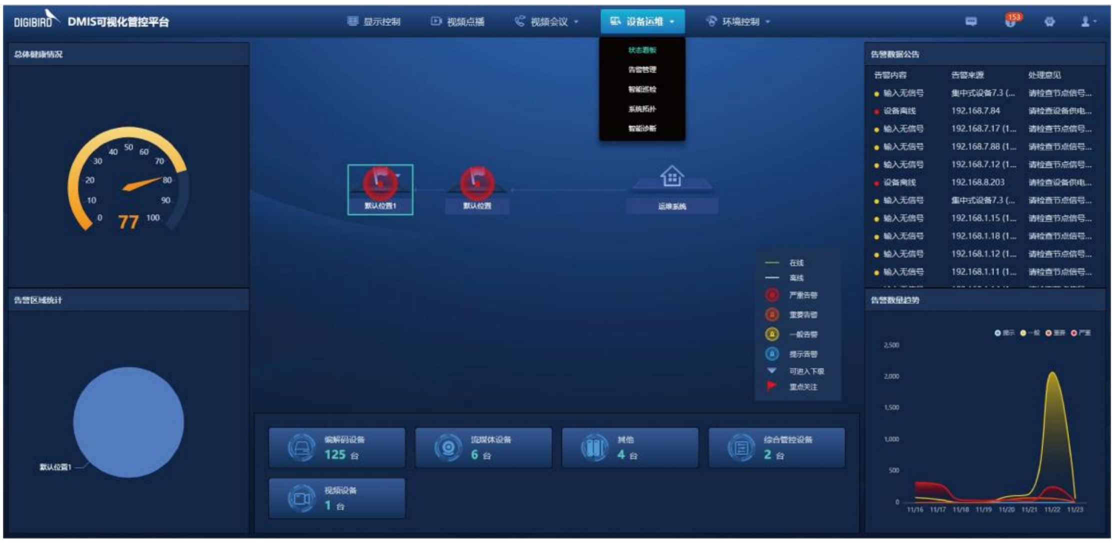
The device operation and maintenance module includes sub-modules for status dashboard, alarm management, intelligent inspection, system topology, and intelligent diagnosis, providing an integrated operation and maintenance management solution based on the entire network assets.

Note: To implement this function, an additional maintenance extension host needs to be added.

6.1. Status Dashboard

Upon entering the software's front-end interface, under [Device Maintenance]—[Status Dashboard], the interface displays a statistical overview of the system's assets in a card layout. Specifically, it includes the following aspects:

- Overall health status: Supports dashboard charts, which display the health values of assets within the system in a percentage format.
- Alarm area statistics: Displays the number and percentage of alarms for each asset, based on its location.
- System topology: Displays the asset location topology. The topology map is attached to a virtual root node (named "Operations and Maintenance System"). You can view the asset status, including online, offline, critical alarm, important alarm, general alarm, alert alarm, and key monitoring. Double-clicking an asset location will allow you to view assets in its sub-location.
- Asset classification statistics: Displays the number of assets in the system based on asset type.
- Alarm data announcement: Displays all alarm information in the system in a scrolling manner, including alarm content, source, and handling opinions.
- Alarm quantity trend: Displays the daily number of alarms at different levels within the system, using alarm level as the statistical dimension.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
设备运维
环境控制
153
状态看板
告警管理
智能巡检
系统拓扑
智能诊断
总体健康情况
0
10
20
30
40
50
60
70
80
90
100
77
告警区域统计
默认位置1
默认位置1
默认位置
运维系统
在线
离线
严重告警
重要告警
一般告警
提示告警
可进入下级
重点关注
编解码设备
125 台
流媒体设备
6 台
其他
4 台
综合管控设备
2 台
视频设备
1 台
告警数据公告
告警数量趋势
提示
一般
重要
严重
2,500
2,000
1,500
1,000
500
0
11/16
11/17
11/18
11/19
11/20
11/21
11/22
11/23

告警内容	告警来源	处理意见
输入无信号	集中式设备7.3 (...	请检查节点信号...
设备离线	192.168.7.84	请检查设备供电...
输入无信号	192.168.7.17 (1...	请检查节点信号...
输入无信号	192.168.7.88 (1...	请检查节点信号...
输入无信号	192.168.7.12 (1...	请检查节点信号...
设备离线	192.168.8.203	请检查设备供电...
输入无信号	集中式设备7.3 (...	请检查节点信号...
输入无信号	192.168.1.15 (1...	请检查节点信号...
输入无信号	192.168.1.18 (1...	请检查节点信号...
输入无信号	192.168.1.12 (1...	请检查节点信号...
输入无信号	192.168.1.11 (1...	请检查节点信号...

6.2. System Topology

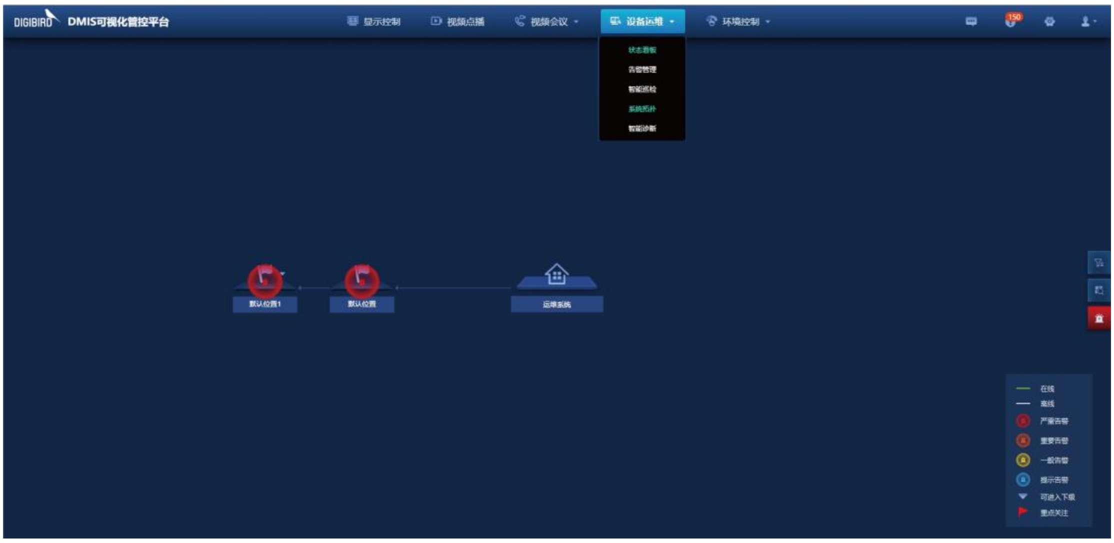
The system topology is divided into location topology, asset topology, and rack topology. Users can view asset information and status intuitively and conveniently in a graphical manner, from a global perspective to specific details.

6.2.1. Location Topology

On the software's front-end [Device Maintenance] interface, click the "System Topology" option to enter the [System Topology] interface. This interface will display a 3D asset location topology map based on the system asset location data. The asset location topology map will be attached to a virtual root node (named "Maintenance System").

Each real location node will directly display the alarm status of the assets within that location.

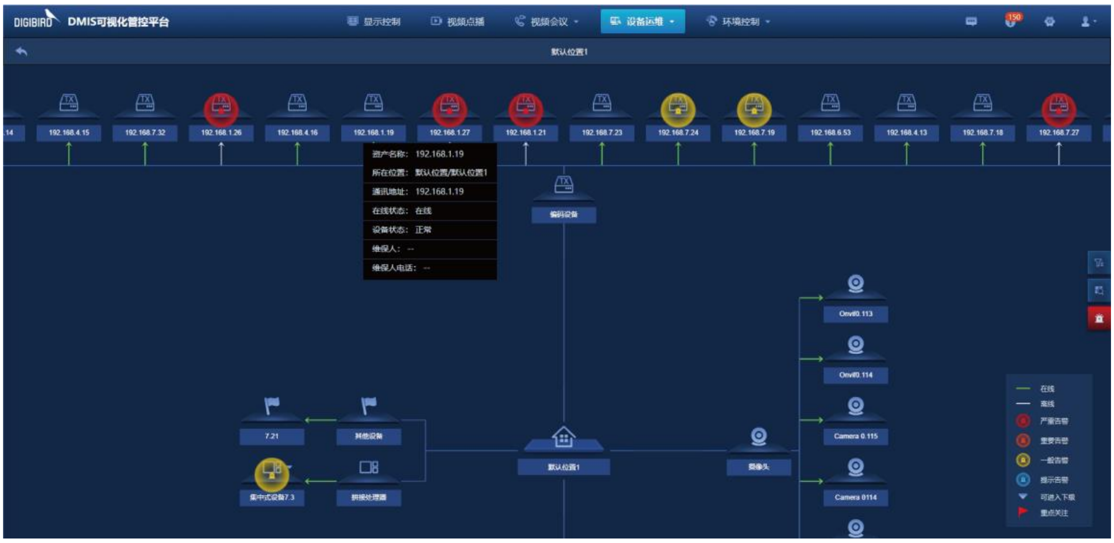
If an alarm exists at a certain location node, the corresponding alarm icon will be displayed; otherwise, it will not be displayed. Hovering the mouse over a location node will bring up a pop-up window displaying the location name.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
设备运维
环境控制
150
状态看板
告警管理
智能巡检
系统拓扑
智能诊断
默认位置1
默认位置
运维系统
在线
离线
严重告警
重要告警
一般告警
提示告警
可进入下级
重点关注

6.2.2. Asset Topology

Double-clicking a real location node will display the asset topology map under that location node.

The topology map starts from a virtual node and arranges asset data in all directions according to asset categories. Each asset directly displays its alarm status (the alarm icon varies depending on the alarm level; no alarm is displayed if there is no alarm) and its on-site status (green connecting line for on-site, gray connecting line for offline). Hovering the mouse over an asset node will bring up a pop-up window displaying information such as the asset name, location, communication address, and online status.

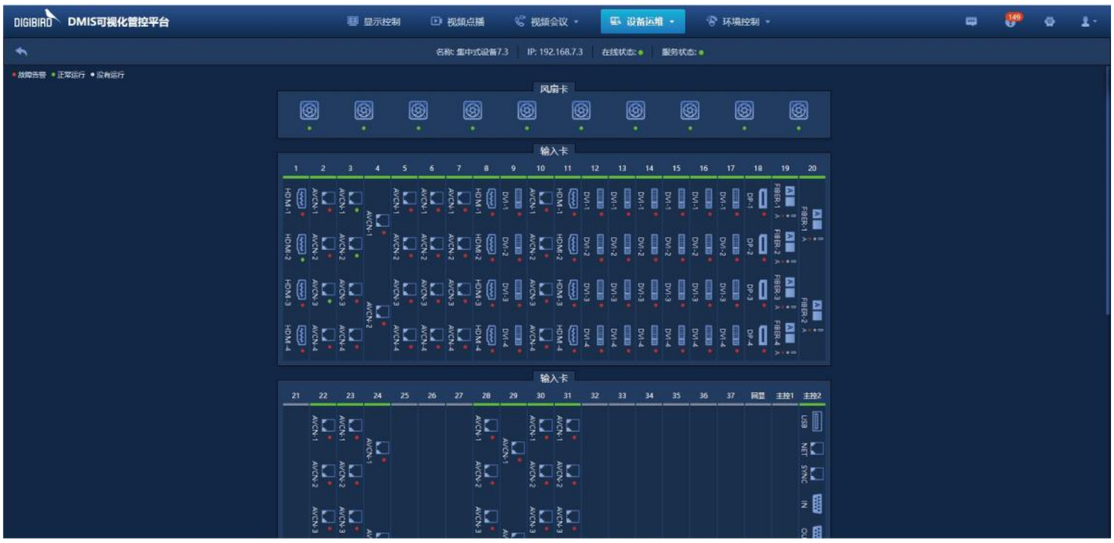

DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
设备运维
环境控制
150
默认位置1
.14
192.168.4.15
192.168.7.32
192.168.1.26
192.168.4.16
192.168.1.19
192.168.1.27
192.168.1.21
192.168.7.23
192.168.7.24
192.168.7.19
192.168.6.53
192.168.4.13
192.168.7.18
192.168.7.27
编码设备
Onvif0.113
Onvif0.114
Camera 0.115
Camera 0114
7.21
其他设备
集中式设备7.3
拼接处理器
默认位置1
摄像头
在线
离线
严重告警
重要告警
一般告警
提示告警
可进入下级
重点关注

资产名称： 192.168.1.19
所在位置： 默认位置/默认位置1
通讯地址： 192.168.1.19
在线状态： 在线
设备状态： 正常
维保人： --
维保人电话： --

6.2.3. Rack Topology

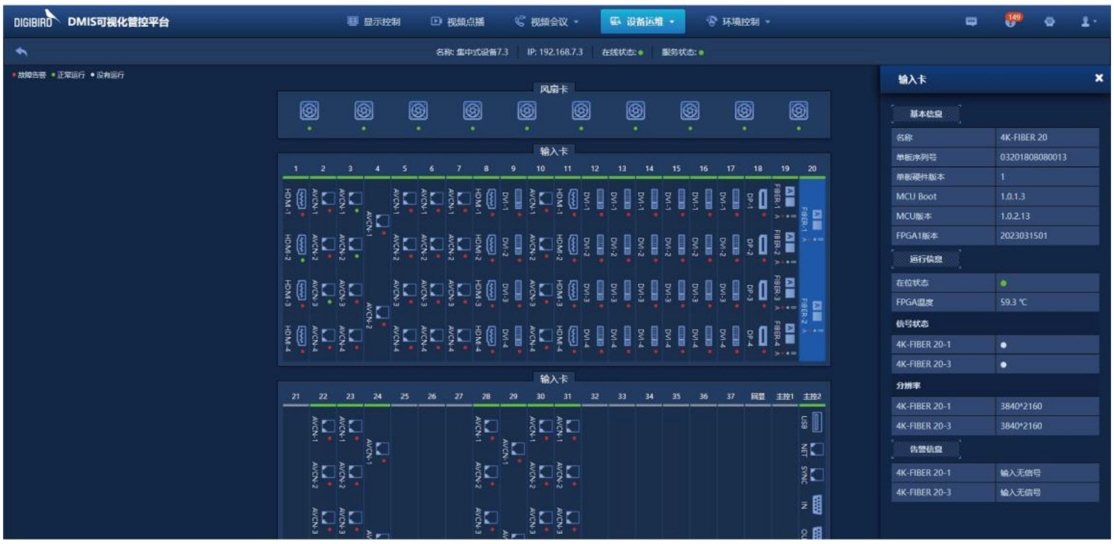
Double-clicking an asset node will take you to the rack topology interface if the asset supports rack topology; otherwise, it will not redirect. Currently, this function only supports our company's centralized equipment, such as centralized video wall products, centralized hybrid matrix products, centralized optical matrix products, and centralized agent products.

This topology diagram realistically displays the chassis's card layout, card presence status, card alarm status, input port signal status, and output port output status from the perspectives of cards and channels.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
设备运维
环境控制
149
故障告警
正常运行
没有运行
风扇卡
输入卡
输入卡
网管
主控1
主控2

名称: 集中式设备7.3 | IP: 192.168.7.3 | 在线状态: ● | 服务状态: ●

In the rack topology diagram, the smallest operable unit is the card. Clicking on a card will bring up a details window for that card on the right, which includes basic information, operating information, signal status, resolution, alarm information, etc.


DIGIBIRD
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显示控制
视频点播
视频会议
设备运维
环境控制
149
故障告警
正常运行
没有运行
风扇卡
输入卡
输入卡
网管
主控1
主控2

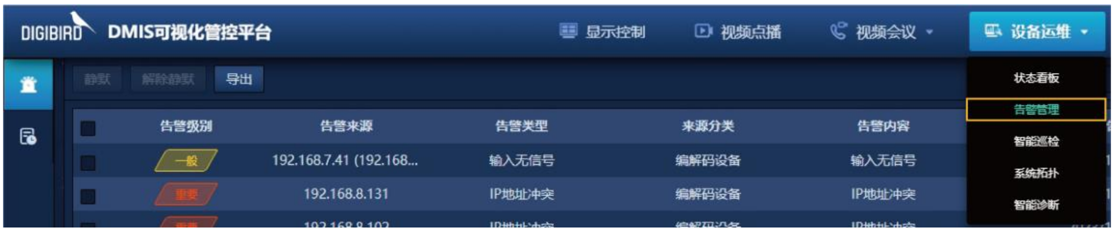
名称: 集中式设备7.3 | IP: 192.168.7.3 | 在线状态: ● | 服务状态: ●

输入卡

基本信息	
名称	4K-FIBER 20
单板序列号	03201808080013
单板硬件版本	1
MCU Boot	1.0.1.3
MCU版本	1.0.2.13
FPGA1版本	2023031501
运行信息	
在位状态	●
FPGA温度	59.3 ℃
信号状态	
4K-FIBER 20-1	●
4K-FIBER 20-3	●
分辨率	
4K-FIBER 20-1	3840*2160
4K-FIBER 20-3	3840*2160
告警信息	
4K-FIBER 20-1	输入无信号
4K-FIBER 20-3	输入无信号

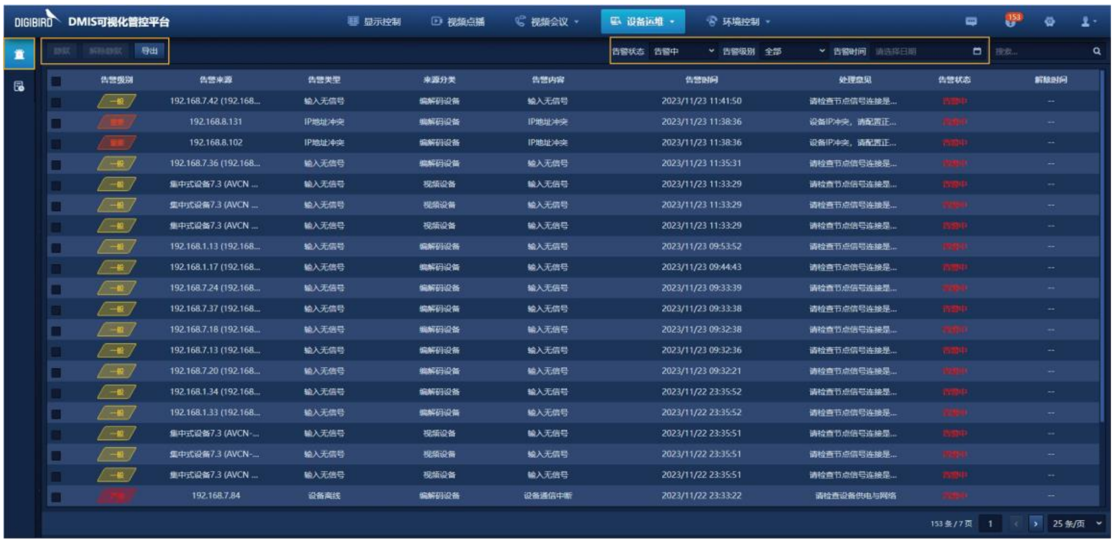
6.3. Alarm Management

Enter the software's front-end interface under [Device Maintenance]—[Alarm Management]. This interface contains two sub-interfaces: one displays all unresolved alarms in the system, and the other displays all resolved alarms in the system. You can switch between sub-interfaces by clicking the button on the left sidebar.

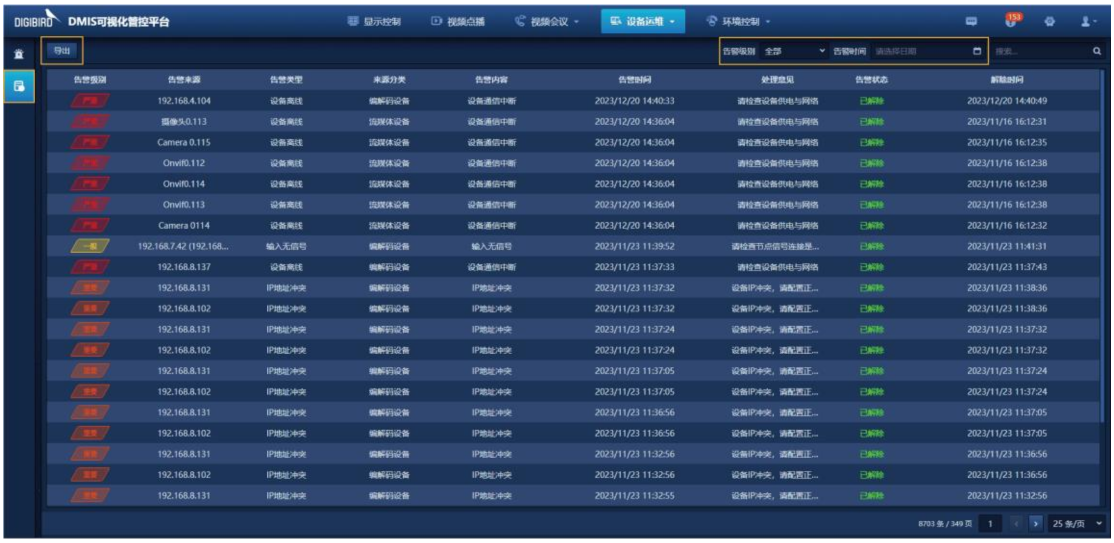


告警级别	告警来源	告警类型	来源分类	告警内容
一般	192.168.7.41 (192.168...	输入无信号	编解码设备	输入无信号
重要	192.168.8.131	IP地址冲突	编解码设备	IP地址冲突

Alarm information can be filtered by alarm status, alarm level, and alarm time. Filtered information can be exported to a local PC. An alarm silencing function is supported, which can silence alarm information; silenced alarm information will not be displayed in the [Status Dashboard] interface.



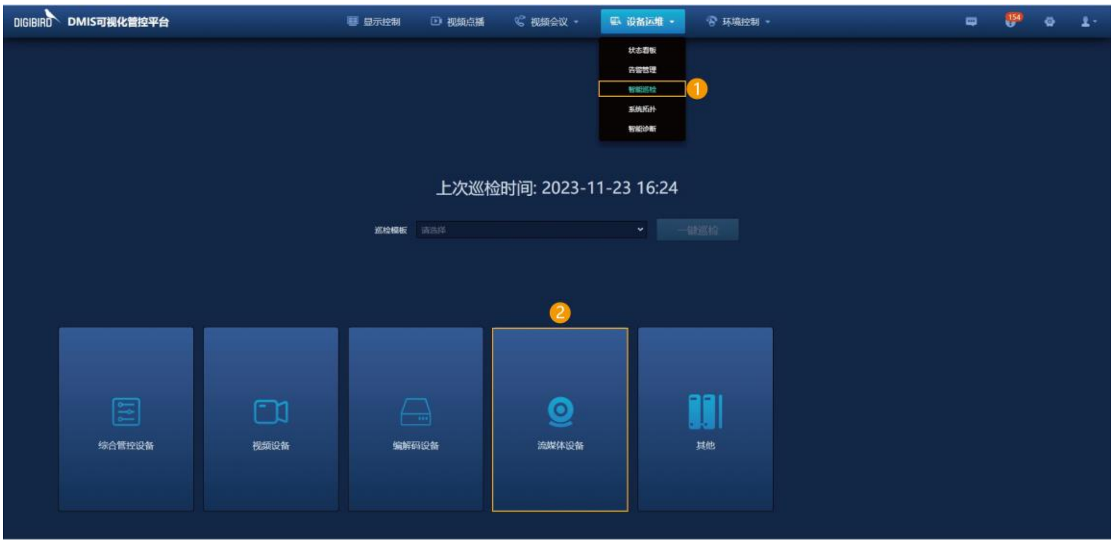
Alarms that have been cleared can be filtered by alarm level and alarm time, and the filtered information can be exported to a local PC.



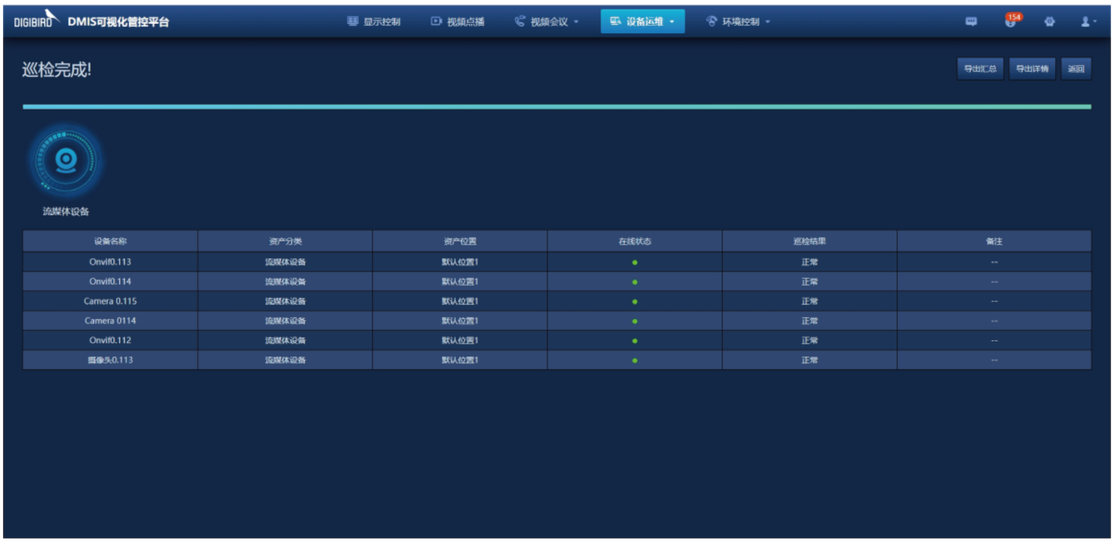
6.4. Intelligent Inspection

The software supports intelligent inspection functions, which can manually inspect assets according to asset categories and inspection templates, or automatically inspect assets by creating inspection plans. It also supports downloading and printing inspection reports.

Inspection by Asset Category: Access the software's front-end interface under [Device Maintenance]—[Intelligent Inspection], and click on the asset category to begin the inspection. For example, to inspect "Streaming Media Device":


DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频会议
设备运维
环境控制
154
状态看板
告警管理
智能巡检
系统拓扑
智能诊断
①
巡检模板
请选择
一键巡检
②
综合管控设备
视频设备
编解码设备
流媒体设备
其他

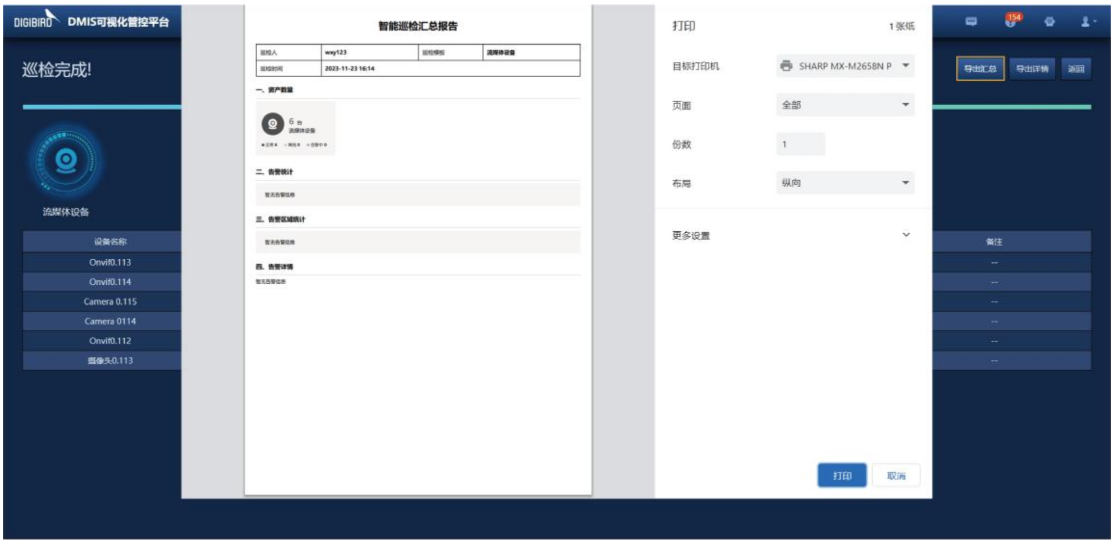
上次巡检时间: 2023-11-23 16:24


DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频会议
设备运维
环境控制
154
导出汇总
导出详情
返回
流媒体设备

巡检完成!

设备名称	资产分类	资产位置	在线状态	巡检结果	备注
Onvif0.113	流媒体设备	默认位置1	●	正常	--
Onvif0.114	流媒体设备	默认位置1	●	正常	--
Camera 0.115	流媒体设备	默认位置1	●	正常	--
Camera 0114	流媒体设备	默认位置1	●	正常	--
Onvif0.112	流媒体设备	默认位置1	●	正常	--
摄像头0.113	流媒体设备	默认位置1	●	正常	--

Click the "Export Summary" button to print the summary report, and click the "Export Details" button to print the details report.


DIGIBIRD DMIS可视化管控平台
巡检完成!
流媒体设备
导出汇总
导出详情
返回
设备名称
备注
更多设置
打印
取消

智能巡检汇总报告

巡检人	wxy123	巡检模板	流媒体设备
巡检时间	2023-11-23 16:14		

一、资产数量

6 台 流媒体设备

二、告警统计

暂无告警信息

三、告警区域统计

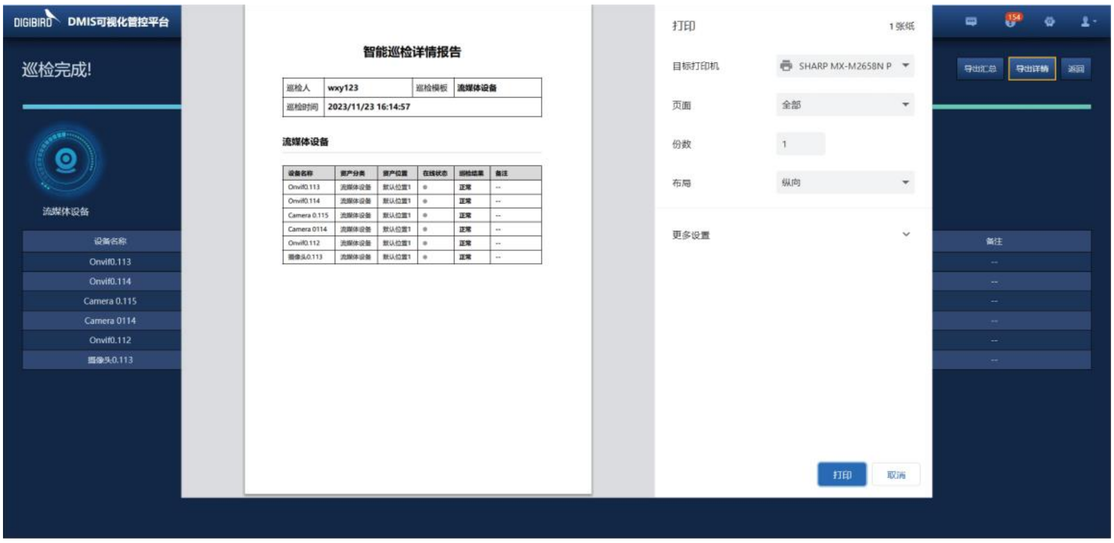
暂无告警信息

四、告警详情

暂无告警信息

打印 1 张纸
目标打印机 SHARP MX-M2658N P
页面 全部
份数 1
布局 纵向

设备名称	备注
Onvif0.113	--
Onvif0.114	--
Camera 0.115	--
Camera 0114	--
Onvif0.112	--
摄像头0.113	--


DIGIBIRD DMIS可视化管控平台
巡检完成!
流媒体设备
导出汇总
导出详情
返回
更多设置
打印
取消

智能巡检详情报告

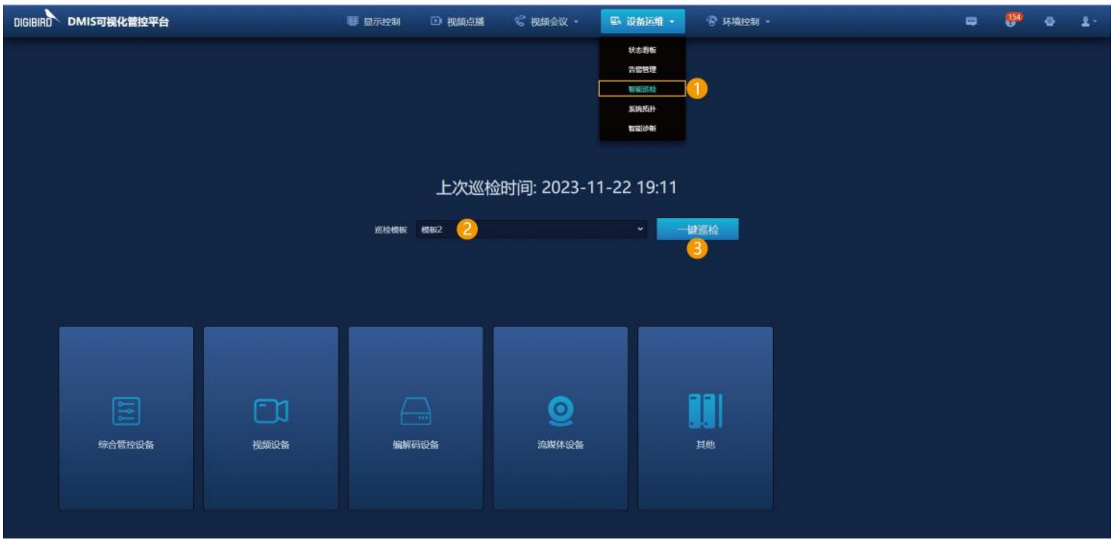
巡检人	wxy123	巡检模板	流媒体设备
巡检时间	2023/11/23 16:14:57		

流媒体设备

设备名称	资产分类	资产位置	在线状态	巡检结果	备注
Onvif0.113	流媒体设备	默认位置1	●	正常	--
Onvif0.114	流媒体设备	默认位置1	●	正常	--
Camera 0.115	流媒体设备	默认位置1	●	正常	--
Camera 0114	流媒体设备	默认位置1	●	正常	--
Onvif0.112	流媒体设备	默认位置1	●	正常	--
摄像头0.113	流媒体设备	默认位置1	●	正常	--

打印 1 张纸
目标打印机 SHARP MX-M2658N P
页面 全部
份数 1
布局 纵向

Inspection by a Template: Go to the software's front-end interface, select the template from the "Inspection Template" drop-down menu, and click the "One-Click Inspection" button to begin the inspection.

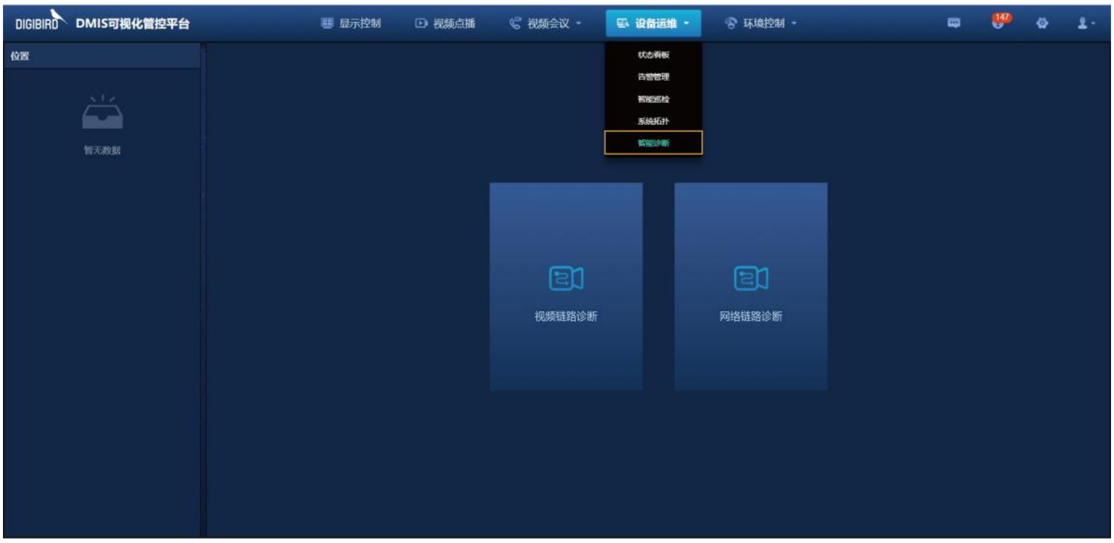

DIGIBIRD DMIS可视化管控平台
显示控制
视频点播
视频会议
设备运维
环境控制
状态看板
告警管理
智能巡检
系统拓扑
智能诊断
①
②
一键巡检
③
综合管控设备
视频设备
编解码设备
流媒体设备
其他

上次巡检时间: 2023-11-22 19:11

巡检模板 模板2

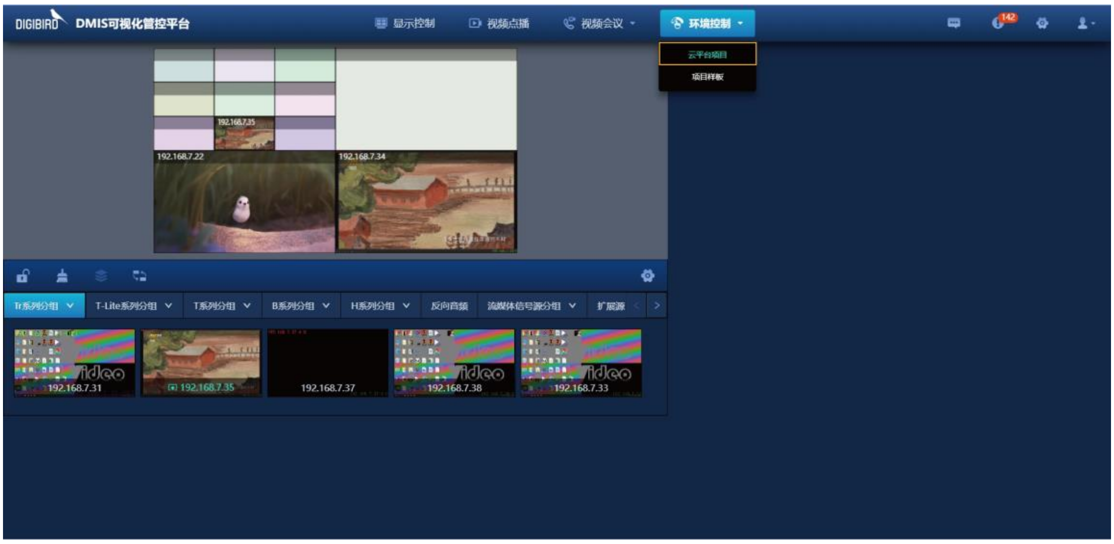
6.5. Intelligent Diagnosis

It allows you to configure video and network links for devices within the system. After configuration, you can visually view the video and network links between the signal and the output display device in the front-end interface of [Device Maintenance] - [Intelligent Diagnosis].


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
设备运维
环境控制
147
状态看板
告警管理
智能巡检
系统拓扑
智能诊断
位置
暂无数据
视频链路诊断
网络链路诊断

7. Environmental Control

After publishing a project in the backend [Central Control Management] interface, you can view and use the published project in the [Environment Control] interface on the software front end. An example is as follows: On the front-end interface, click "Environment Control", then click the project name to enter the project interface and use it.


DIGIBIRD
DMIS可视化管控平台
显示控制
视频点播
视频会议
环境控制
142
云平台项目
项目样板
192.168.7.35
192.168.7.22
192.168.7.34
Tr系列分组
T-Lite系列分组
T系列分组
B系列分组
H系列分组
反向音频
流媒体信号源分组
扩展源
192.168.7.31
192.168.7.35
192.168.7.37
192.168.7.38
192.168.7.33

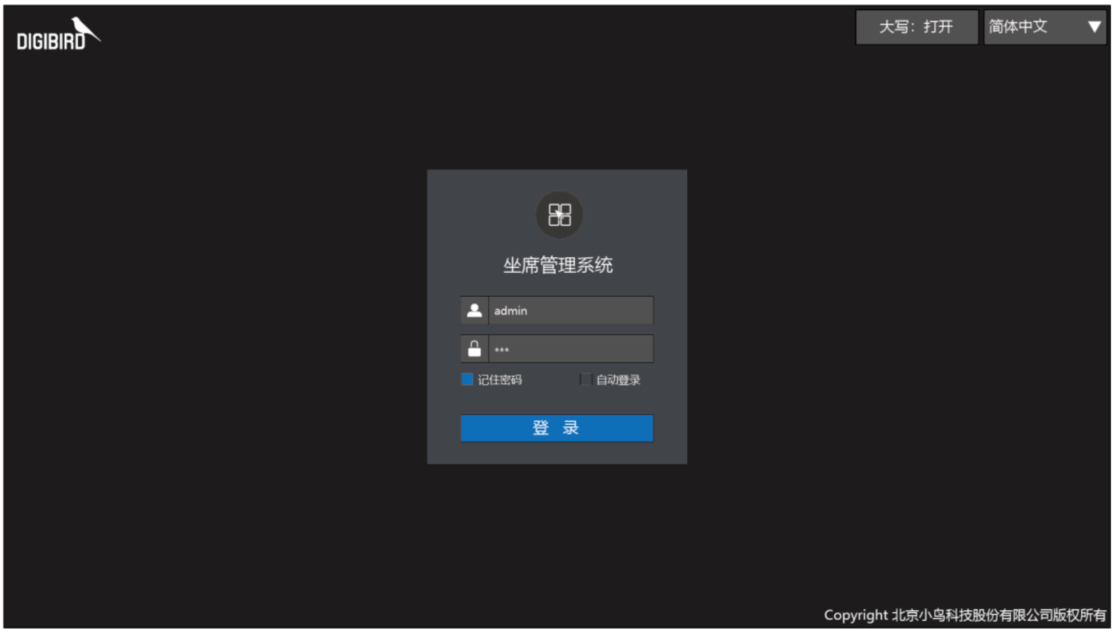
8. Workstation Application

After completing the workstation configuration in the web software backend, you can log in to the OSD menu on the station terminal to perform convenient visual workstation management operations.

8.1. Station Login

On the main screen's login page, enter your username and password to log in.

The interface language can be changed on the login screen; the system provides Simplified Chinese and English for users to choose from.



admin

***

8.2. OSD Menu Introduction

Each display screen in the operator's workstation has two operator operation navigation menus.

- **Window navigation menu:** Located at the top center of the screen, it allows you to switch the signal of this window, push settings, etc.
- **Main navigation menu:** Located at the bottom center of the screen, it allows you to configure the layout and presets of this screen.

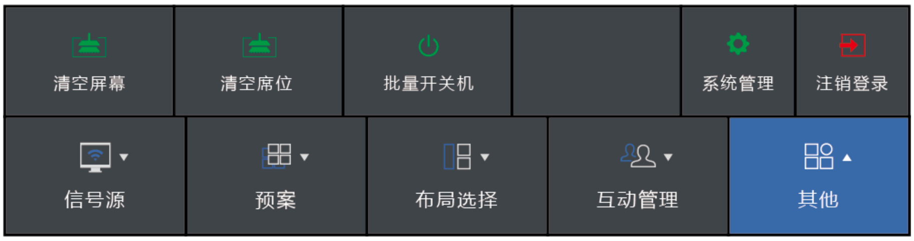
If the display is in four-view mode, each split window has a [Window Navigation Menu] at the top, but there is only one main navigation menu.

The operator supports two control modes: OSD control mode and PC control mode. Press the left <CTRL> + <M> key combination to switch modes. This shortcut key can be modified. For details, please refer to 8.15.3 Shortcut Key Settings.

- **OSD control status:** Only the OSD mouse can be used, the signal cannot be controlled.
- **PC control status:** You can use an OSD mouse or control the signal (keyboard and mouse permissions required).

8.2.1. Main Navigation Menu

Clicking the button ▲ at the bottom center of the screen will bring up the main navigation menu.

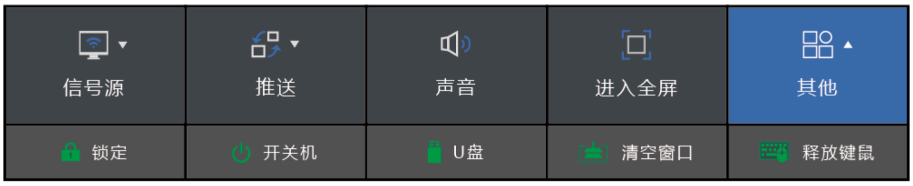


The menu functions are explained below:

FUNCTIONS	**DESCRIPTION**
SIGNAL	To preview or switch signals, simply drag the signal onto the screen with your mouse.
PRESET	It includes contingency plans for workstations, single screens, video walls, and matrixes, and these plans can be invoked.
LAYOUT SELECTION	The workstation screen layout can be set up in two ways: single-screen and four-view. A single-screen displays one signal on one screen, while a four-view screen displays four signals evenly divided on one screen. Note: The Br series dual-channel workstation/workstation collaboration decoding node only supports a single-screen layout.
INTERACTIVE MANAGEMENT	Follow: View the operations of other users or agents in real time (on any screen of any Station); Meeting: If your Station is already connected to a video conferencing terminal, you can conduct video conferences with other users. For connection instructions, please refer to **8.11 Workstation Conference**. Messages: Allows you to send text messages to other users.
OTHER	Clear screen: Clears all signals on the current screen; Clear Station: Clears all signals from all screens in this station; Batch power on/off: Simultaneously control multiple signals to perform power on/off and restart operations (the signals need to be remotely configured for power on/off on the web software before remote power on/off can be achieved). System management: Configure OS SD interface display or operating habits, including personal settings, shortcut keys, system status, etc. Logout: Exit station login.

8.2.2. Window Navigation Menu

Clicking the button ▼ at the top center of the screen will bring up the [Window Navigation Menu].



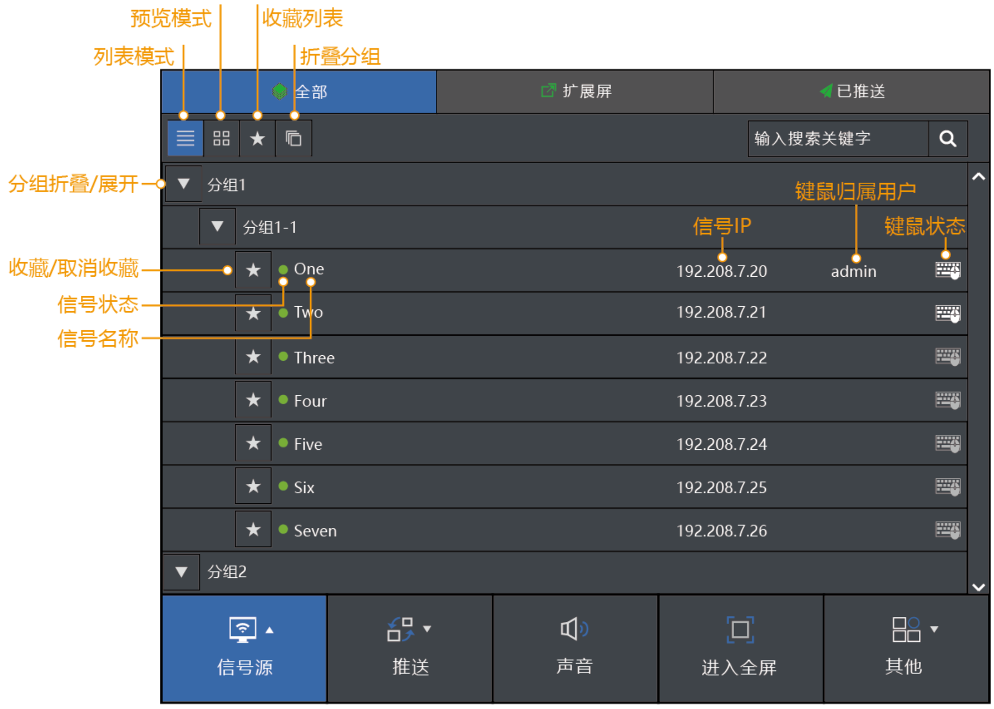
The menu functions are explained below:

FUNCTIONS	**DESCRIPTION**
SIGNAL	Preview or switch signals; simply click with your mouse to switch.
PUSH	You can choose to push the current signal to the main screen, other users, other stations, the video wall, or the matrix.
SOUND	Adjust the volume of the signal.
ENTER FULL SCREEN	In four-screen split mode, clicking the "Enter Full Screen" button will enlarge the split window to full screen display; clicking the "Exit Full Screen" button will restore the signal to the split window display.
OTHER	Lock: Locks the current window's view. When locked, only the signal feed can be viewed; signal switching is not possible. Power on/off: Controls the power on/off of the signal (the signal must support remote power on/off); USB flash drive: Controls USB devices (USB devices need to be connected to the agent collaboration decoding node); Clear window: Clears the signal of the current window; Release keyboard and mouse: If you have keyboard and mouse permissions for the current signal, click this button to release those permissions so that other users can use them.

8.3. Signal Management

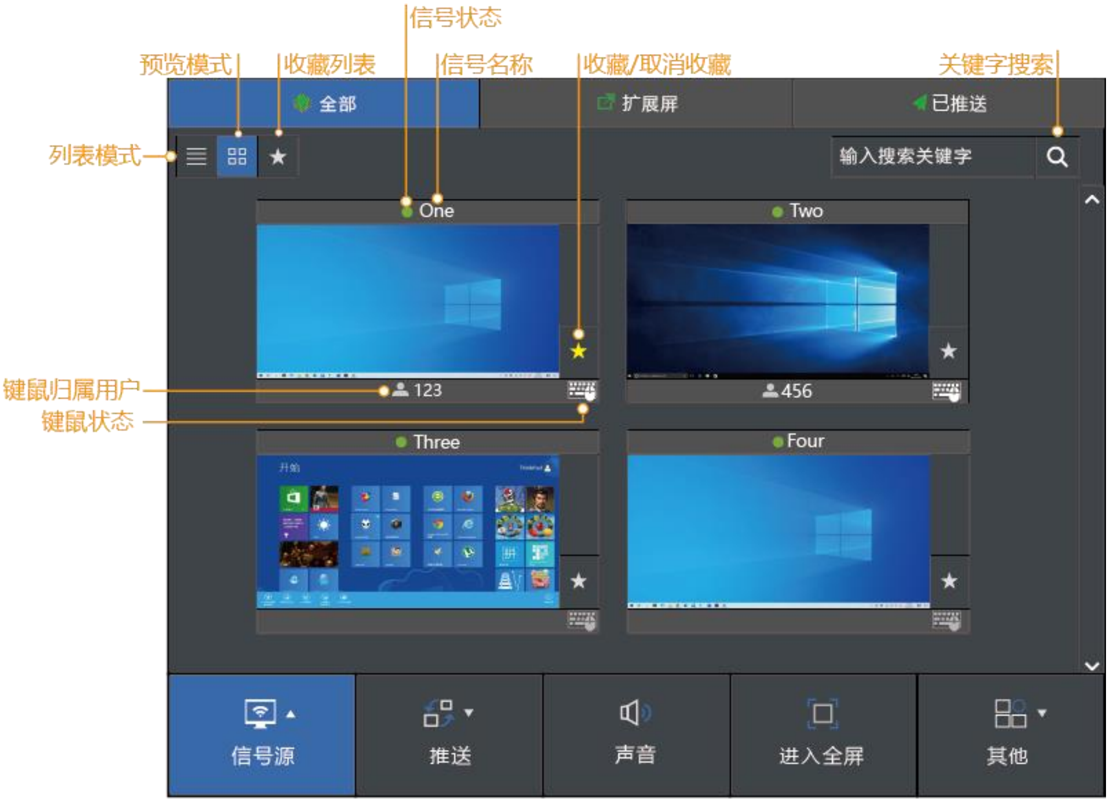
8.3.1. Main Navigation Menu

The OSD functions and operation instructions for the list mode of the main navigation menu are as follows:


预览模式
收藏列表
列表模式
折叠分组
全部
扩展屏
已推送
输入搜索关键字
分组折叠/展开
分组1
键鼠归属用户
分组1-1
信号IP
键鼠状态
收藏/取消收藏
信号状态
信号名称
One 192.208.7.20 admin
Two 192.208.7.21
Three 192.208.7.22
Four 192.208.7.23
Five 192.208.7.24
Six 192.208.7.25
Seven 192.208.7.26
分组2
信号源
推送
声音
进入全屏
其他

MENU ITEMS	DESCRIPTION
LIST MODE	Click the button to switch to the list view.
PREVIEW MODE	Click the button to switch to the preview interface.
COLLECTION LIST	Click the button to switch to the favorites interface.
FOLDING GROUPS	Click the button to collapse all groups in list mode.
GROUPED FOLDING/EXPANDING	Click the button to collapse/expand the current group list.
FAVORITE/UNFAVORITE	Click the button to switch the status between signal favorite ★ or unfavorite ★.
ONLINE STATUS	The current online status of the signal is indicated by green (online), gray (offline), and blue (video signal not connected).
SIGNAL NAME	The display name of the current signal.
SIGNAL IP	The IP address of the current signal.
KVM OWNER	Users with keyboard and mouse permissions for this signal.
KVM STATUS	The current keyboard and mouse status, white ⌨ indicates controllability, gray ⌨ indicates that something is beyond control.
KEYWORD SEARCH	Enter the signal name keywords to filter signals for easier searching. Right-clicking the mouse in the search box will bring up the soft keyboard.

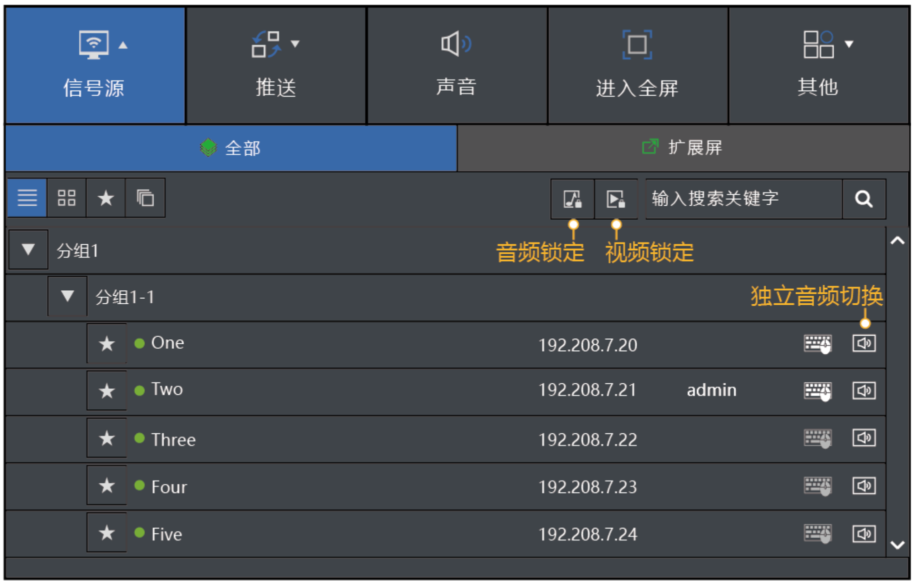
The OSD functions and operation instructions for the preview mode of the main navigation menu are as follows:



FUNCTIONS	DESCRIPTION
LIST MODE	Click the button to switch to the list view.
PREVIEW MODE	Click the button to switch to the preview interface.
COLLECTION LIST	Click the button to switch to the favorites interface.
FAVORITE/UNFAVORITE	Click the button to switch the status between signal favorite ★ or unfavorite ★.
ONLINE STATUS	The current online status of the signal is indicated by green (online), gray (offline), and blue (video signal not connected).
SIGNAL NAME	The display name of the current signal.
KVM OWNER	Users with keyboard and mouse permissions for this signal.
KVM STATUS	The current keyboard and mouse status, white ⌨ indicates controllability, gray ⌨ indicates that something is beyond control.
KEYWORD SEARCH	Enter the signal name keywords to filter signals for easier searching. Right-clicking the mouse in the search box will bring up the soft keyboard.

8.3.2. Window Navigation Menu

The OSD functions and operation instructions for the list mode of the [Window Navigation Menu] are as follows:



One	192.208.7.20	
Two	192.208.7.21	admin
Three	192.208.7.22	
Four	192.208.7.23	
Five	192.208.7.24	

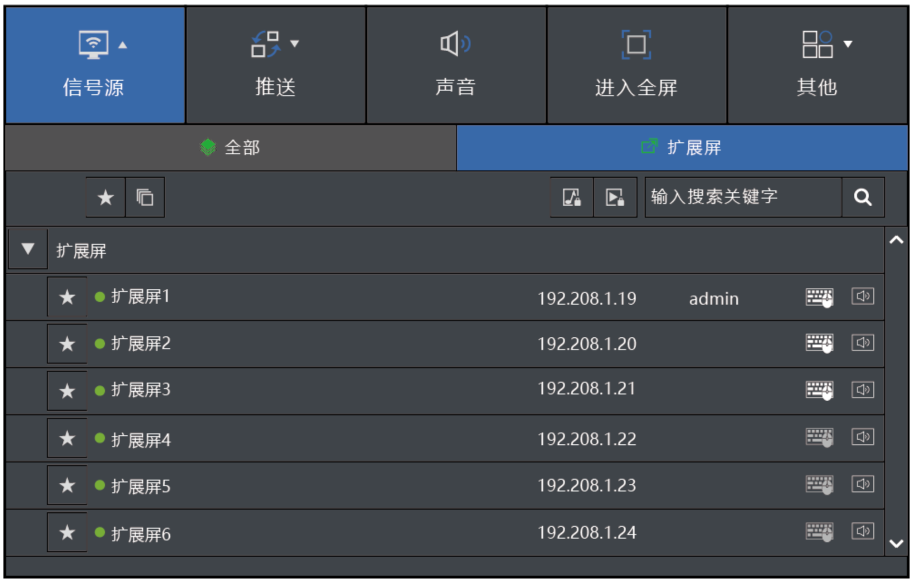
MENU ITEMS	DESCRIPTION
AUDIO LOCK	Click the button to enter audio lock mode. When switching signals, only the video signal changes, while the audio signal remains unchanged.
VIDEO LOCK	Click the button to enter video lock mode. When switching signals, only the audio signal changes, while the video signal remains unchanged. Click the audio switch button 🔈 for the signal. This allows you to switch audio.
AUDIO SWITCHING	White 🔈 indicates that the signal supports independent audio switching, while gray 🔈 indicates that the TX node does not enable audio multicast.

8.4. Extended Screen Switching

For PCs equipped with multi-head graphics cards (such as 2-head graphics cards), they will be connected to the system as 2 signals. These 2 signals can be bound into an extended signal and switched with one click on the workstation.

In the main navigation menu or [Window Navigation Menu] of the operator's OSD interface, click the "Extended Screen" button to open the extended source management interface. Users can view, switch, and control extended signals (requires extended source keyboard and mouse permissions).

The operation of switching extended screens is the same as that of ordinary signals. For details, please refer to 8.3 Signal Management.



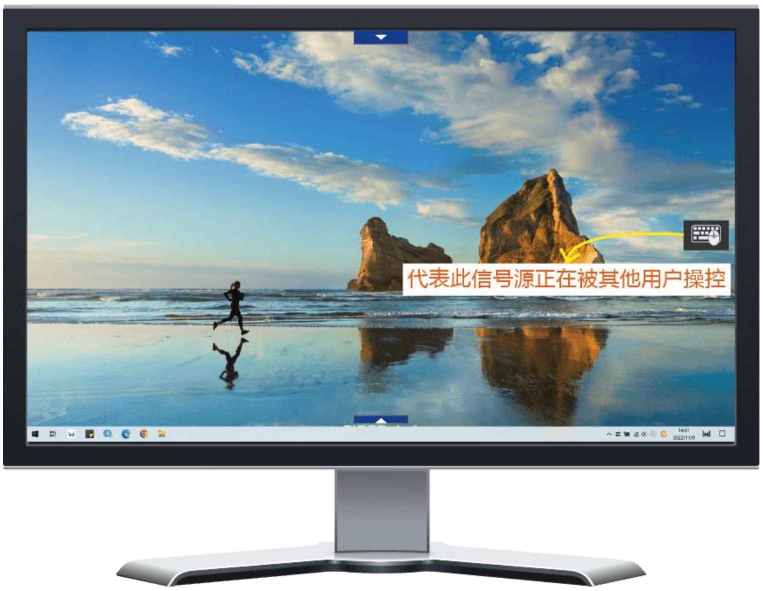
★ ● 扩展屏1	192.208.1.19	admin	
★ ● 扩展屏2	192.208.1.20		
★ ● 扩展屏3	192.208.1.21		
★ ● 扩展屏4	192.208.1.22		
★ ● 扩展屏5	192.208.1.23		
★ ● 扩展屏6	192.208.1.24		

8.5. Signal Control

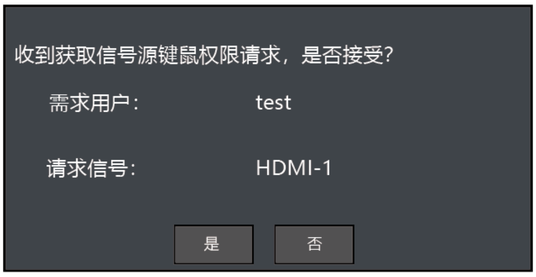
After the signal switching is completed, the current signal can be controlled via the mouse and keyboard.

If you cannot control the current signal with a keyboard and mouse, it may be because the current signal does not support the KM control function, or the current signal is being controlled by another user.

If an icon ⌨ appears in the middle right part of the current signal window, it means that this signal is being manipulated by another user.



Clicking ⌨ icon allows you to send a request to the user station that is controlling this signal, and control of this signal can only be performed after obtaining the other party's consent.



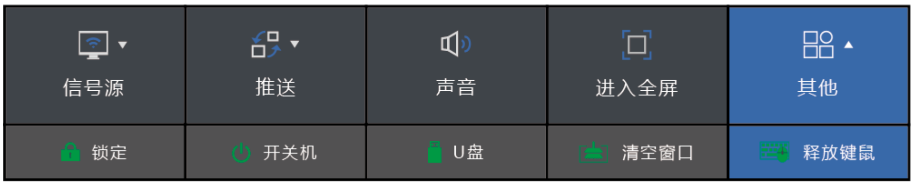
收到获取信号源键鼠权限请求，是否接受?

需求用户: test

请求信号: HDMI-1

Only signals that have been correctly connected to the KM control signal can be controlled by keyboard and mouse at the workstation.

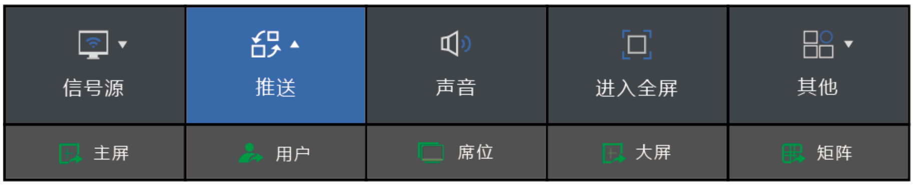
If you no longer need to control the signal, you can click the "Other" option in the [Window Navigation Menu], and then click the "Release Keyboard and Mouse" button to release keyboard and mouse permissions.



8.6. Signal Push

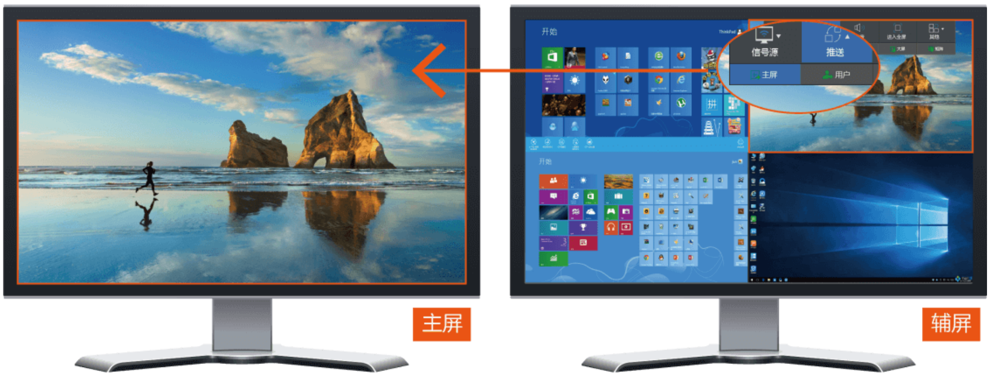
The software supports pushing the current operation signal to other users, other workstations, other video walls, or other matrices for display (the devices connected to the decoding node).

In the [Window Navigation Menu], click the "Push" option to push the signal.



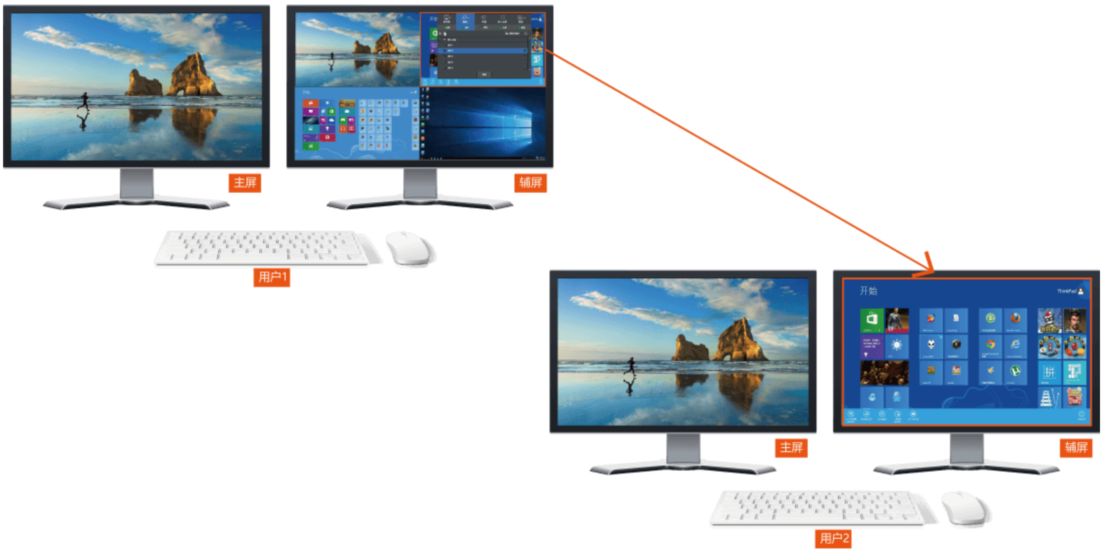
8.6.1. Push to Home Screen

In the secondary screen (other screens besides the main screen), under the [Push] menu of the [Window Navigation Menu], clicking the "Main Screen" button will push the signal of the current window to the main screen for display.



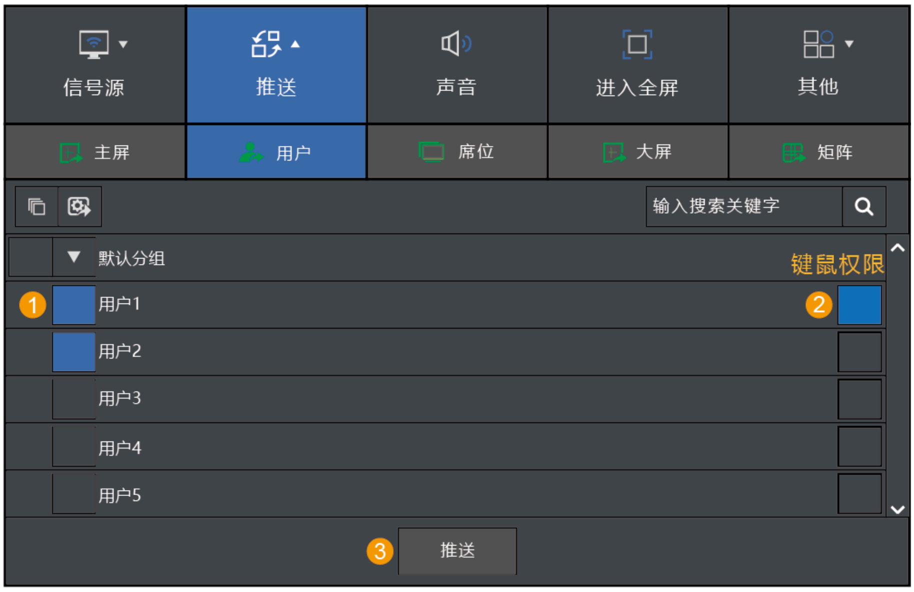
8.6.2. Push to User

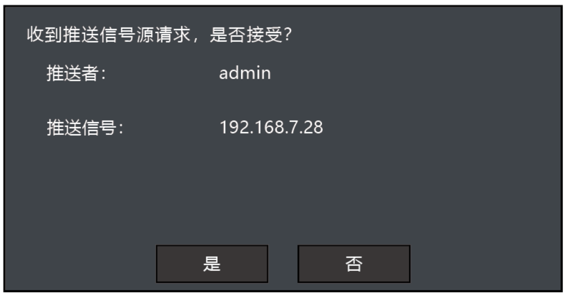
The signal of the current window can be pushed to the display screens of other users within the permissions.



In the [Push] menu of the [Window Navigation Menu], switch to the [Users] tab, select other users on the network (multiple selections are possible), and if you need the pushed user to control the signal, you must also check the "Keyboard and Mouse" option (single selection), and click the "Push" button.

Users receiving the push notification will see the request on their receiving screen. Clicking the "Yes" button will switch to the push notification signal. If keyboard and mouse permissions are granted, the receiving user can use the push notification signal to control the keyboard and mouse.




收到推送信号源请求，是否接受？

推送者: admin

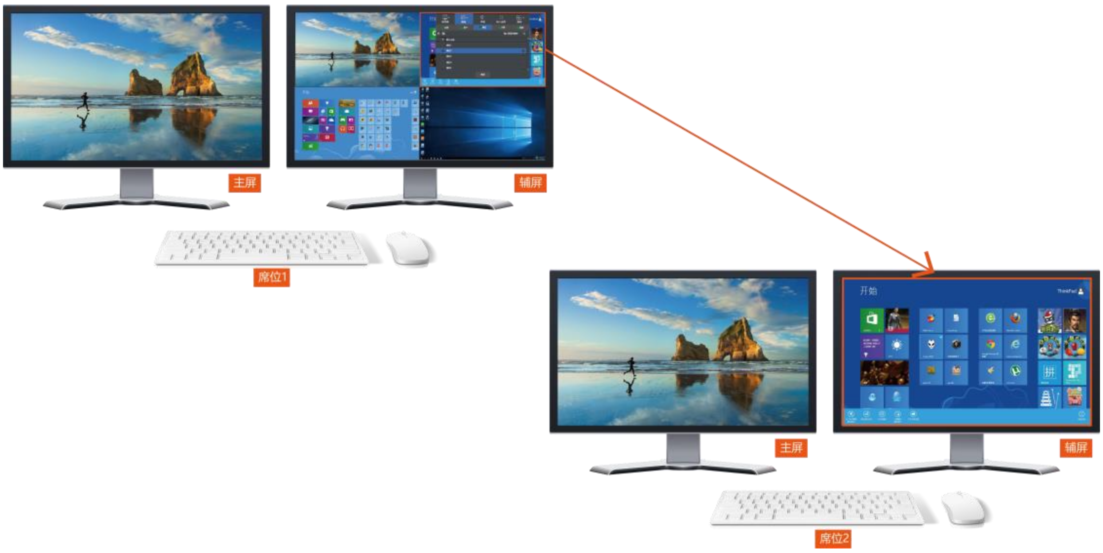
推送信号: 192.168.7.28

Users receiving push notifications can be set to automatically receive them; For the setting method, see automatic response settings in section 8.15.1 Personalization Settings.

The difference between pushing to users and pushing to stations is that when pushing to users, it doesn't matter which station the user is logged into; when pushing to stations, it doesn't matter which user is logged into.

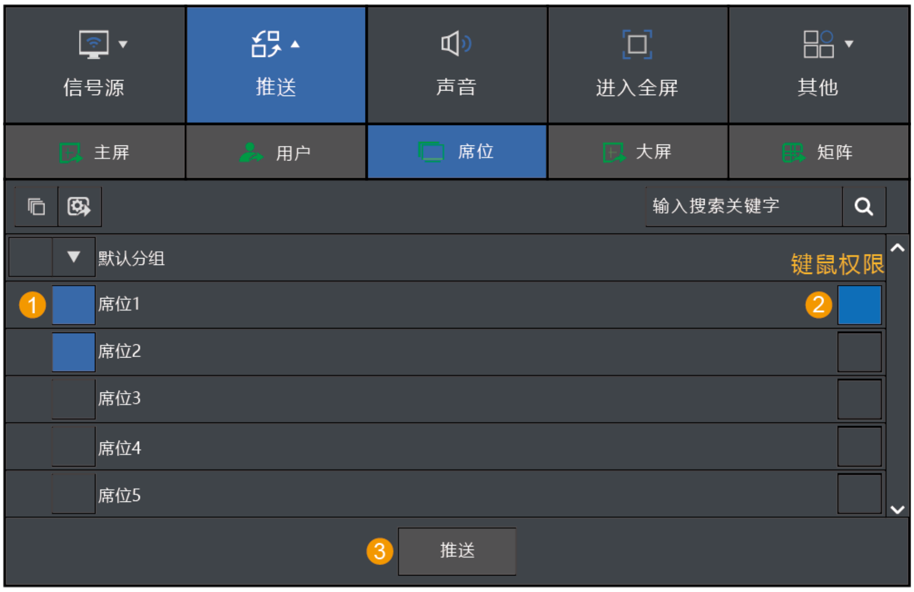
8.6.3. Push to Station

The signal from the current window can be pushed to the displays of other stations within the permissions.


主屏
辅屏
席位1
主屏
辅屏
席位2

In the [Push] menu of the [Window Navigation Menu], switch to the "Station" tab, select a station (multiple selections are possible), and if the pushed station needs to control the signal, you need to check the "Keyboard and Mouse" option (single selection) at the same time, and click the "Push" button.

The receiving station will receive a push request on the receiving screen. Clicking the "Yes" button will switch to the pushed signal. If keyboard and mouse permissions are granted, users logged into the receiving station can use the keyboard and mouse to control the device via this push signal.

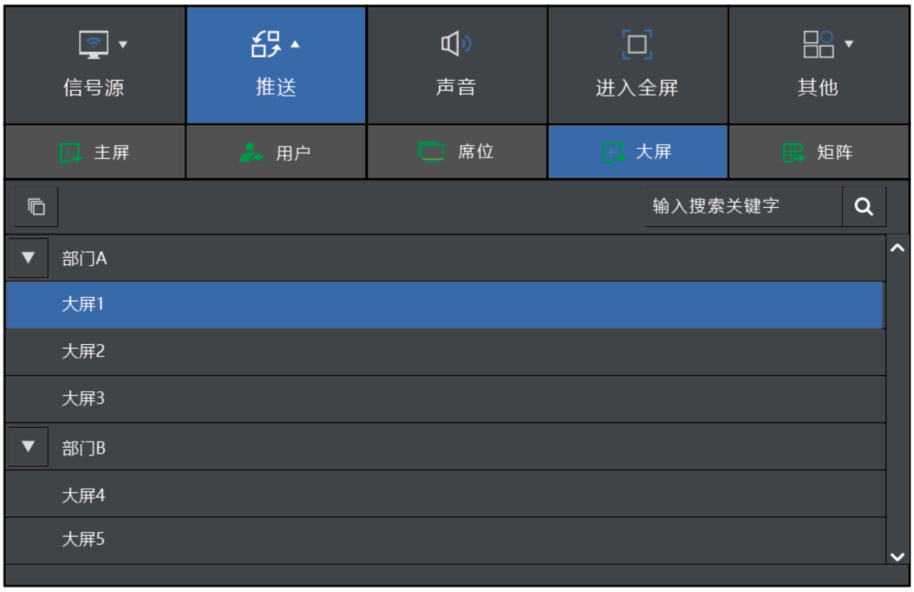

信号源
推送
声音
进入全屏
其他
主屏
用户
席位
大屏
矩阵
输入搜索关键字
默认分组
键鼠权限
1
席位1
2
席位2
席位3
席位4
席位5
3
推送

8.6.4. Push to Video Wall

It can push to the video wall screen in the system, including pushing the whole screen, pushing a single screen, pushing a window, saving the video wall plan, and recalling the video wall preset.

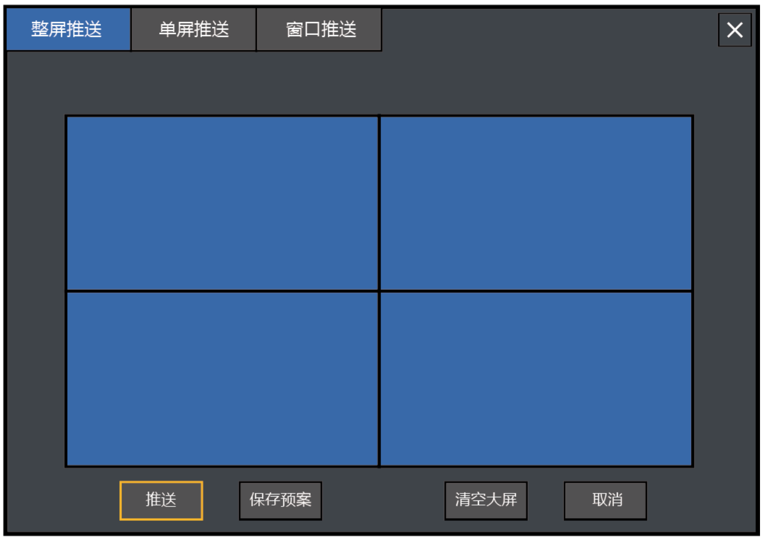
Click on a group of video wall screens in the Video Wall list, and a push settings window will pop up to perform the Video Wall signal push operation.

In the [Push] menu of the [Window Navigation Menu], switch to the "Video Wall" tab, click on a video wall in the video wall list, and a push settings window will pop up to perform the video wall signal push operation.

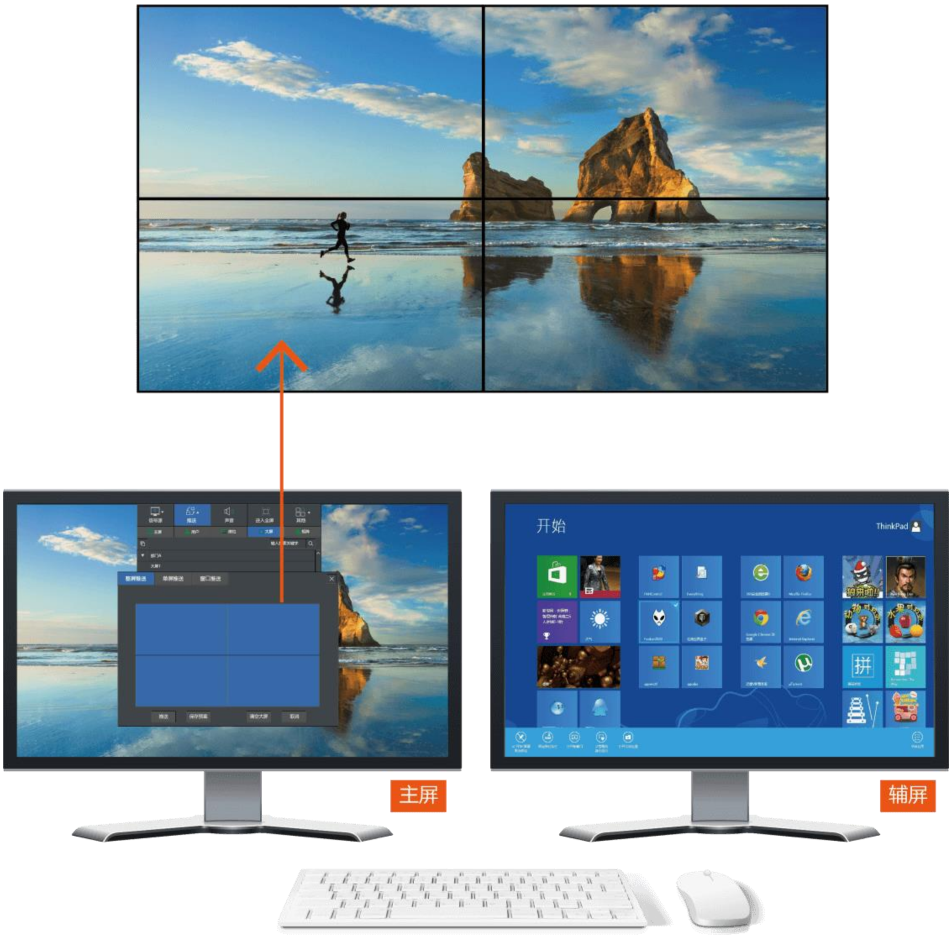

信号源
推送
声音
进入全屏
其他
主屏
用户
席位
大屏
矩阵
输入搜索关键字
部门A
大屏1
大屏2
大屏3
部门B
大屏4
大屏5

- **Push to Full Screen**

  In the "Full Screen Push" tab, click the "Push" button to push the signal from the current station display to the selected video wall for full-screen display.

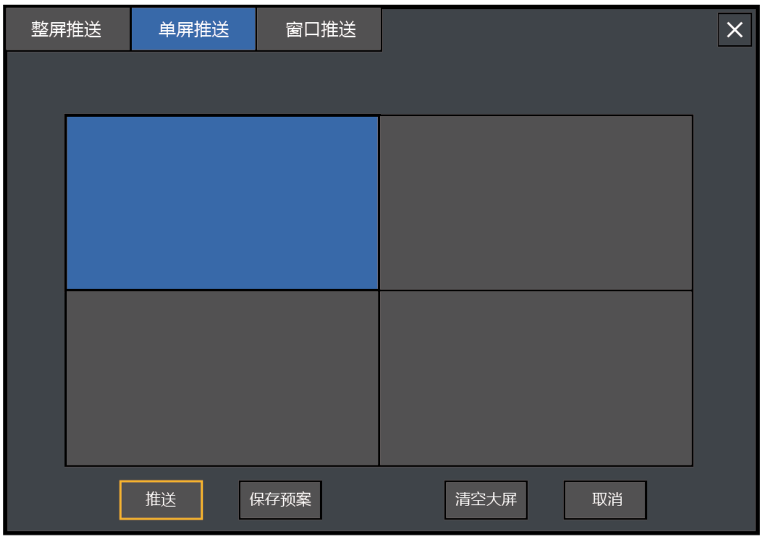

整屏推送
单屏推送
窗口推送
推送
保存预案
清空大屏
取消

The push effect is as follows:

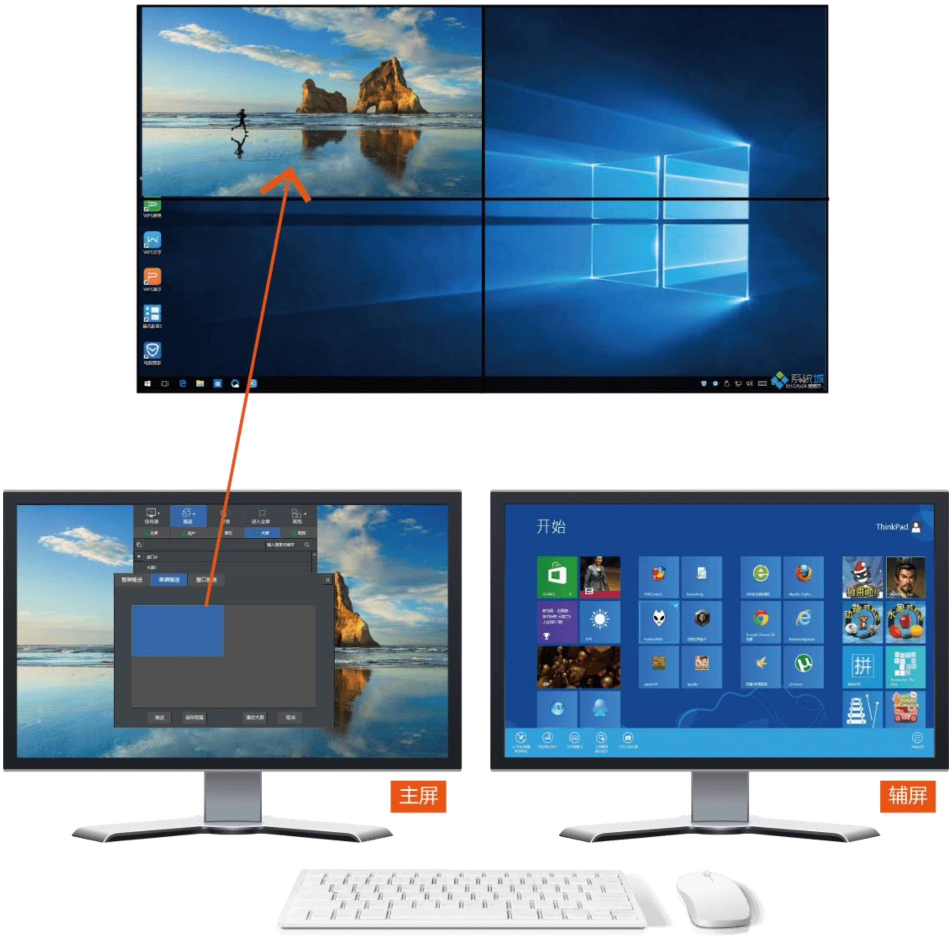

开始
ThinkPad
主屏
辅屏

- **Push to Single Screen**

  In the "Single Screen Push" tab, select a screen and click the "Push" button to push the signal from the current station display to the selected single screen of the video wall.


整屏推送
单屏推送
窗口推送
推送
保存预案
清空大屏
取消

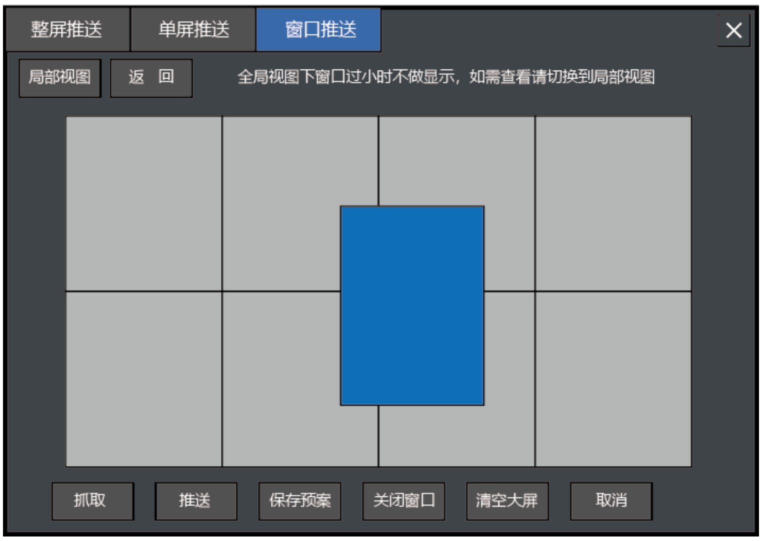
The push effect is as follows:



- **Push to Window**

  In the "Window Push" tab, select a window and click the "Push" button to push the signal from the current station display to the selected window.

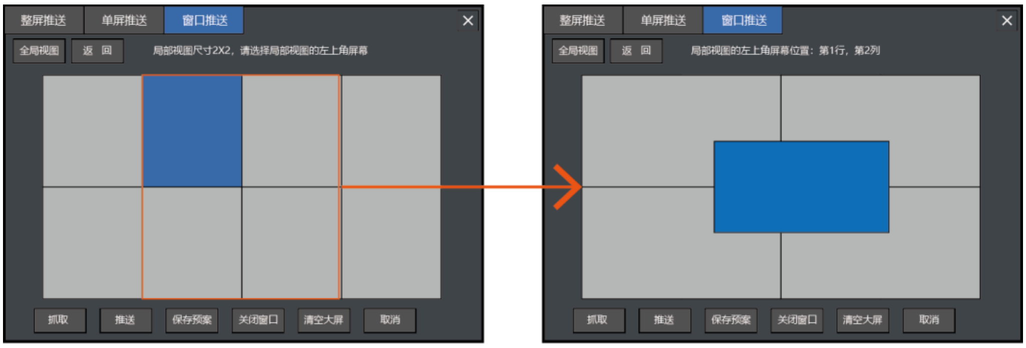
  You can select a window and then click the "Close Window" button to close the selected video wall window.


整屏推送
单屏推送
窗口推送
局部视图
返 回
抓取
推送
保存预案
关闭窗口
清空大屏
取消

全局视图下窗口过小时不做显示，如需查看请切换到局部视图

If the video wall is too large to click on the window on the interface accurately, you can switch to "Partial View". In partial view, you can open a 2x2 screen in the entire video wall and select a window in this 2x2 screen to push.

Click the "Partial View" button, then click on a screen to open a 2x2 partial video wall with that screen as the top left corner. On the partial video wall, click on a window to push it.

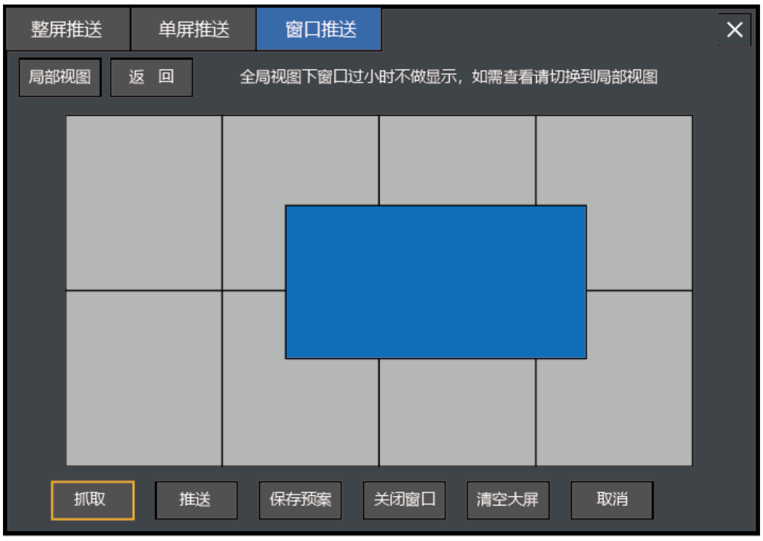

整屏推送
单屏推送
窗口推送
全局视图
返 回
抓取
推送
保存预案
关闭窗口
清空大屏
取消
整屏推送
单屏推送
窗口推送
全局视图
返 回
抓取
推送
保存预案
关闭窗口
清空大屏
取消

局部视图尺寸2X2，请选择局部视图的左上角屏幕

局部视图的左上角屏幕位置：第1行，第2列

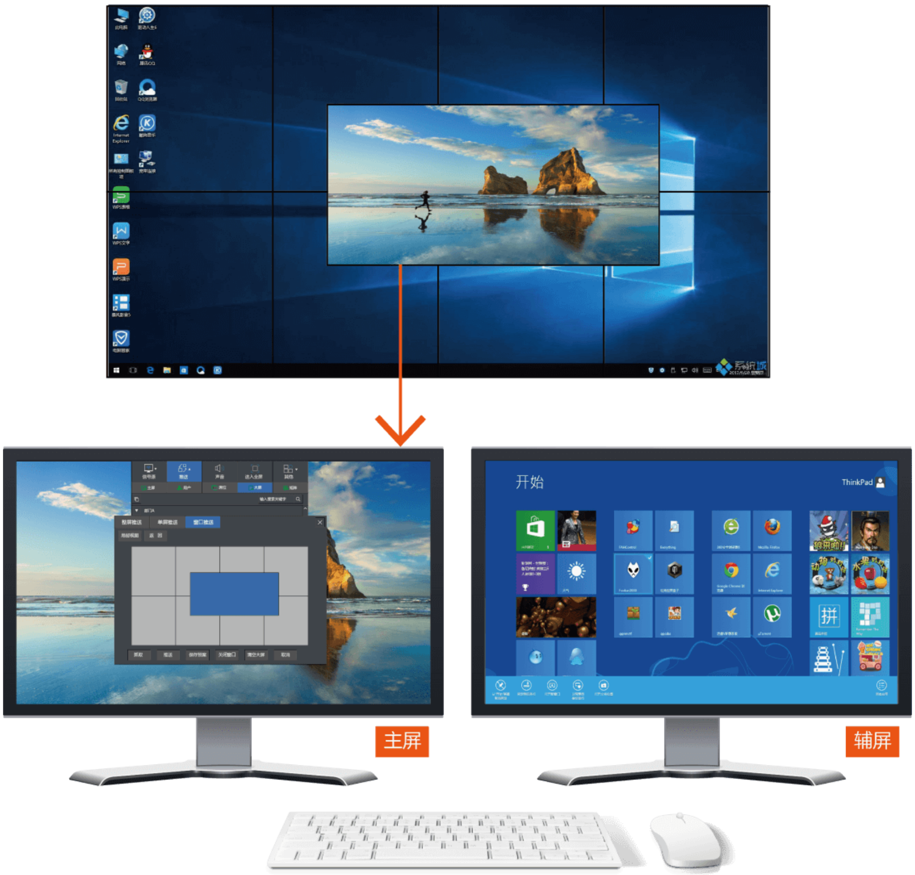
- **Capture**

  On the [Window Push] tab, you can select a window signal and click the "Capture" button to switch the display of this signal to the currently operating station.


整屏推送
单屏推送
窗口推送
局部视图
返 回
抓取
推送
保存预案
关闭窗口
清空大屏
取消

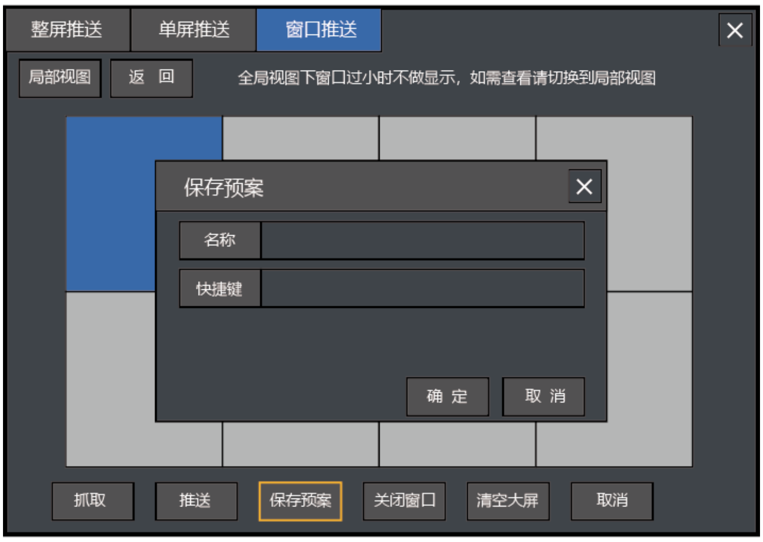
全局视图下窗口过小时不做显示，如需查看请切换到局部视图

The capturing results are as follows:


开始
ThinkPad
主屏
辅屏

- **Save Preset**

After modifying the display layout of the video wall screen via signal push, you can click the "Save Preset" button to save the current screen layout as a preset. The saved preset will be displayed in the main navigation menu [Preset] - [Screen Preset] interface. It is only visible to the user who saved the preset and not to other users. For details, see section 8.9.3 Video Wall Preset.


整屏推送
单屏推送
窗口推送
局部视图
返 回
保存预案
名称
快捷键
确 定
取 消
抓取
推送
保存预案
关闭窗口
清空大屏
取消

全局视图下窗口过小时不做显示，如需查看请切换到局部视图

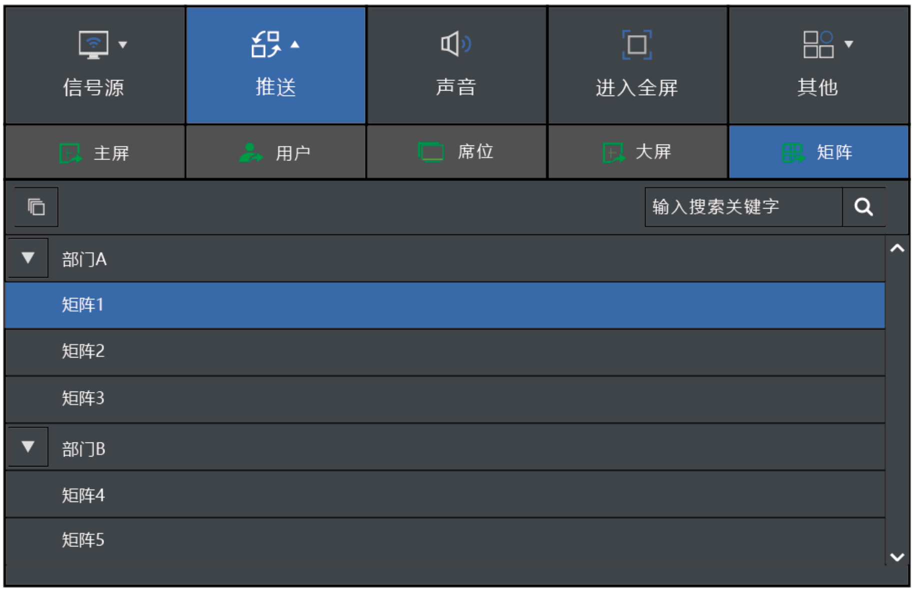
- **Clear the Video Wall**

Clicking the "Clear Video Wall" button will delete all signals on the current screen and clear the display.

8.6.5. Push to Matrix

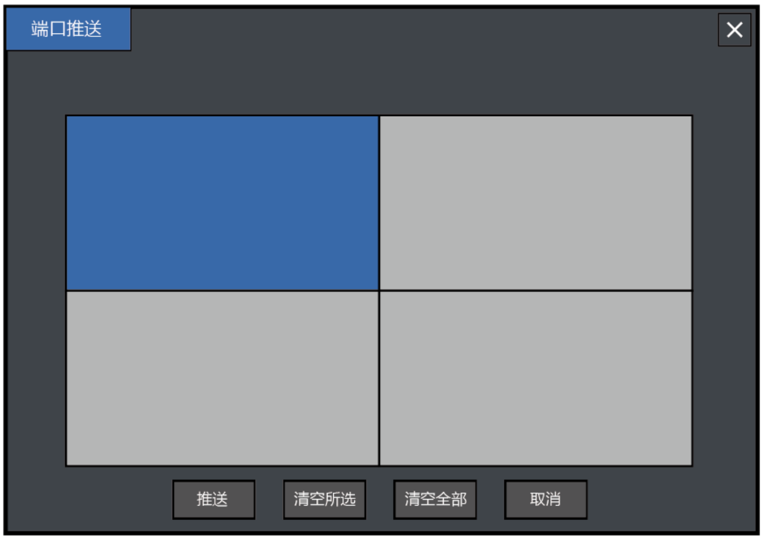
Signals can be pushed from the workstation to the matrix screen in the system. If the matrix screen is set to multi-view, signals can also be pushed to a specific split screen.

In the [Window Navigation Menu], under the [Push] menu, click the "Matrix" option. In the matrix screen list, click on a matrix group to bring up the push settings window and perform matrix signal push operations.

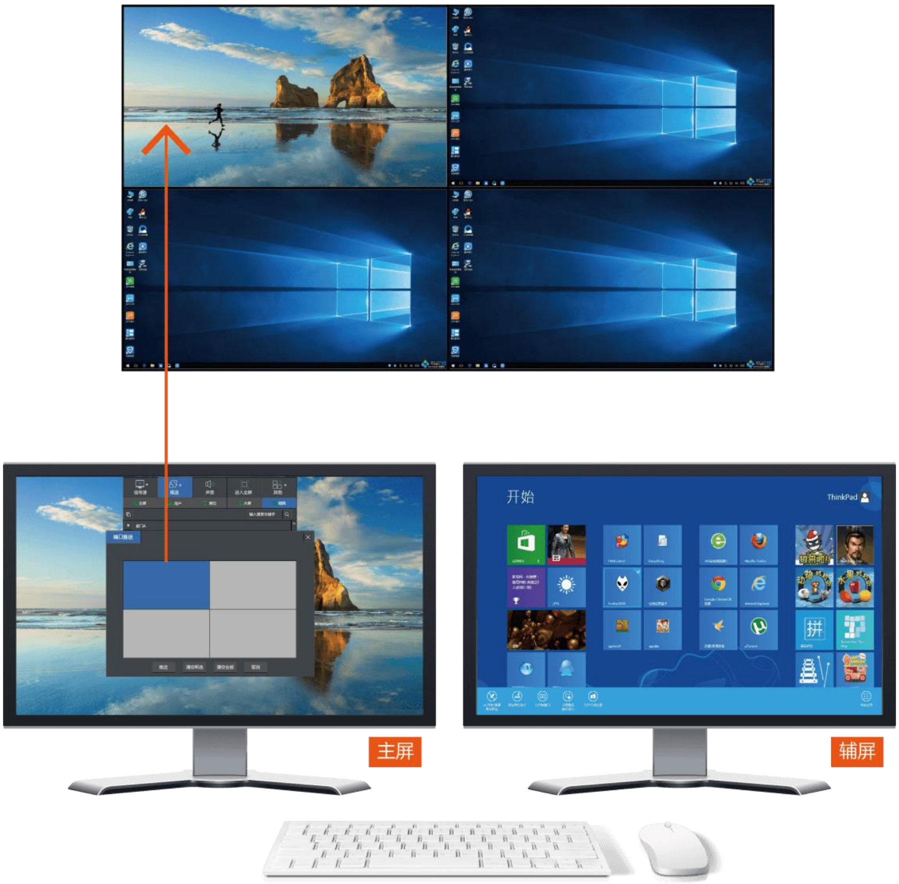

信号源
推送
声音
进入全屏
其他
主屏
用户
席位
大屏
矩阵
输入搜索关键字
部门A
矩阵1
矩阵2
矩阵3
部门B
矩阵4
矩阵5

In the matrix push interface, click to select the screen you want to push to, and then click the "Push" button.

Click the "Clear Selected" button to clear the currently selected screen; click the "Clear All" button to delete all split screens on the current screen.


端口推送
推送
清空所选
清空全部
取消

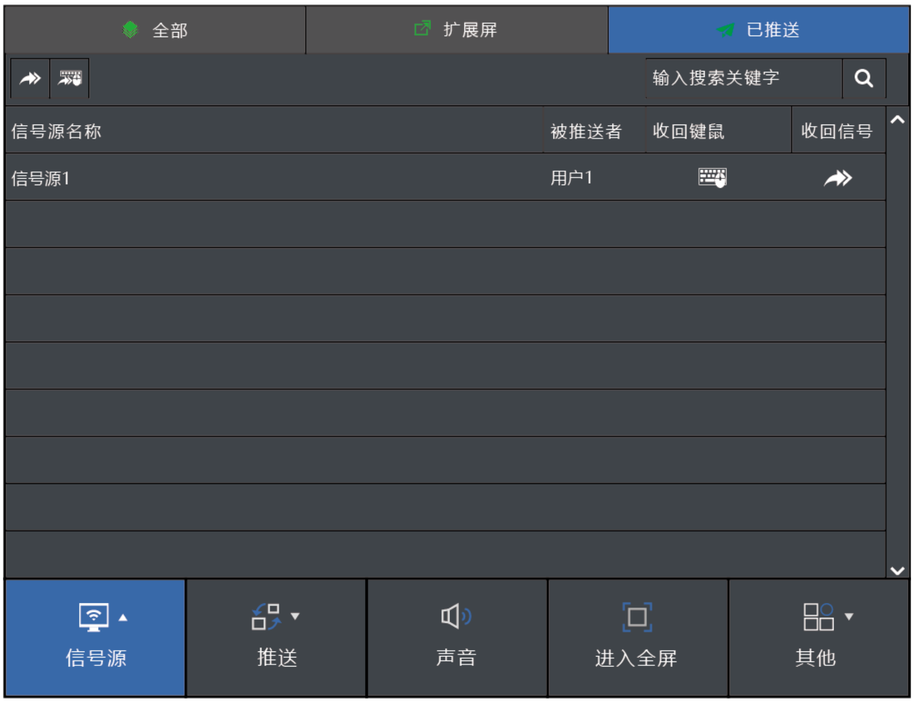
The matrix push effect is as follows:


开始
ThinkPad
主屏
辅屏

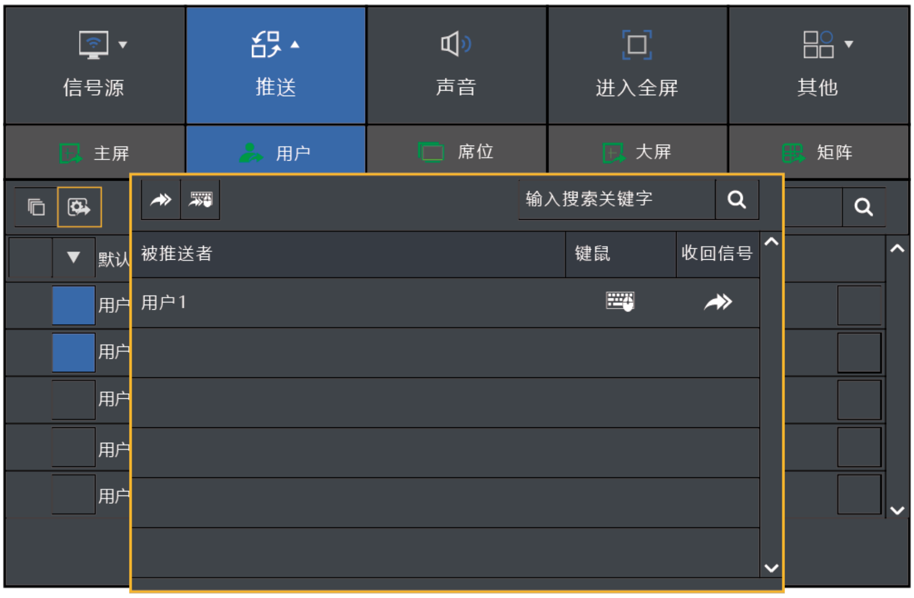
8.6.6. View and Retrieve

In the Signal interface of the Main Navigation Menu, click the Pushed option to view the pushed signals and retract them.

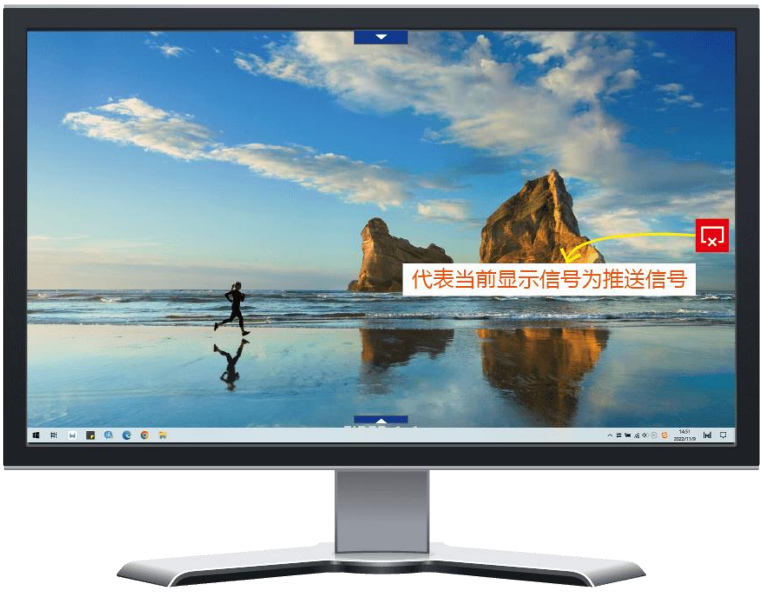
Click ⌨ to revoke keyboard and mouse control, click ➦ to cancel the push signal.


全部
扩展屏
已推送
输入搜索关键字
信号源名称
被推送者
收回键鼠
收回信号
信号源1
用户1
信号源
推送
声音
进入全屏
其他

In the [Push] window of the [Window Navigation Menu], click the "User" or "Station" option. In the opened interface, click the button ⚙ to view the pushed signals and retract them. Click ⌨ to revoke only keyboard and mouse control; click ➦ to cancel the push signal.


信号源
推送
声音
进入全屏
其他
主屏
用户
席位
大屏
矩阵
输入搜索关键字
默认
被推送者
键鼠
收回信号
用户1
用户
用户
用户
用户
用户

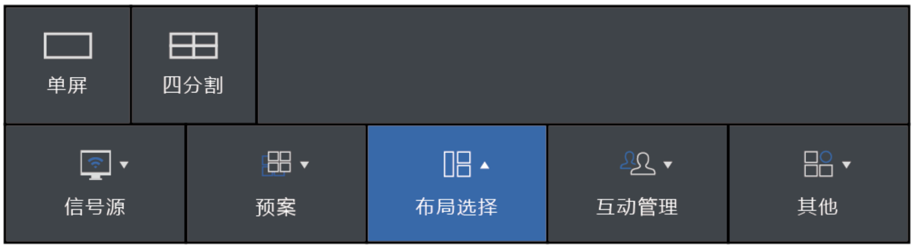
Users who received the pushed signal can click ☒ on the center right side of the screen to exit push mode.



8.7. Layout Settings

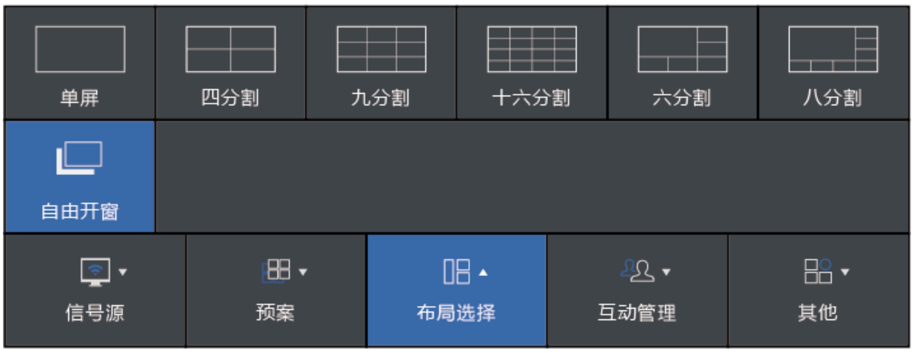
The workstation display screen supports multi-view display, allowing users to view more video source information simultaneously.

In the [Main Navigation Menu], click the "Layout Selection" option and choose either "Single View" or "Quad-View".



OPTIONS	DESCRIPTION
SINGLE VIEW	Each screen displays one signal, which is suitable for situations where there are few signals and the operation of the signals is required.
QUAD-VIEW	Each screen displays four signals. This layout is suitable for situations where there are a large number of signals and real-time monitoring is required.

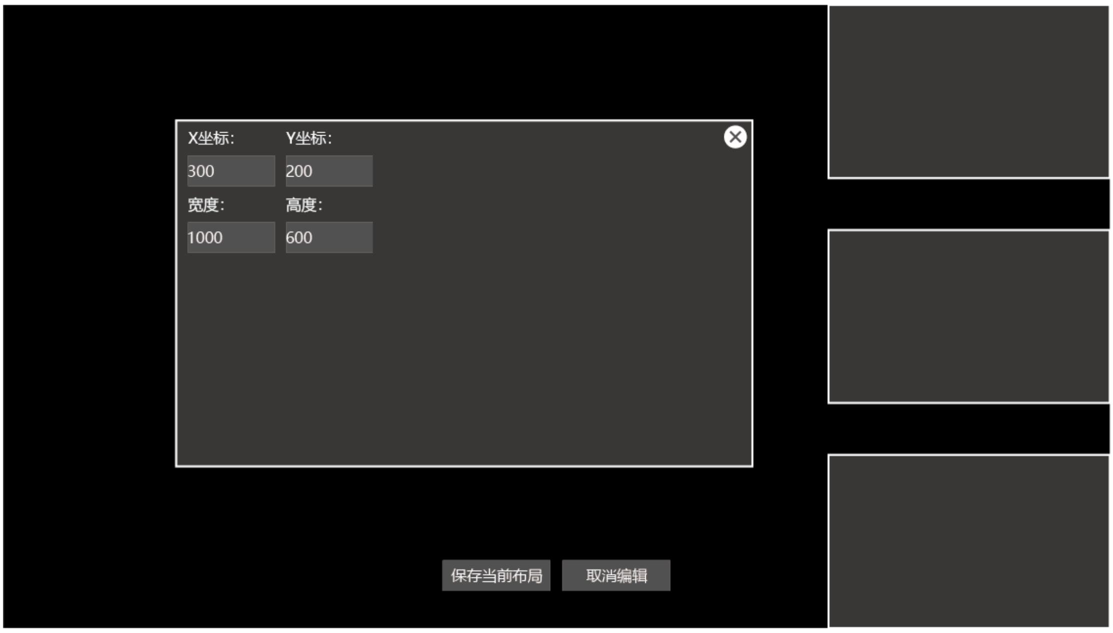
In addition to supporting single-screen and four-split layouts, **the Br-L series 4K60 enhanced workstation decoding node** also supports nine-view, sixteen-view, six-view, eight-view and free windowing layouts.



Click the "Free Window" option, left-click and drag to create windows of different positions and sizes.

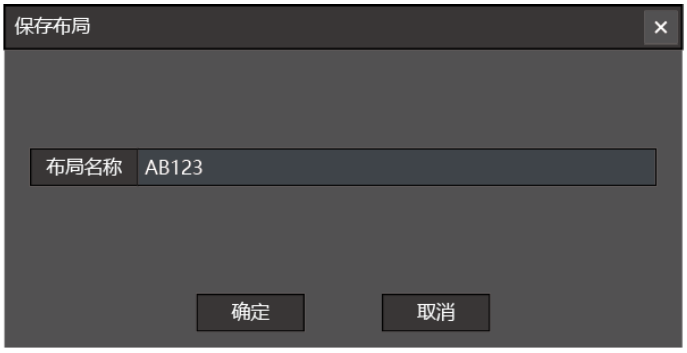
Selecting a window will display its position coordinates and dimensions, allowing you to input precise values to adjust the window.

Click the "Save Current Layout" button, enter a layout name in the dialog box, click the "OK" button to save the layout and return to the "Layout Selection" menu, where the saved layout will be displayed.



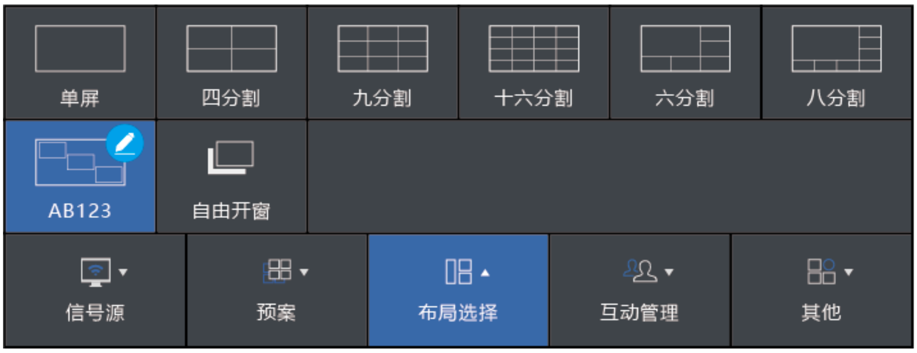
X坐标: 300
Y坐标: 200
宽度: 1000
高度: 600

保存当前布局
取消编辑



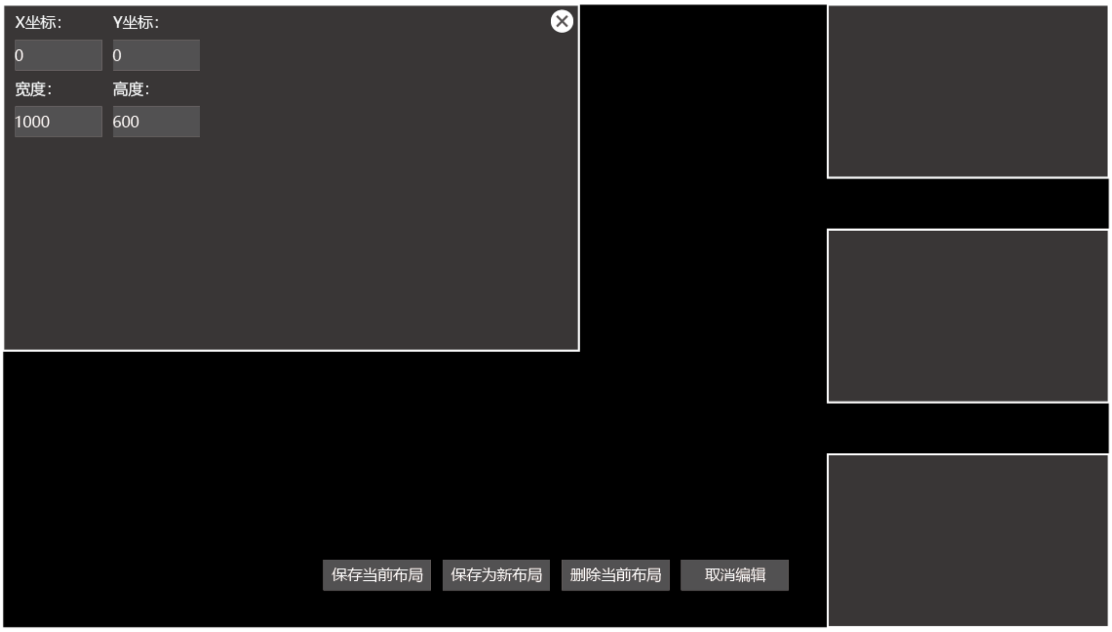
保存布局

布局名称 AB123



单屏
四分割
九分割
十六分割
六分割
八分割
AB123
自由开窗
信号源
预案
布局选择
互动管理
其他

Click 🖉 to modify the layout. After modification, click the "Save Current Layout" button to save the current layout and overwrite the original layout; click the "Save as New Layout" button to save it as a new layout; click the "Delete Current Layout" button to delete this layout.



X坐标: 0

Y坐标: 0

宽度: 1000

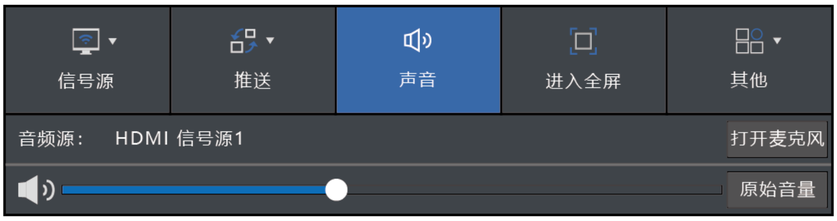
高度: 600

8.8. Sound Settings

It supports turning the speaker output sound on and off, as well as adjusting the volume.

Click the "Sound" option in the [Window Navigation Menu], then click the button 🔊 to change the "On" or "Off" status of the current seat's sound output. Drag the volume bar with your mouse to adjust the volume; drag left to decrease the volume, and drag right to increase the volume.

If you are in four-view mode, you can open the [Window Navigation Menu] for each split screen and adjust the volume of each split screen individually to achieve mixed output.



音频源： HDMI 信号源1

8.9. Preset Management

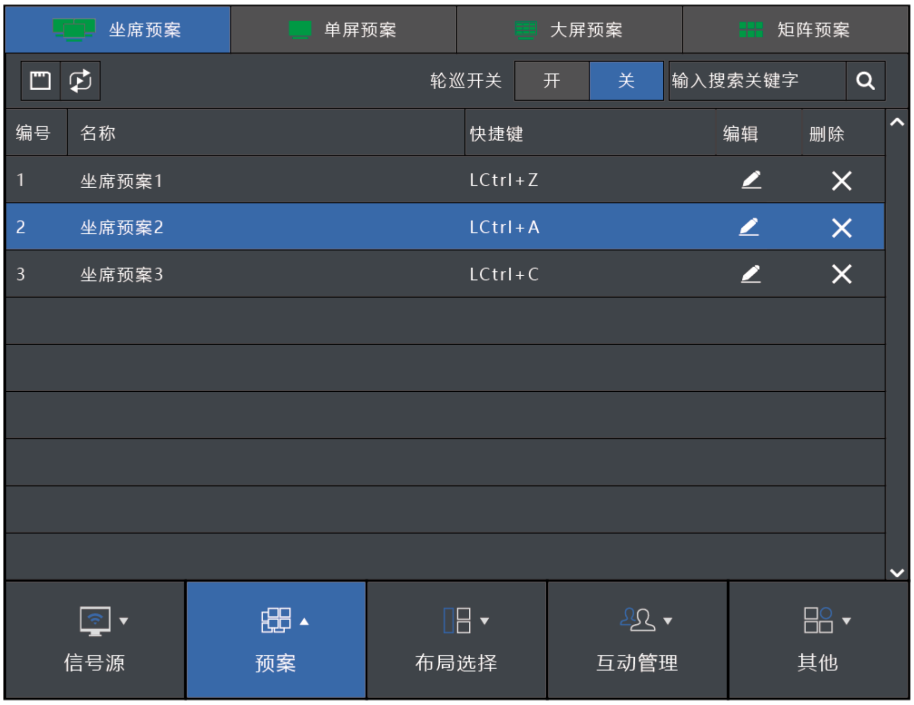
Users can save frequently used modes for daily work as presets and recall them with a single click when a specific mode is needed, eliminating the need for temporary configuration and enhancing work efficiency.

In the "Presets" interface of the "Main Navigation Menu", you can save, recall, and patrol through the plans.

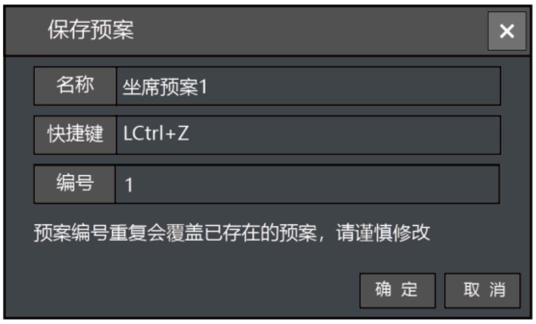
It supports "Single-Screen Preset", "Station Preset", "Video Wall Preset", and "Matrix Preset". The workstation plan saves the layout of all screens of the current workstation as a preset and recalls it. The single-screen plan saves the current screen layout as a plan and calls it. The Video Wall preset calls the video wall screen preset. The matrix preset means to recall the matrix screen preset.

8.9.1. Workstation Preset

1. **Save:** In the [Workstation Preset] tab, click "Save" button 💾, and in the pop-up window, enter the preset name, shortcut key, and other information, then click the "OK" button to save the plan.



编号	名称	快捷键	编辑	删除
1	坐席预案1	LCtrl+Z	✎	✕
2	坐席预案2	LCtrl+A	✎	✕
3	坐席预案3	LCtrl+C	✎	✕



名称 坐席预案1
快捷键 LCtrl+Z
编号 1

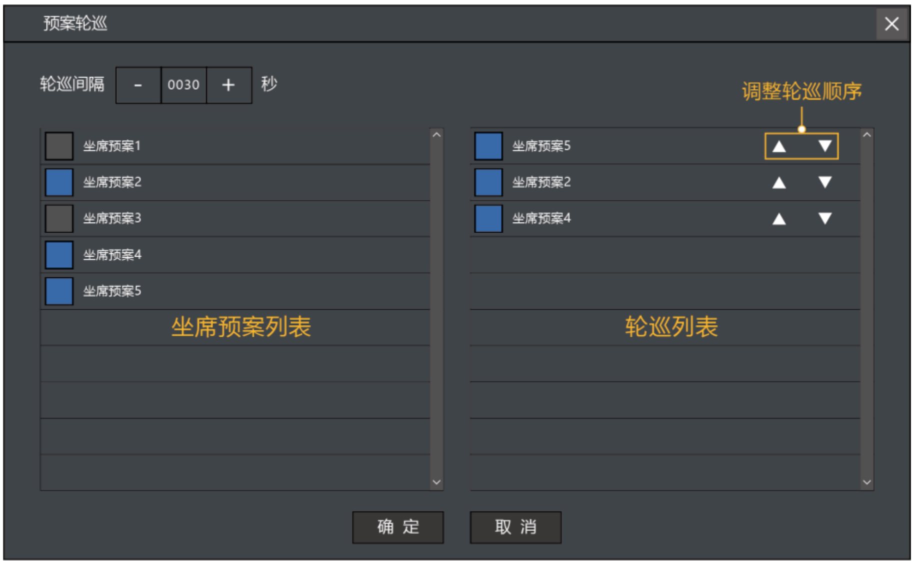
预案编号重复会覆盖已存在的预案，请谨慎修改

2. **Recall:** In the "Workstation Preset" tab, click the plan with your mouse or press the shortcut key.

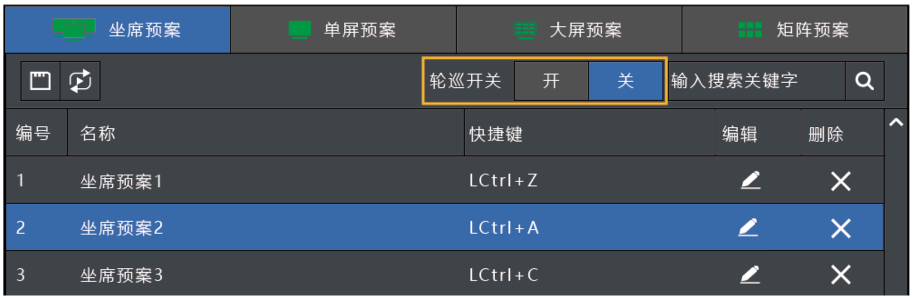
3. **Patrol:** It means that multiple presets are played in turn at fixed time intervals.

    1) In the [Workstation Preset] tab, click the "Patrol" button to open the patrol settings interface;

    2) In the "Workstation Preset List," select the plans that will participate in the patrol. The selected plans will appear in the "Patrol List" on the right. Click ▲▼ to adjust the patrolling order, then set the "Patrolling Interval", and finally click the "OK" button to save the configuration and close the interface;



    3) In the [Workstation Preset] tab, click the "On" button of "Patrol Switch". The station terminal will play the preset content in turn according to the set order. Click the "Off" button to end the patrol.



编号	名称	快捷键	编辑	删除
1	坐席预案1	LCtrl+Z	✎	✕
2	坐席预案2	LCtrl+A	✎	✕
3	坐席预案3	LCtrl+C	✎	✕

8.9.2. Single-Screen Preset

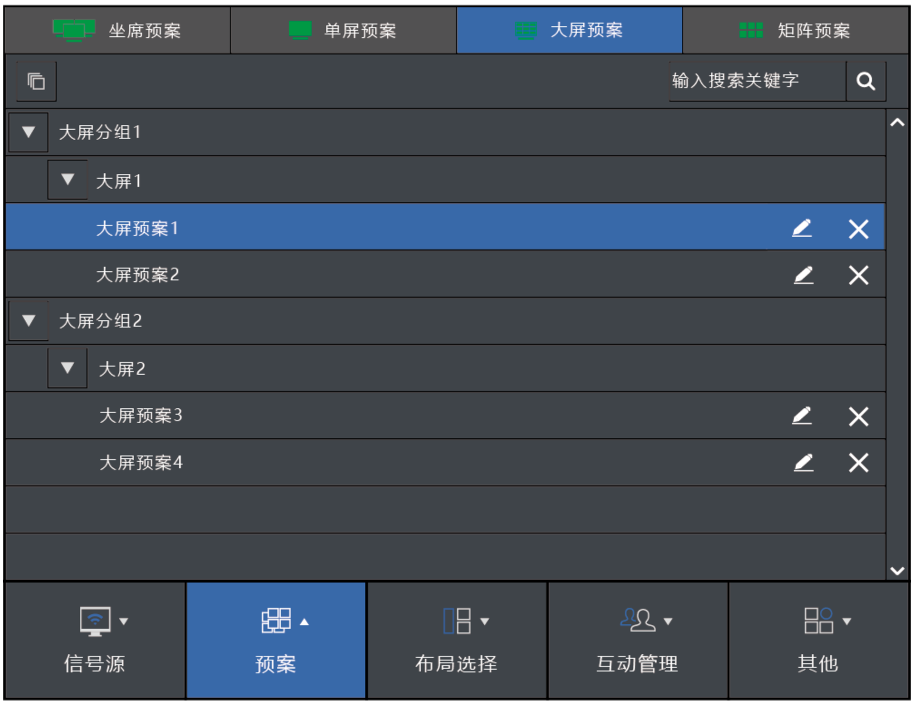
The single-screen preset saves the layout of the currently used station screens as a preset and allows for their recall and patrol. The saving, recall, and patrol operations are the same as the workstation preset; for details, please refer to section 8.9.1 Workstation Preset, which will not be repeated here.

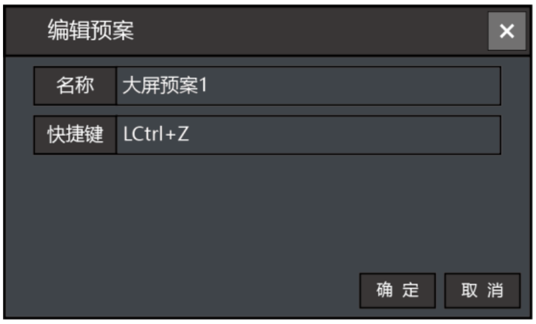
8.9.3. Video Wall Preset

Click on the preset name in the "Video Wall Preset" tab to call it up.

Click ✎ to modify information about the video wall preset, including the display name and shortcut key.

For saving the video wall preset, please refer to the preset saving in [8.6.4 Push to Video Wall.](#)


坐席预案
单屏预案
大屏预案
矩阵预案
输入搜索关键字
大屏分组1
大屏1
大屏预案1
大屏预案2
大屏分组2
大屏2
大屏预案3
大屏预案4
信号源
预案
布局选择
互动管理
其他



名称 大屏预案1

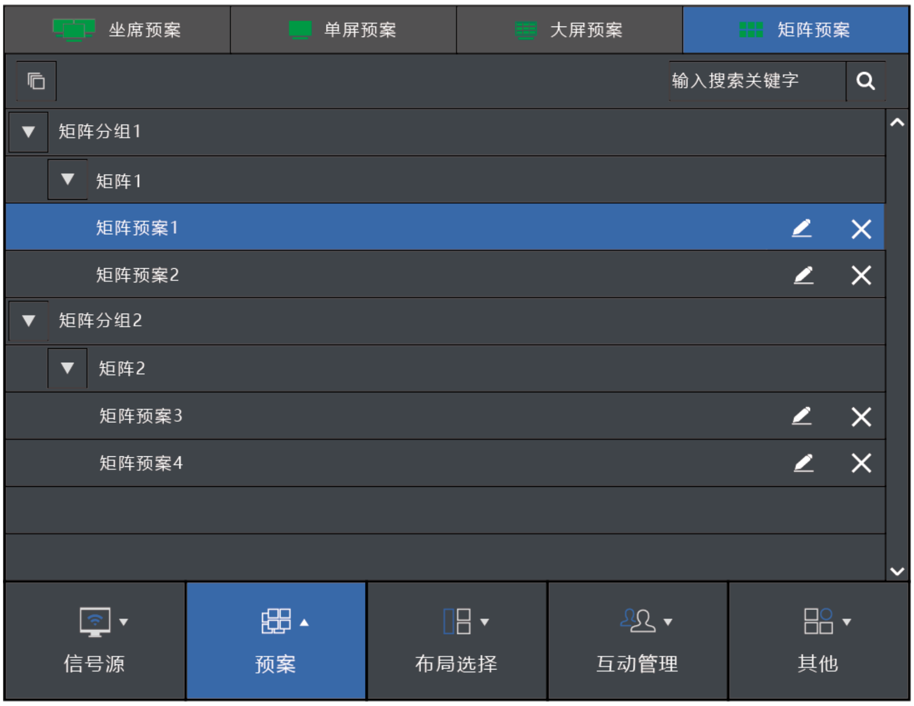
快捷键 LCtrl+Z

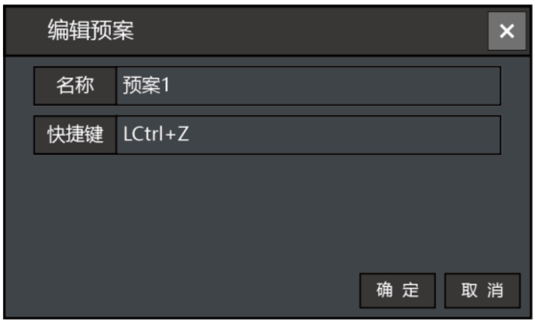
8.9.4. Matrix Preset

Click the name of the matrix plan in the [Matrix Preset] tab to call it up.

Click ✎ to modify information about the matrix plan, including the display name and shortcut key.

The matrix preset can be set in the web software. For details, please refer to [2.2.3 Scene Management](#).


坐席预案
单屏预案
大屏预案
矩阵预案
输入搜索关键字
矩阵分组1
矩阵1
矩阵预案1
矩阵预案2
矩阵分组2
矩阵2
矩阵预案3
矩阵预案4
信号源
预案
布局选择
互动管理
其他



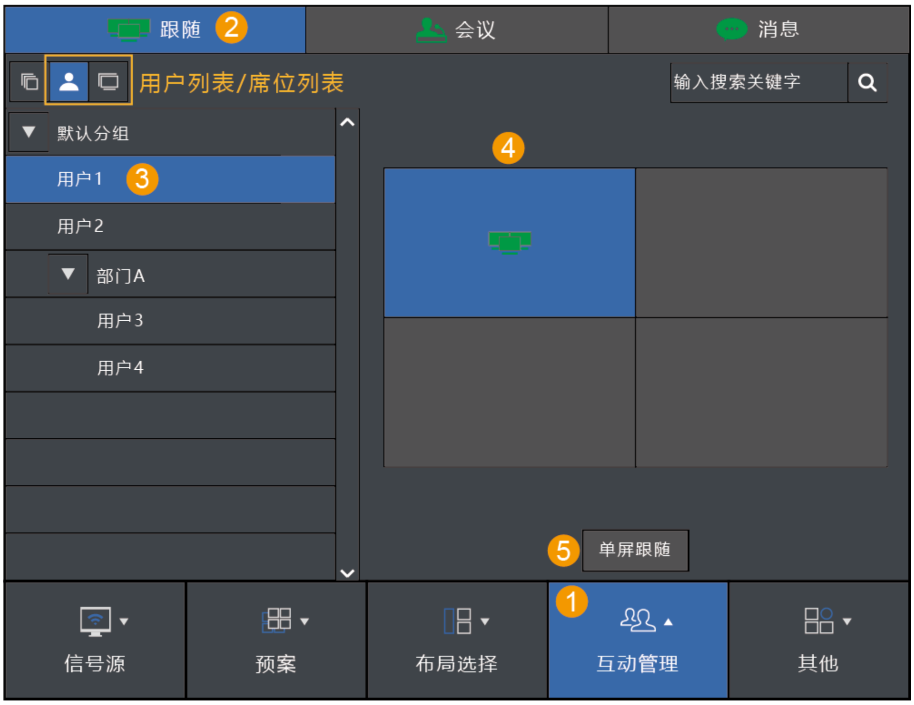
名称 预案1

快捷键 LCtrl+Z

8.10. Following

The following function allows you to view a specific screen from other users in real time, enabling you to understand how they are interacting with a particular signal. An example of how to use it is shown below:

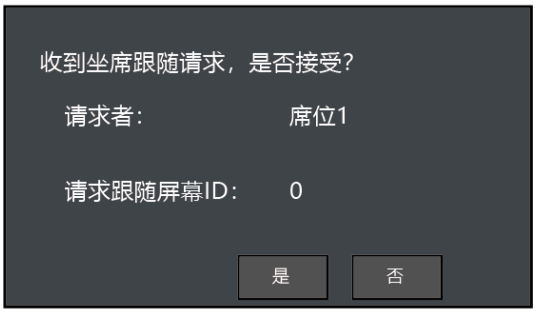
1. On the main navigation menu of one of the screens in "Station 1" (regardless of whether it is the main screen or a non-main screen, referred to here as "following screen"), click the "Interaction Management" option;
2. Click the "Follow" option, and then you can choose to follow a station or follow a user;
3. Select a station or user from the station list or user list, select the screen you want to follow, and click the "Single Screen Follow" button;



席位1

A follow request window will pop up on the main screen of "Station 2". Click the "Yes" button and the screen of "Station 1" will display the screen of "Station 2" in real time (high-privilege users do not need to request when following low-privilege users and can follow directly).

Click ⇥ on the center right side of the "Follow Screen" for "Station 1". The icon indicates that you can exit follow mode.


收到坐席跟随请求，是否接受？

请求者：席位1

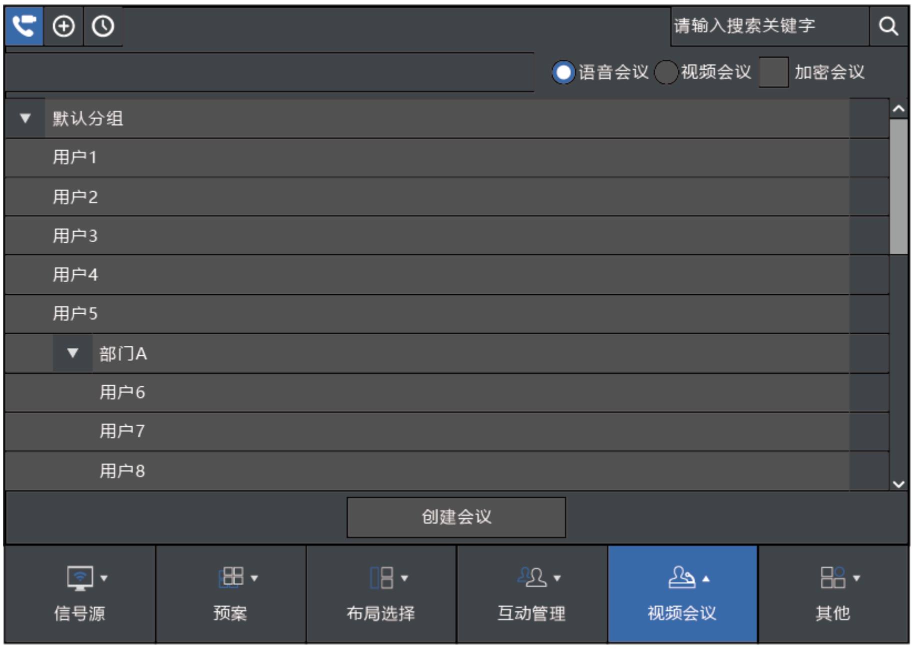
请求跟随屏幕ID：0

席位2

8.11. Workstation Conference

The Br-L series 4K60 enhanced workstation decoding node supports workstation conferencing functionality; simply configure the node as a station on the web software to use it.

Click the "Video Conference" option in the [Main Navigation Menu] on the main screen to enter the meeting management interface.

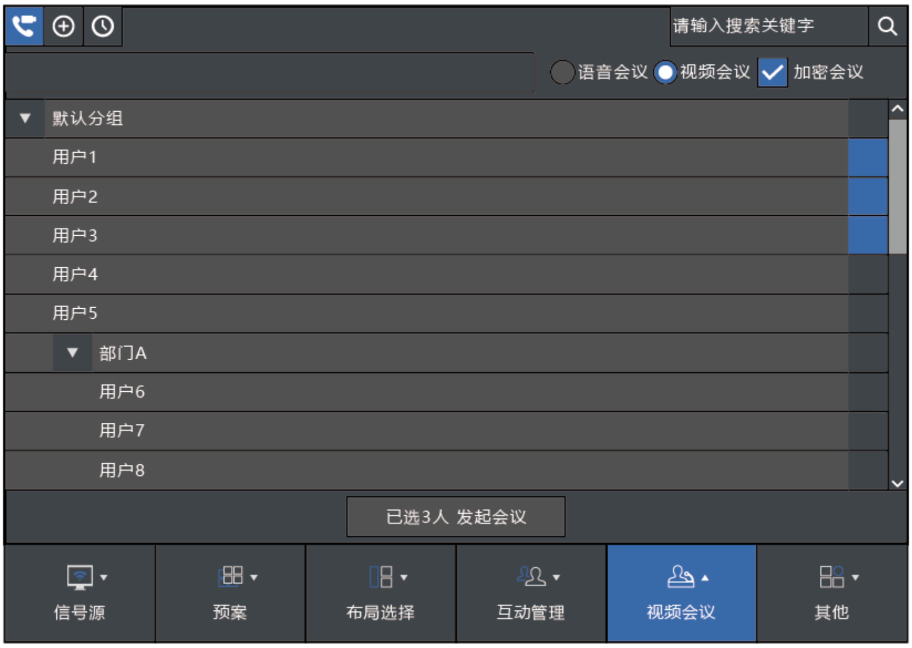

请输入搜索关键字
● 语音会议
○ 视频会议
☐ 加密会议
默认分组
用户1
用户2
用户3
用户4
用户5
部门A
用户6
用户7
用户8
创建会议
信号源
预案
布局选择
互动管理
视频会议
其他

8.11.1. Initiate Conference

It supports two meeting types: video conferencing and audio conferencing, and supports meeting encryption.

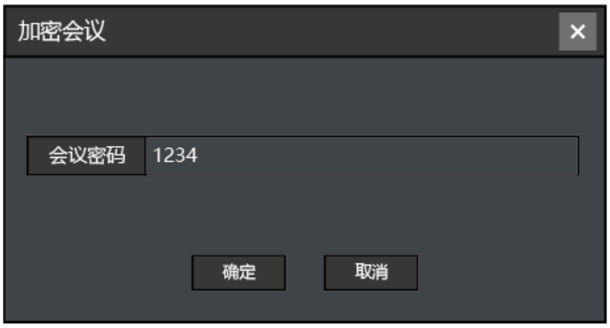
The steps to create a meeting are as follows:

1. **Select the meeting type:** audio conference or video conference. Here, we will use video conferencing as an example.
2. **Configure encryption:** Check "Encrypt Meeting" to encrypt the meeting. Before starting the meeting, you need to set a password for the participants. The participants need to enter the password to enter the meeting. Skip this step if you do not encrypt.
3. **Select members:** Check the meeting members in the [User List];
4. **Initiate a meeting:** Click the "Initiate Conference" button to send meeting invitations to meeting members.



○ 语音会议 ● 视频会议 ☑ 加密会议

If the meeting is encrypted, a password must be set to join.

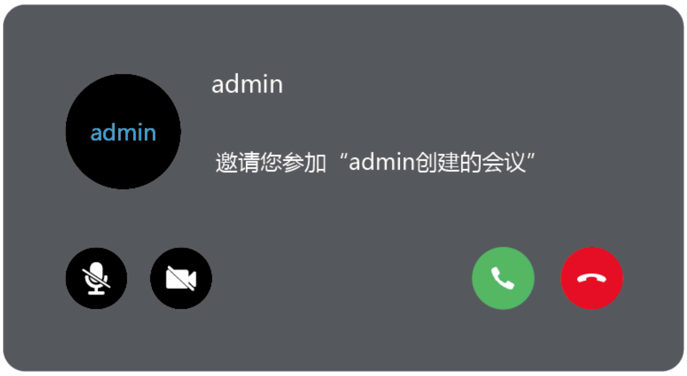


会议密码 1234

Meeting participants received a meeting invitation and clicked ☎ button to join the video conference.

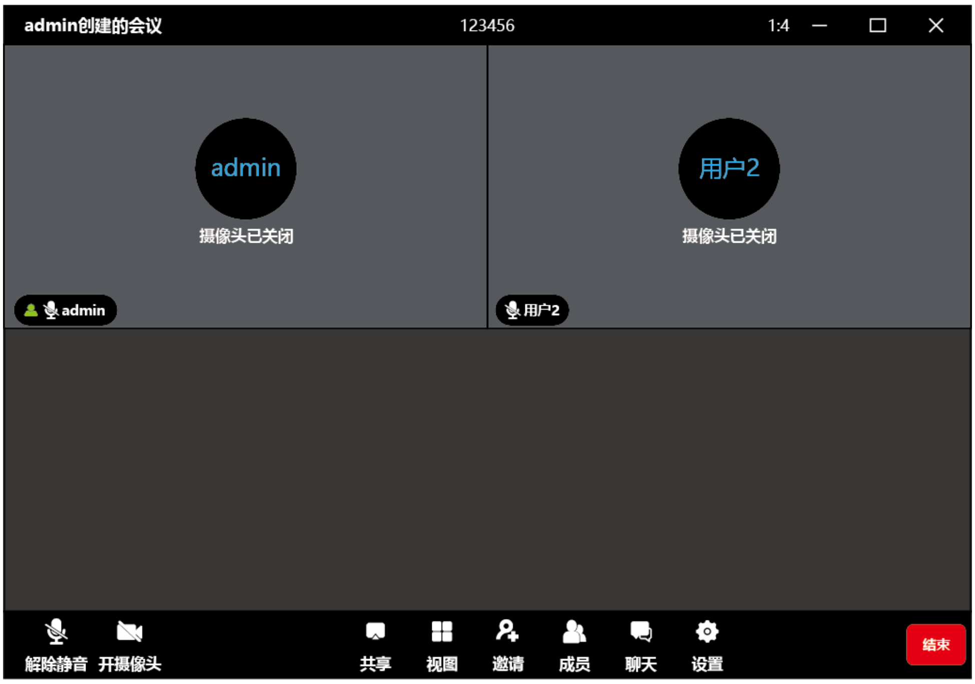
Click ☎ button to decline the meeting. You can rejoin the meeting through the "Join Meeting" interface. For details, see 8.11.4 Join Conference.

You can set the microphone and camera status after joining the meeting on this interface: click button to turn the microphone on/off, and click button to turn the camera on/off.


admin
admin

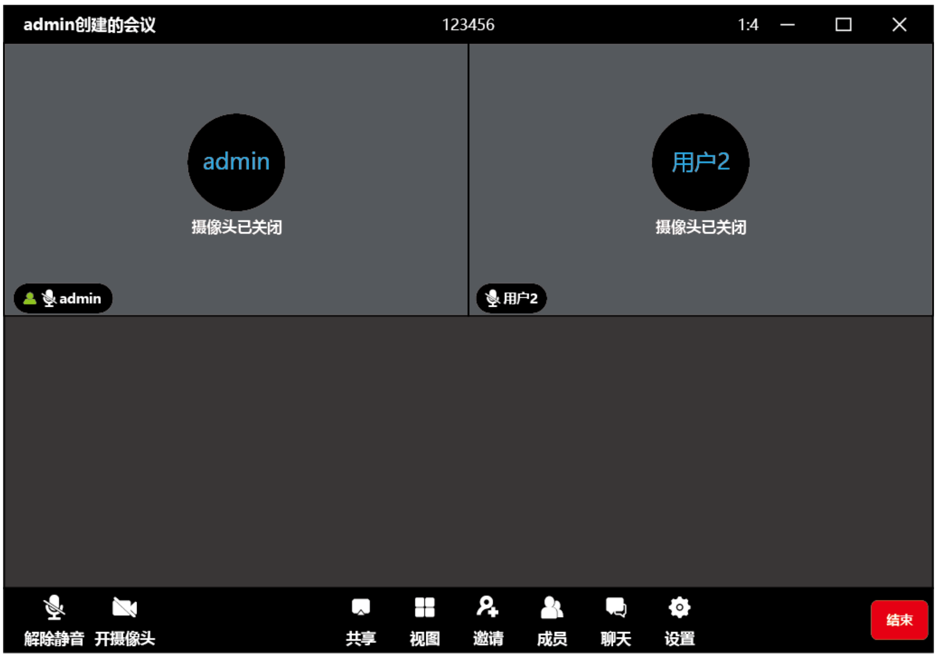
邀请您参加 “admin创建的会议”

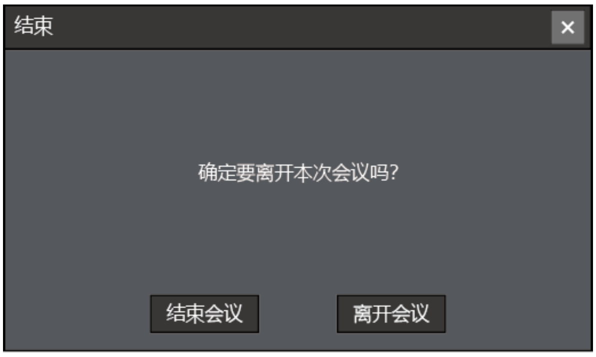
The video conference interface for the meeting host is shown below. There is no "Invite" button in the meeting interfaces of other participants.


admin创建的会议
123456
1:4
admin
摄像头已关闭
用户2
摄像头已关闭
admin
用户2
解除静音
开摄像头
共享
视图
邀请
成员
聊天
设置
结束

8.11.2. End Conference

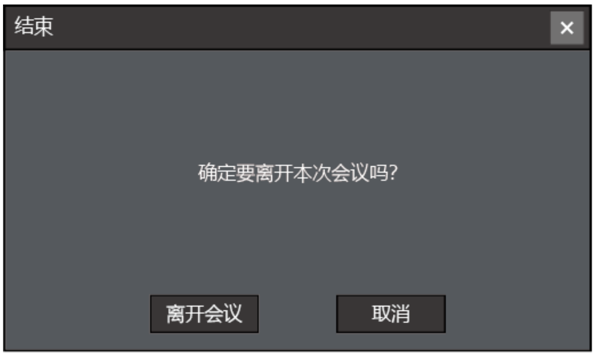
The host can click the "End" button in the lower right corner to choose to "End Conference" or "Leave Conference".


admin创建的会议
123456
1:4
admin
摄像头已关闭
用户2
摄像头已关闭
admin
用户2
解除静音
开摄像头
共享
视图
邀请
成员
聊天
设置
结束


结束
结束会议
离开会议

确定要离开本次会议吗?

Non-hosts who click "End" in the lower right corner choose to "Leave Conference" or "Cancel".



确定要离开本次会议吗?

PROJECT	DESCRIPTION
END MEETING	This meeting is now adjourned.
LEAVE MEETING	If you temporarily leave the meeting, you can rejoin the meeting using the "Join Conference". See section 8.11.4 Join Conference for details. The software will automatically assign a new meeting host after the host leaves the meeting.

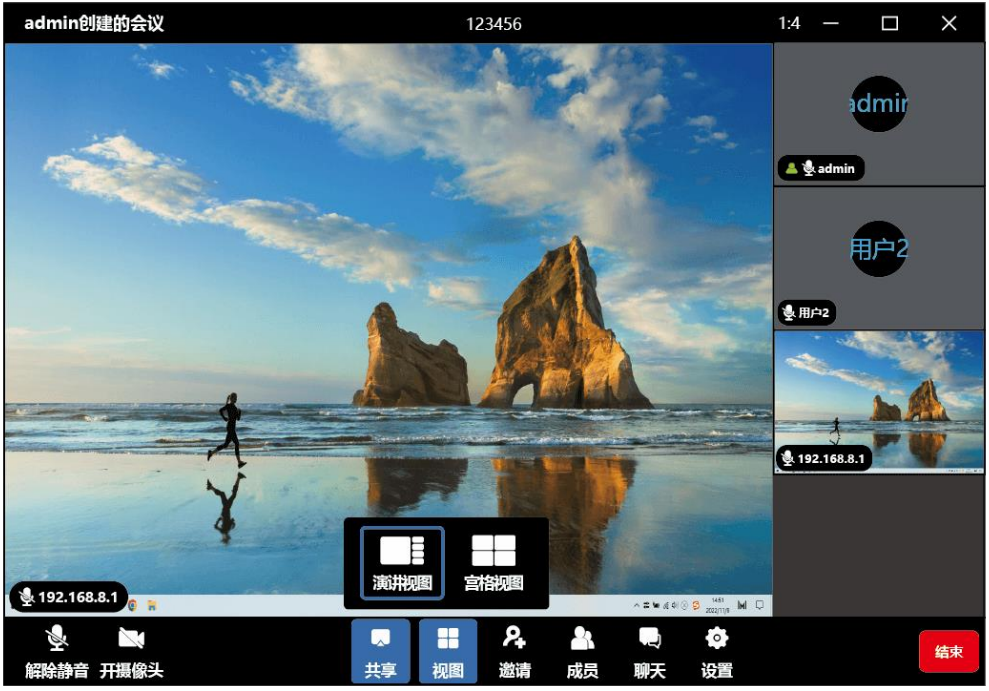
8.11.3. Conference Function Description

8.11.3.1. Switch Views

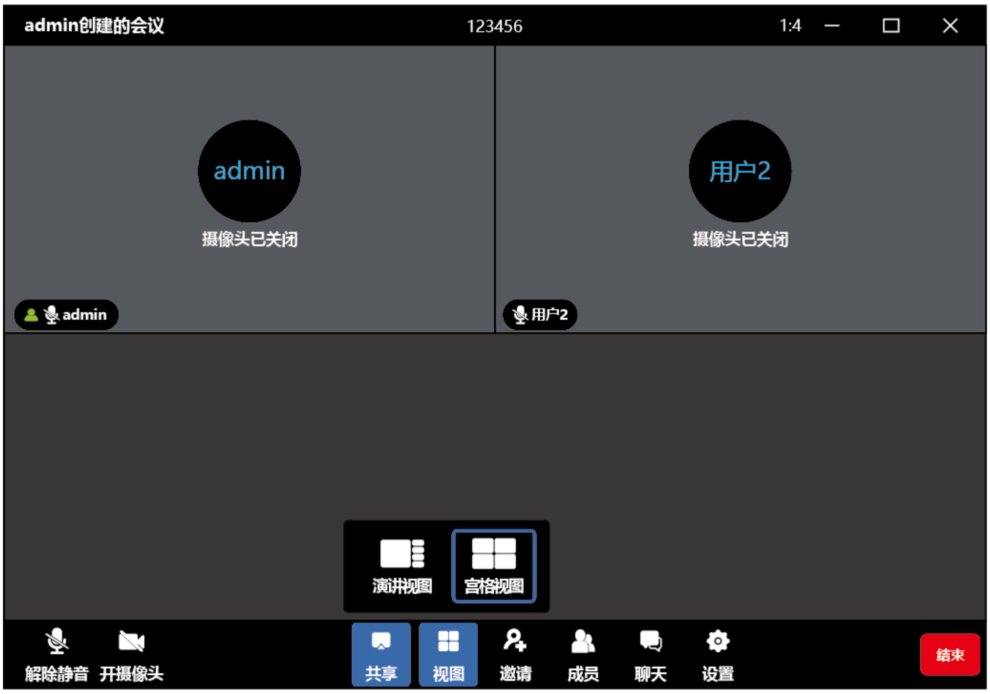
In the meeting interface, click the "View" button to switch between "Speaker View" and "Grid View".

Note: This feature is supported in video conferencing, but not in audio conferencing.

Speaker View


admin创建的会议
123456
1:4
admin
admin
用户2
用户2
192.168.8.1
192.168.8.1
演讲视图
宫格视图
解除静音
开摄像头
共享
视图
邀请
成员
聊天
设置
结束

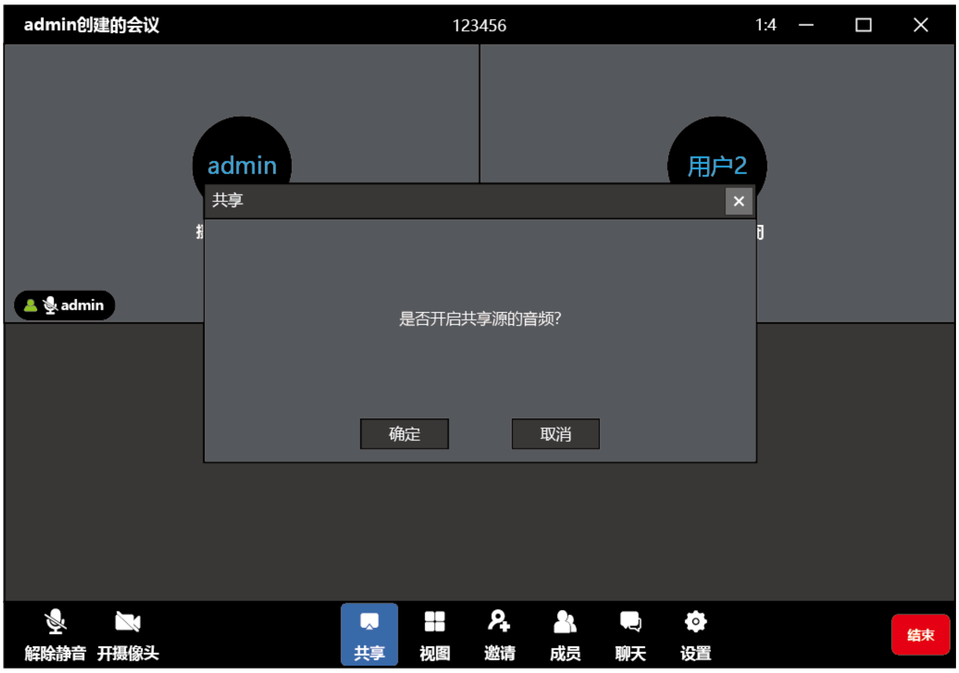
Grid View


admin创建的会议
123456
1:4
admin
摄像头已关闭
用户2
摄像头已关闭
admin
用户2
演讲视图
宫格视图
解除静音
开摄像头
共享
视图
邀请
成员
聊天
设置
结束

8.11.3.2. Screen Sharing

Clicking the "Share" button on the meeting interface will share the current signal on your station screen with other participants in the meeting in real time. Users can choose whether to enable shared audio. When the station layout is "Quad-View", the signal in the upper left window will be shared. Click the "Share" button again to end the sharing process.

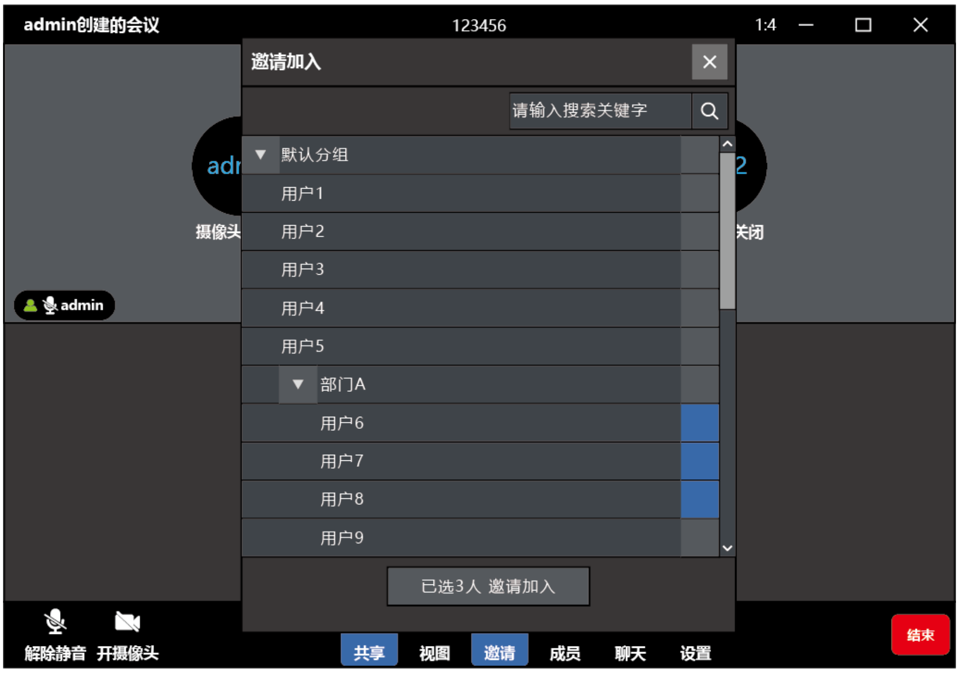
Note: This feature is supported in video conferencing, but not in audio conferencing.


admin创建的会议
123456
1:4
admin
用户2
共享
admin
确定
取消
解除静音
开摄像头
共享
视图
邀请
成员
聊天
设置
结束

是否开启共享源的音频?

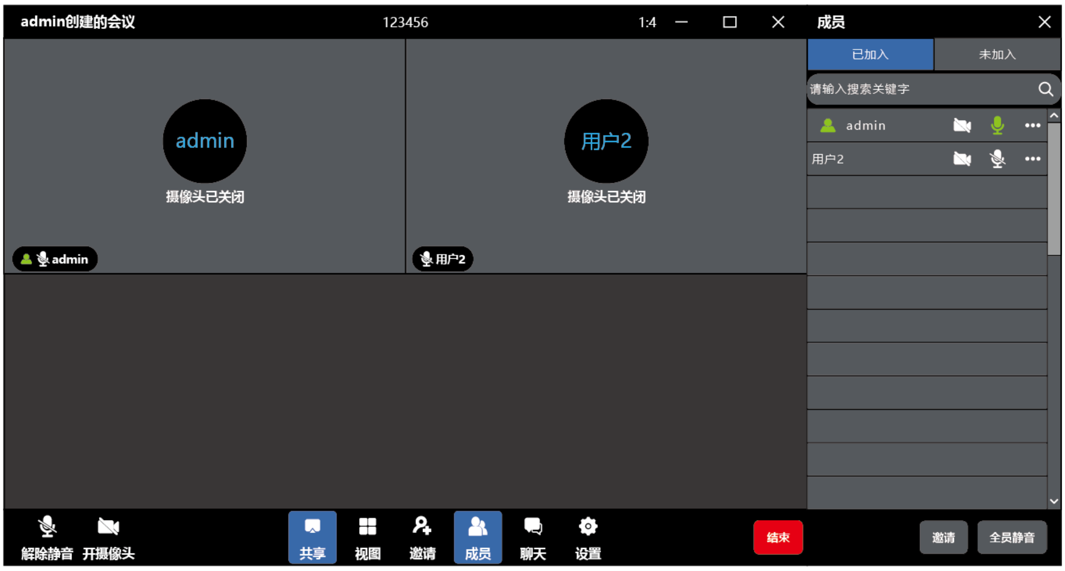
8.11.3.3. Invite to Join Conference

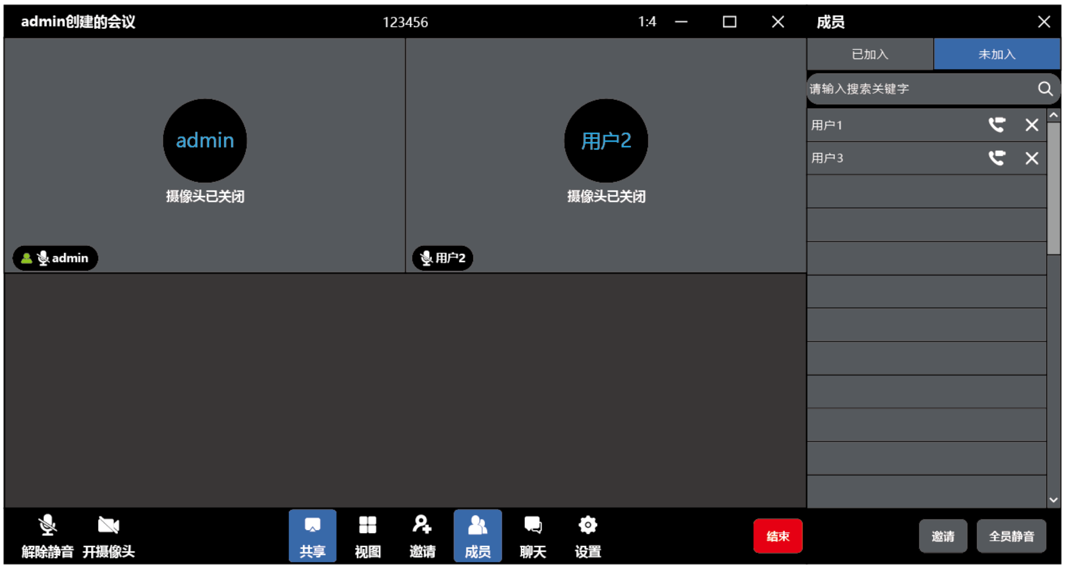
The meeting host can invite other participants from the meeting interface. Click the "Invite" button, select users from the user list, and then click the "Invite to Join" button to send meeting invitations to the selected users.


admin创建的会议
123456
1:4
邀请加入
请输入搜索关键字
默认分组
用户1
用户2
用户3
用户4
用户5
部门A
用户6
用户7
用户8
用户9
已选3人 邀请加入
摄像头
关闭
admin
解除静音
开摄像头
共享
视图
邀请
成员
聊天
设置
结束

8.11.3.4. Member Viewing and Management

Clicking the "Members" button on the meeting interface allows you to view "Joined" and "Not Joined" members, and control the microphone and camera of participating members to be turned on/off.


admin创建的会议
123456
1:4
成员
已加入
未加入
请输入搜索关键字
admin
用户2
admin
用户2
摄像头已关闭
摄像头已关闭
admin
用户2
解除静音
开摄像头
共享
视图
邀请
成员
聊天
设置
结束
邀请
全员静音

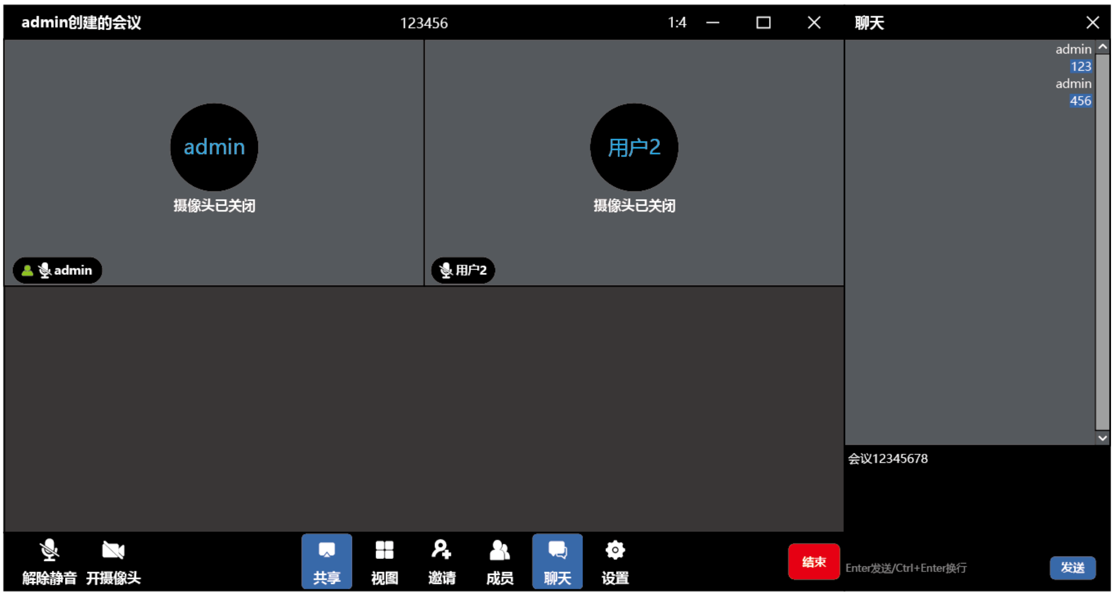

admin创建的会议
123456
1:4
成员
已加入
未加入
请输入搜索关键字
用户1
用户3
admin
用户2
摄像头已关闭
摄像头已关闭
admin
用户2
解除静音
开摄像头
共享
视图
邀请
成员
聊天
设置
结束
邀请
全员静音

BUTTON	**FUNCTION DESCRIPTION**	**PERMISSIONS DESCRIPTION**
🎤	Click to turn the microphone on/off.	The meeting facilitator has control over all participants; Other participants can only control themselves.
📹	Click to turn the camera on/off.	
•••	Click to modify the participant's displayed name.	All participants have access privileges.
📞	Click to call members who have not joined.	
✕	Click to remove a member from the "Not Joined" list.	
INVITE	Click to send a meeting invitation to other users.	Only the meeting host has this permission.
MUTE EVERYONE	Click to mute microphones for all users; you can choose whether to force it. Force all participants to mute: participants are not allowed to unmute themselves. Mute all participants: participants are allowed to unmute themselves at will.	

8.11.3.5. Chatting

Clicking the "Chat" button on the meeting interface will open a dialog box for text message interaction with other participants.

Note: This feature is supported in video conferencing, but not in audio conferencing.

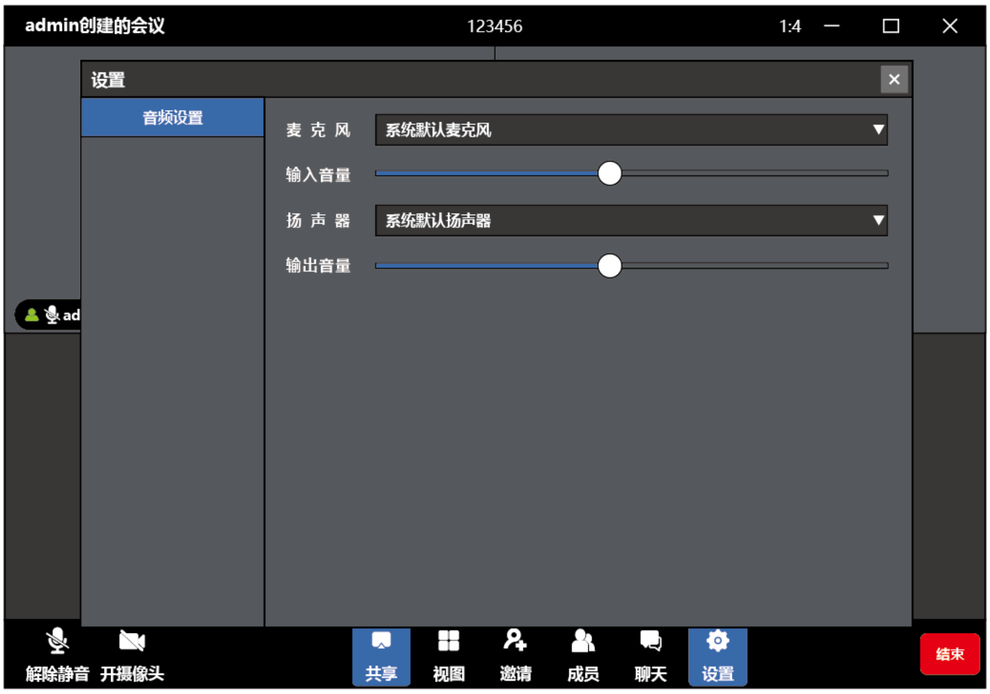


admin
123
admin
456

会议12345678

8.11.3.6. Settings

Click the "Settings" button on the meeting interface to configure the microphone and speaker.



麦 克 风: 系统默认麦克风

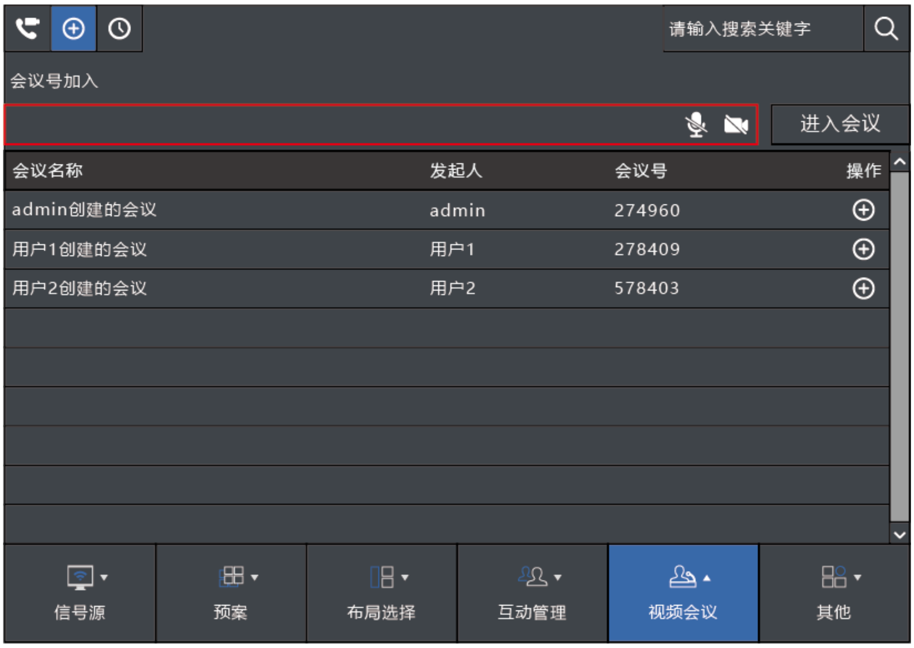
扬 声 器: 系统默认扬声器

admin创建的会议
123456
1:4
设置
音频设置
输入音量
输出音量
ad
解除静音
开摄像头
共享
视图
邀请
成员
聊天
设置
结束

8.11.4. Join Conference

If a user leaves the meeting midway or does not receive a meeting invitation, they can rejoin the meeting using the "Join Meeting" function. The software operation is as follows:

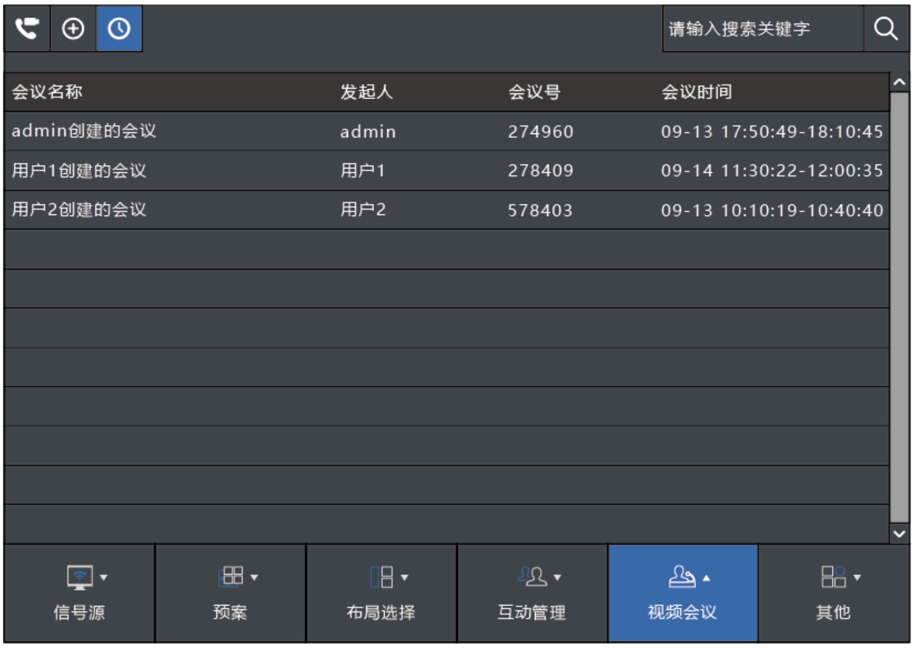
In the OSD menu, under the "Video Conference" interface, click the button ⊕ in the upper left corner to switch to the "Join Conference" tab. The list displays the meetings you have received invitations to. Click the button ⊕ to join the meeting; alternatively, you can enter the meeting number in the red box area shown in the image, and click the 🎙 or 📷 buttons to turn the microphone and camera on/off respectively. Then, click the "Join Conference" button to enter the meeting.



会议名称	发起人	会议号	操作
admin创建的会议	admin	274960	⊕
用户1创建的会议	用户1	278409	⊕
用户2创建的会议	用户2	578403	⊕

8.11.5. Historical Conference

In the OSD menu, under the "Video Conference" interface, click 🕒 in the upper left corner to switch to the "Historical Conferences" tab, which displays all historical meetings in a list.

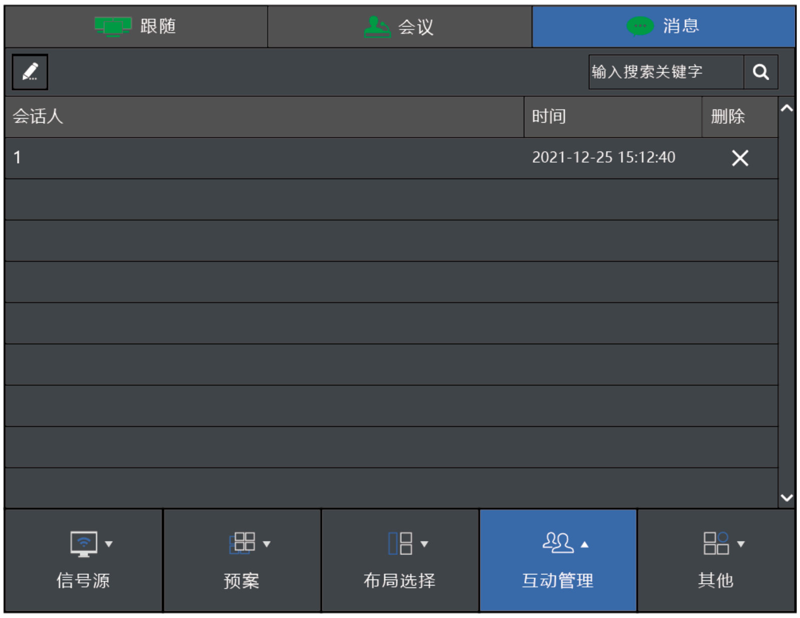


会议名称	发起人	会议号	会议时间
admin创建的会议	admin	274960	09-13 17:50:49-18:10:45
用户1创建的会议	用户1	278409	09-14 11:30:22-12:00:35
用户2创建的会议	用户2	578403	09-13 10:10:19-10:40:40

8.12. Messaging Interaction

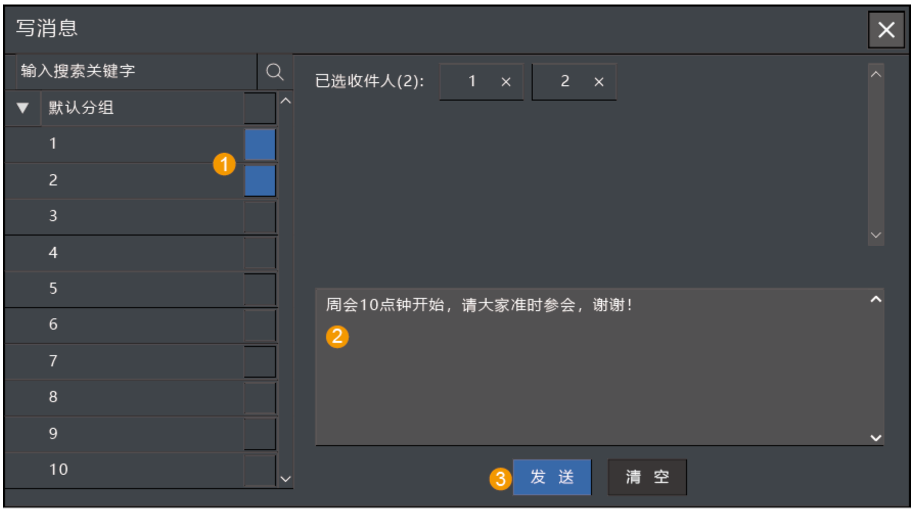
You can send text messages to other users from the workstation, supporting both single and group messages.

In the [Main Navigation Menu], click the "Interaction Management" option, then click the "Messages" option to open the "Messages" interface. Click the button to enter the [Write Message] interface.


跟随
会议
消息
输入搜索关键字
会话人
时间
删除
信号源
预案
布局选择
互动管理
其他

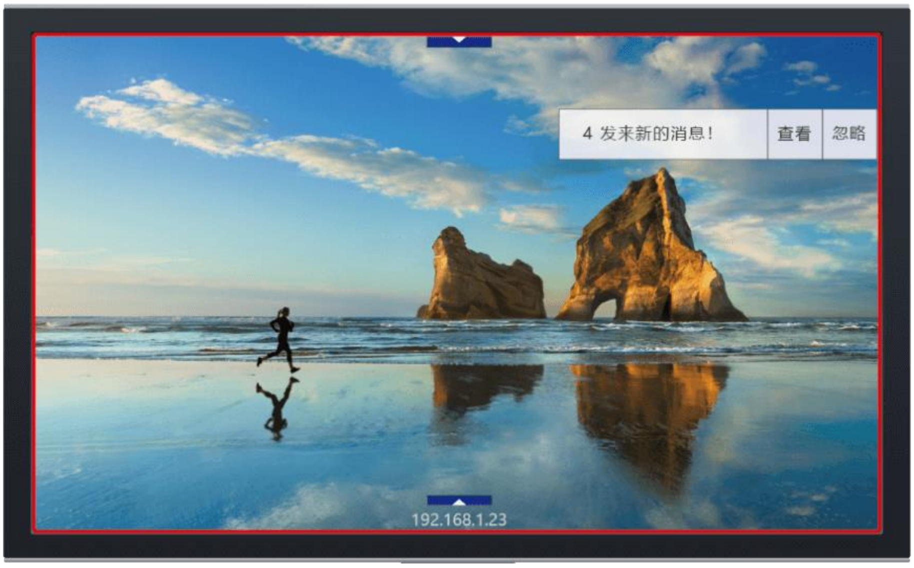
会话人	时间	删除
1	2021-12-25 15:12:40	×

Select the recipients on the left side of the interface, enter the message content on the right side of the interface, and finally click the "Send" button to send the message.

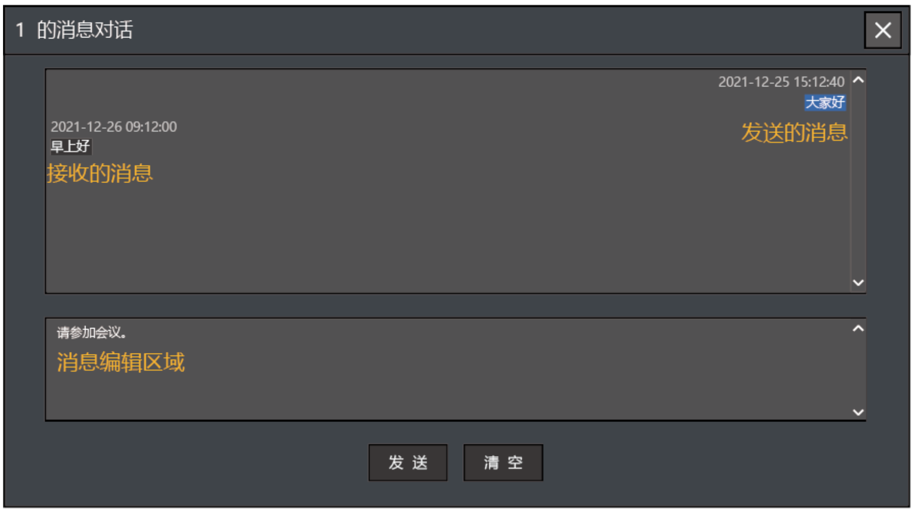

写消息
输入搜索关键字
默认分组
1
2
3
4
5
6
7
8
9
10
①
已选收件人(2):
1 ×
2 ×
②
③
发 送
清 空

周会10点钟开始，请大家准时参会，谢谢！

A message notification will pop up on the recipient's screen; click the "View" button to see the message.


4 发来新的消息！

In the [Message] interface of the [Main Navigation Menu], click on the message record in the list. In the open interface, you can continue to send messages to the other party and view the history.


1 的消息对话

2021-12-25 15:12:40
大家好
发送的消息

2021-12-26 09:12:00
早上好
接收的消息

请参加会议。
消息编辑区域

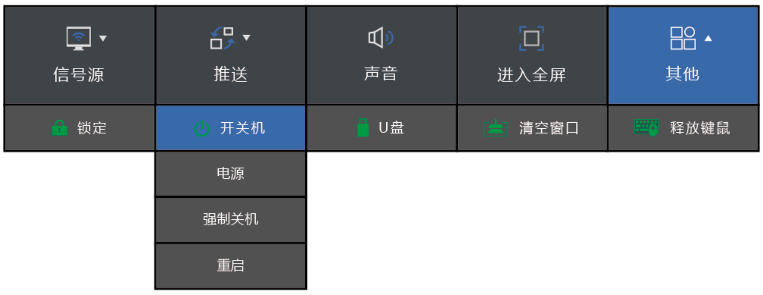
8.13. Power On/Off

It supports controlling the power on/off, forced shutdown, and restart of the signal via the OSD menu on the operator's terminal.

Note: To support this feature, you need to configure the remote power on/off of the signal in the web software.

8.13.1. Single Signal Power On/Off

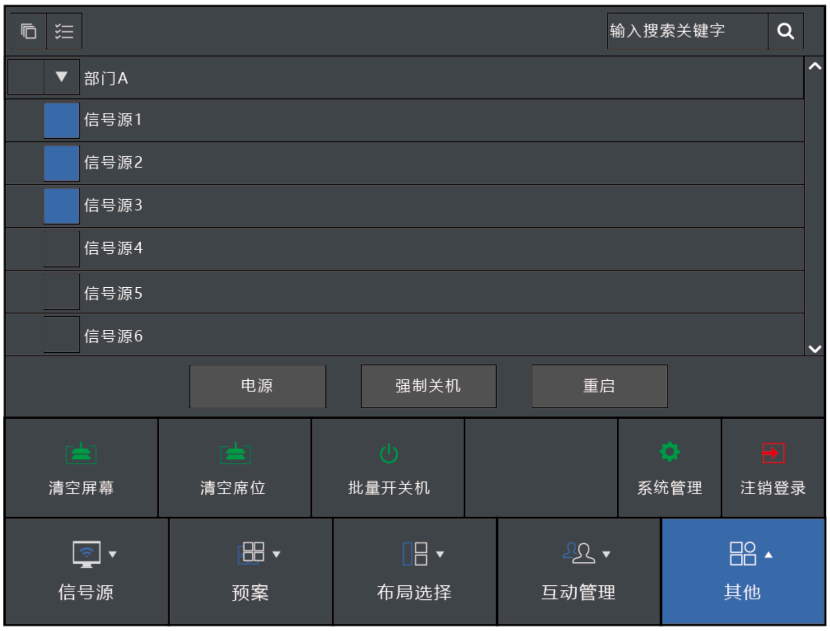
In the [Window Navigation Menu], click the "Other" option, then click the "Power On/Off" button. In the drop-down list that appears, select the device's power on/off status. After powering off, the OSD menu will still be available; you can click the "Power" button to power on.


信号源
推送
声音
进入全屏
其他
锁定
开关机
U盘
清空窗口
释放键鼠
电源
强制关机
重启

The user must have keyboard and mouse control permissions for the signal.

8.13.2. Batch Signal Power On/Off

In the [Window Navigation Menu], click the "Other" option, then click the " Batch Power On/Off " button. In the pop-up list, select multiple signals, and then choose to power on/off, force shutdown, or restart as needed.

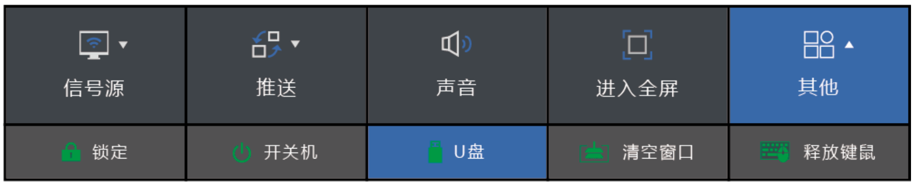

输入搜索关键字
部门A
信号源1
信号源2
信号源3
信号源4
信号源5
信号源6
电源
强制关机
重启
清空屏幕
清空席位
批量开关机
系统管理
注销登录
信号源
预案
布局选择
互动管理
其他

Even if the user does not have keyboard and mouse control permissions for the signal, they can still perform batch power-on/off operations.

8.14. USB Flash Drive Usage

It supports inserting USB devices into the workstation and operating devices such as USB flash drives and USB printers. The operation steps are as follows:

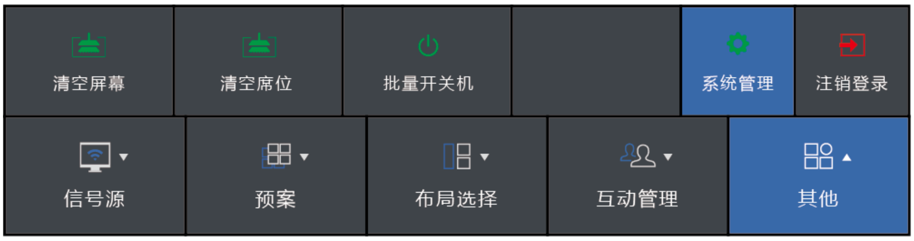
1. Switch the current station screen to the signal that needs to connect the USB device and obtain the keyboard and mouse permissions of the signal:
2. Connect the USB device to the decoding node corresponding to this display;
3. In the [Window Navigation Menu], click the "Other" option, then click the "USB Flash Drive" button to enable the USB flash drive function and connect the USB device to the selected signal. Click the "USB Flash Drive" button again to disable the USB flash drive function.
4. Once the connection is successful, a USB connection status window will appear on this signal, where you can perform normal USB device operations.



8.15. System Management

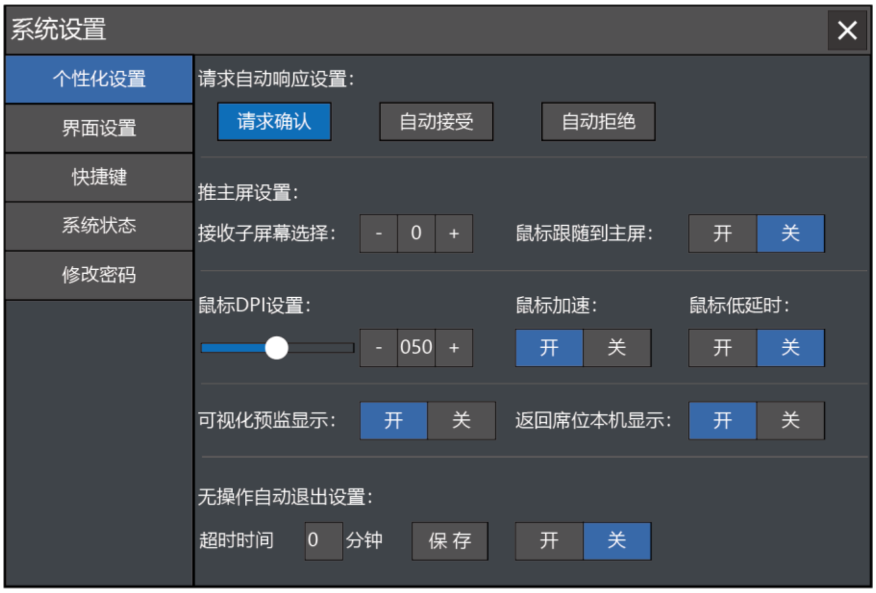
System management includes personalization settings, interface settings, shortcut key settings, system status viewing, and password modification.

In the [Main Navigation Menu], click the "Other" option, and then click the "System Management" button to open the settings interface.



8.15.1. Personalization Settings

On the [Personalization Settings] page, you can configure automatic response to requests, receive sub-screen selections, mouse DPI settings, visual preview, return to station local display, automatic exit without operation, etc. Click the "Save" button to complete the settings.



请求自动响应设置：[✓ 请求确认] 自动接受 自动拒绝

推主屏设置：

接收子屏幕选择：- 0 +

鼠标跟随到主屏：开 [✓ 关]

鼠标DPI设置：- 050 +

鼠标加速：[✓ 开] 关

鼠标低延时：开 [✓ 关]

可视化预监显示：[✓ 开] 关

返回席位本机显示：[✓ 开] 关

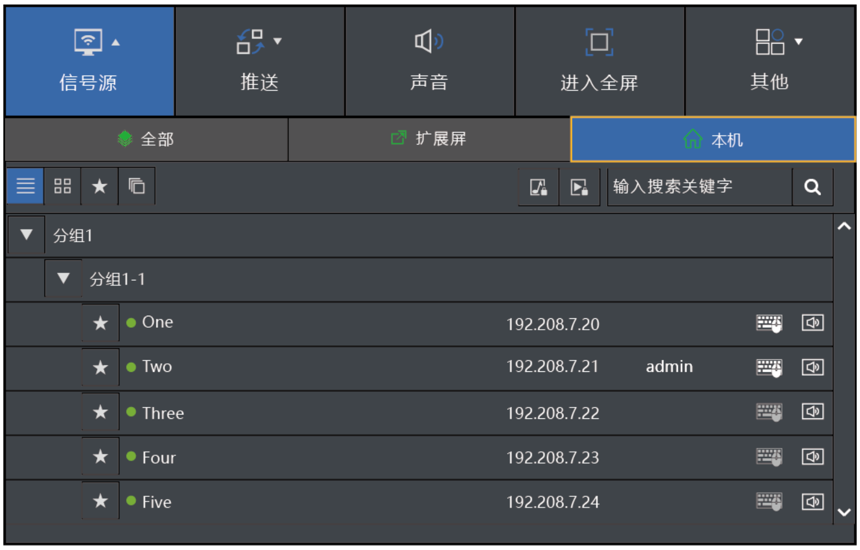
无操作自动退出设置：

超时时间 0 分钟 保 存 开 [✓ 关]

OPTIONS	DESCRIPTION
REQUEST AUTOMATIC RESPONSE SETTINGS	Configure the response method when receiving keyboard and mouse push notifications, signal push notifications, and agent follow requests. Selecting "Request Confirmation" will bring up a request window; the request will only be executed after the user confirms. Select "Auto-Accept" to automatically execute all requests without requiring confirmation; Select "Auto-Reject" to automatically reject all requests without confirmation.
RECEIVE SUB-SCREEN SELECTION	Set the default receiving screen.
MOUSE FOLLOWS TO THE HOME SCREEN	The feature is enabled, the mouse cursor will automatically follow the home screen after the notification is pushed to the home screen.
MOUSE DPI SETTINGS	Set the mouse DPI value.
MOUSE ACCELERATION	Configure mouse acceleration.
LOW MOUSE LATENCY	Set mouse delay.
VISUALIZED PREVIEW DISPLAY	Once enabled, the signal can be previewed on the workstation device: once disabled, it cannot be previewed.
RETURN TO STATION LOCAL DISPLAY	If the station is already configured with "Local Signal", enabling this function will add a "Local" option to the [Window Navigation Menu]. Clicking it will switch to "Local Signal".
AUTOMATICALLY EXIT SETTINGS IF NO ACTION IS TAKEN	Configure the function to automatically exit the OSD interface when there is no operation, and set the timeout period.

- **Local Signal Recall**

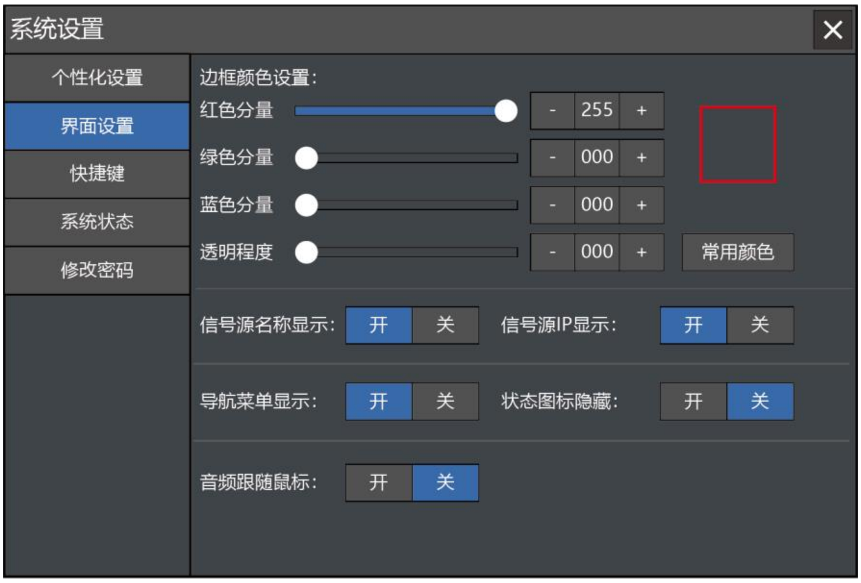
Enabling the "Return to Local Station Display " function, you can quickly access the "Local Signal" in the [Signal] interface of the [Window Navigation Menu].



One	192.208.7.20	
Two	192.208.7.21	admin
Three	192.208.7.22	
Four	192.208.7.23	
Five	192.208.7.24	

8.15.2. Interface Settings

On the [Interface Settings] page, you can configure the color of the OSD screen border, the display of the signal label and IP, and the display of the navigation menu.



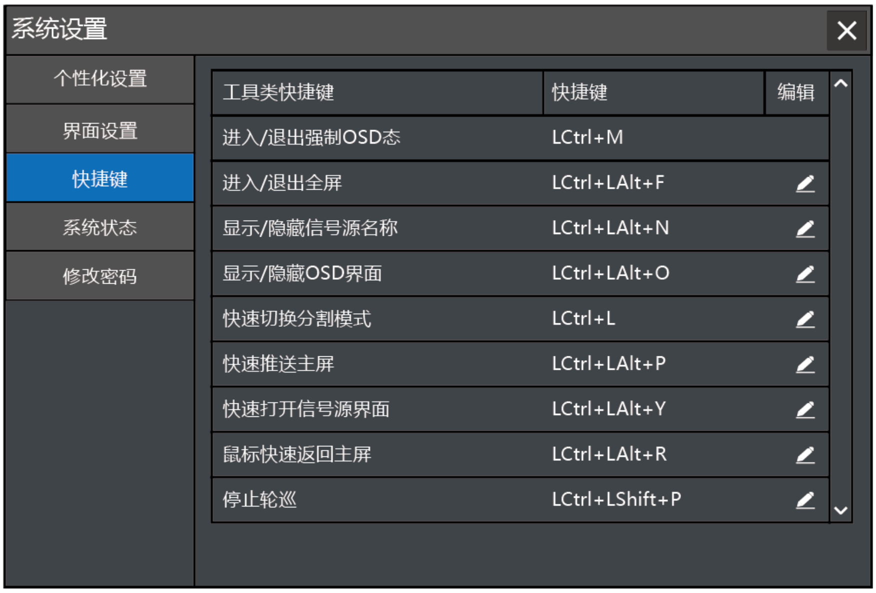
边框颜色设置：
红色分量 - 255 +
绿色分量 - 000 +
蓝色分量 - 000 +
透明程度 - 000 +

信号源名称显示： [✓ 开] 关
信号源IP显示： [✓ 开] 关
导航菜单显示： [✓ 开] 关
状态图标隐藏： 开 [✓ 关]
音频跟随鼠标： 开 [✓ 关]

OPTIONS	**DESCRIPTION**
BORDER COLOR SETTINGS	YOU CAN SET THE BORDER COLOR AND TRANSPARENCY OF THE SCREEN OR WINDOW WHERE THE MOUSE IS LOCATED. YOU CAN SET RGB VALUES OR SELECT FROM THE SYSTEM'S BUILT-IN COMMON COLORS.
SIGNAL NAME DISPLAY	Enabling this feature will display the signal name in the central area below the signal window; disabling it will not display it.
SIGNAL IP DISPLAY	Enabling this feature will display the IP address of the corresponding encoding node of the signal in the [Signal] interface of the main/[Window Navigation Menu]: disabling it will not display it.
NAVIGATION MENU DISPLAY	Enabling this feature will display the navigation menu normally, while disabling it will hide it. It can be enabled via a keyboard shortcut, the default being <LCtrl + LAlt + O>, which can be changed in the shortcut settings page.
STATUS ICON HIDDEN	Enabling this feature will hide the keyboard and mouse status icons in the upper-right corner of the window.
AUDIO FOLLOWS MOUSE	This setting enables or disables the audio mixing output function in the quad-view layout mode. If enabled, audio mixing output will not be possible; only the audio of the window where the mouse is located will be output.

8.15.3. Shortcut Key Settings

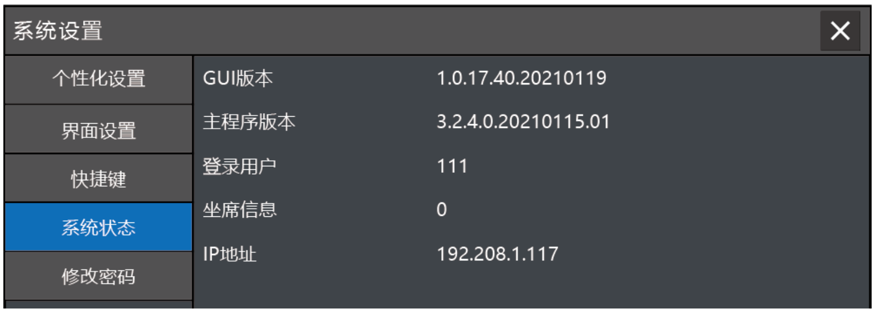
On the [Shortcut Keys] page, you can view or modify the shortcut keys for utility operations. Click Edit button ✎ to change the shortcut key.


系统设置
个性化设置
界面设置
快捷键
系统状态
修改密码

工具类快捷键	快捷键	编辑
进入/退出强制OSD态	LCtrl+M	
进入/退出全屏	LCtrl+LAlt+F	✎
显示/隐藏信号源名称	LCtrl+LAlt+N	✎
显示/隐藏OSD界面	LCtrl+LAlt+O	✎
快速切换分割模式	LCtrl+L	✎
快速推送主屏	LCtrl+LAlt+P	✎
快速打开信号源界面	LCtrl+LAlt+Y	✎
鼠标快速返回主屏	LCtrl+LAlt+R	✎
停止轮巡	LCtrl+LShift+P	✎

8.15.4. System Status Check

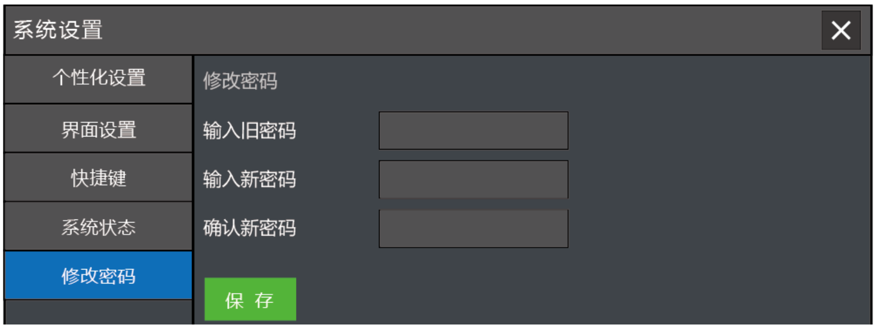
On the [System Status] page, you can view system version information and currently logged-in user information.


系统设置
个性化设置
界面设置
快捷键
系统状态
修改密码

GUI版本	1.0.17.40.20210119
主程序版本	3.2.4.0.20210115.01
登录用户	111
坐席信息	0
IP地址	192.208.1.117

8.15.5. Change Password

On the [Change Password] page, you can change the password of the currently logged-in user.


系统设置
个性化设置
界面设置
快捷键
系统状态
修改密码
保 存

修改密码

输入旧密码

输入新密码

确认新密码

8.16. Secure Login

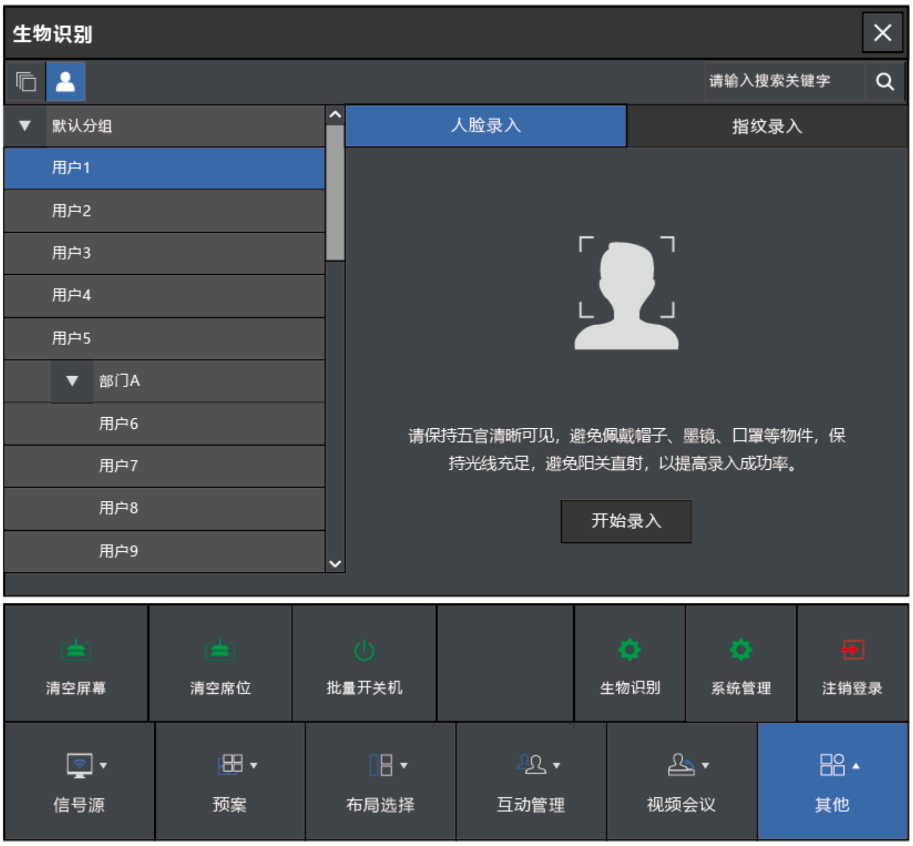
The Br-L series 4K60 enhanced station decoding node supports face and fingerprint login at the station. After users enter their information at the station and configure it on the web software, they can log in to the station by face and fingerprint, which improves the security and convenience of operation.

For advanced features related to secure login on the web software, please contact our technical staff for technical support.

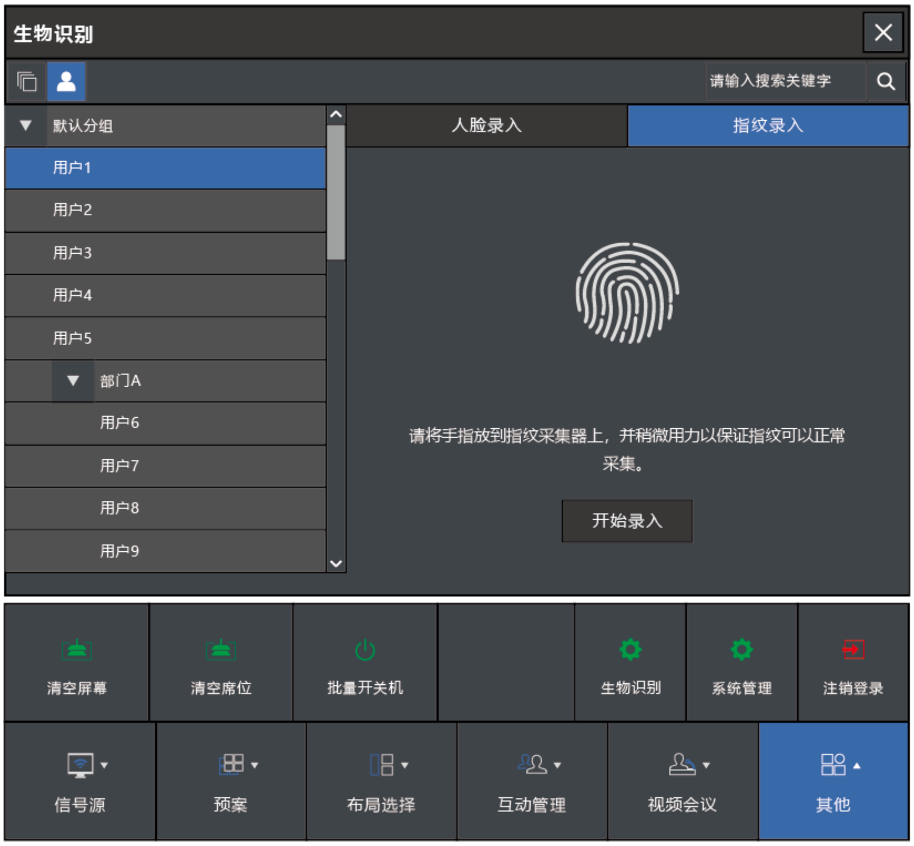
8.16.1. Information Enrollment

To use the biometric login station, you need to enter the user's facial and fingerprint information via the OSD menu. The specific steps are as follows:

1. Log in to the workstation OSD menu using the administrator account and the username and password.
2. In the [Main Navigation Menu], click on "Other" - "Biometrics";
3. Select a user from the user list on the left, and then select "Face Enrollment" or "Fingerprint Enrollment" on the right.
4. Click the "Start Enrollment" button and enter your face/fingerprint information according to the enrollment requirements.



请保持五官清晰可见，避免佩戴帽子、墨镜、口罩等物件，保持光线充足，避免阳关直射，以提高录入成功率。


生物识别
请输入搜索关键字
默认分组
用户1
用户2
用户3
用户4
用户5
部门A
用户6
用户7
用户8
用户9
人脸录入
指纹录入
开始录入
清空屏幕
清空席位
批量开关机
生物识别
系统管理
注销登录
信号源
预案
布局选择
互动管理
视频会议
其他

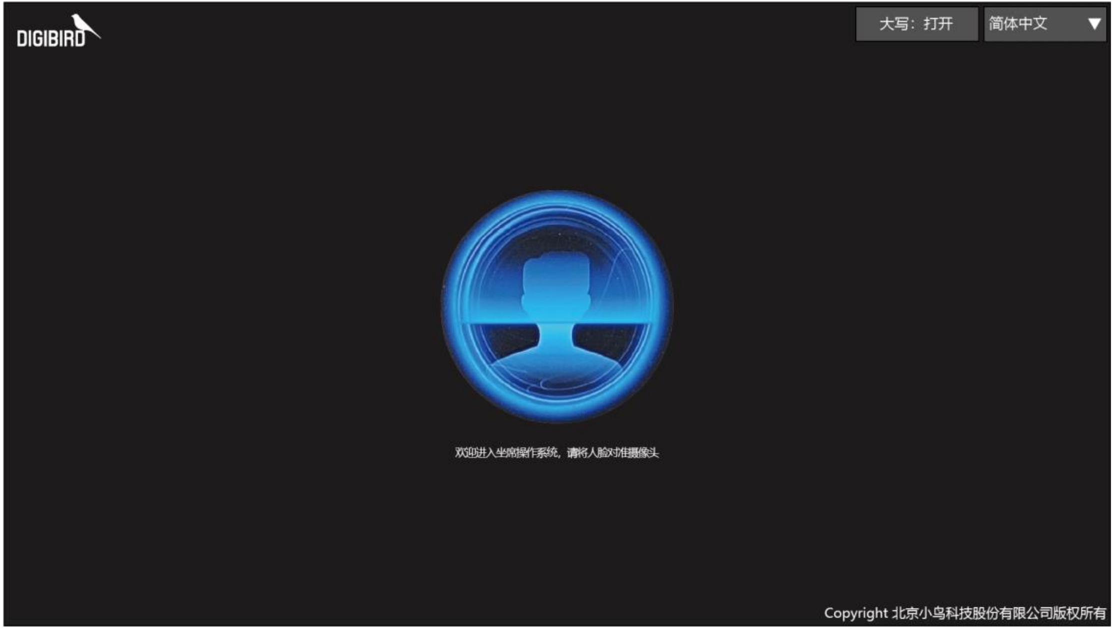
请将手指放到指纹采集器上，并稍微用力以保证指纹可以正常采集。

8.16.2. Face/Fingerprint Login

After biometric information is entered and configured, users can log in at their stations using facial recognition or fingerprint recognition.

At the station, follow the instructions to identify the user. After successful identification, enter the login password for verification. Once verified, you can enter the station's operating system.

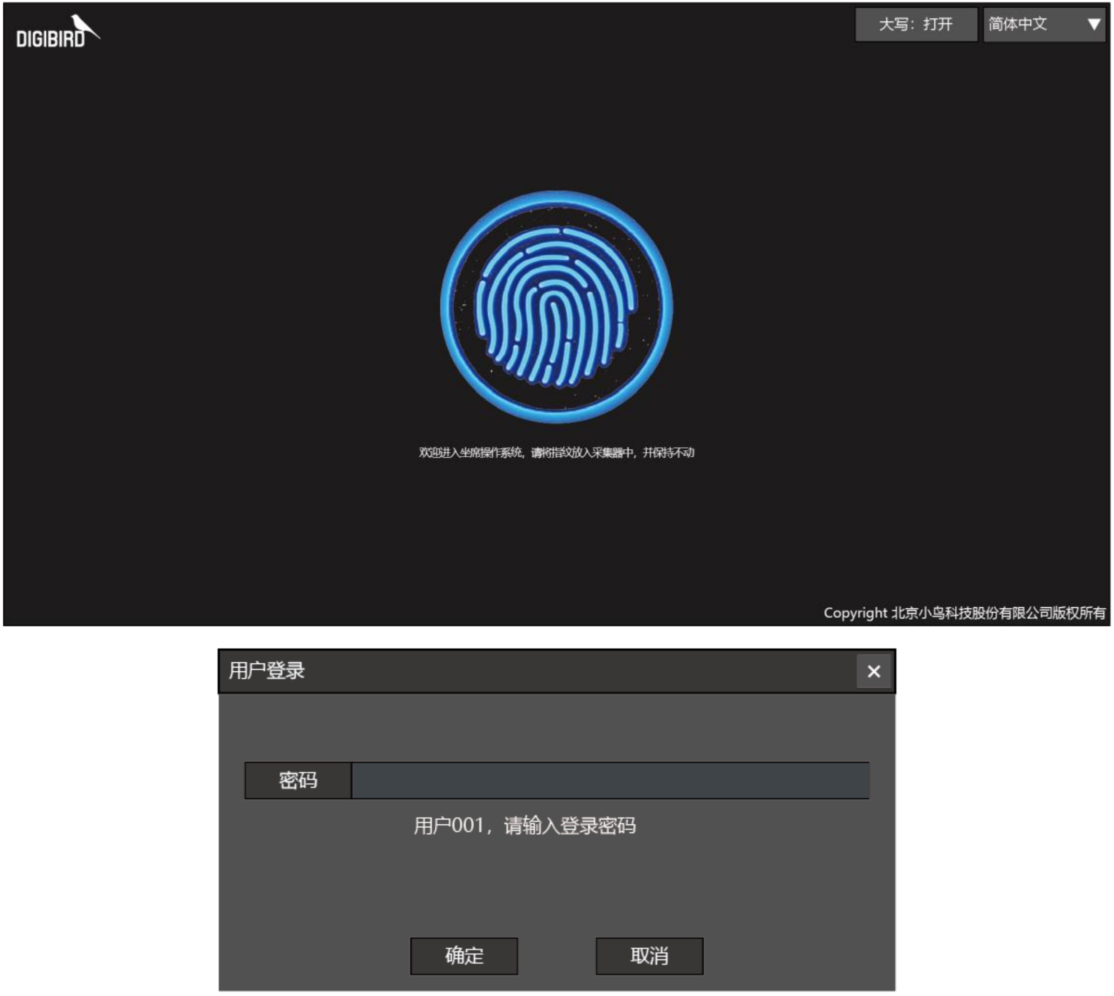
Face Login Interface


DIGIBIRD
大写：打开
简体中文

欢迎进入坐席操作系统，请将人脸对准摄像头

Copyright 北京小鸟科技股份有限公司版权所有

Fingerprint Login Interface


DIGIBIRD
大写：打开
简体中文
用户登录
×
密码
确定
取消

欢迎进入坐席操作系统，请将指纹放入采集器中，并保持不动

Copyright 北京小鸟科技股份有限公司版权所有

用户001，请输入登录密码

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