

## DSP9201

### HD Conference Recording and Broadcasting Host



#### Description

Based on the stability requirements of the recording and broadcasting equipment, the recording and broadcasting system host must be designed with an embedded architecture, which does not accept the server and PC architecture, and does not use an encoding box. The host contains local directing and online directing, recording, live, on-demand, video management, user management and digital audio, amplifier functions for integrated design. With Web remote management function, it can realize monitoring and video monitoring in real time. The appearance design of the recording and broadcasting system host should be beautiful, practical and easy to install. The recording and broadcasting system host adopts a height of  $\leq 1U$ , and the front panel has a built-in 2" LCD screen to display the device model, host name, local IP, working status, local temperature, date and time, and uses 12V DC power supply.

#### Features

- The host can support 2 groups of SDI high-definition input, 2-channel HDMI inputs, 2-channel VGA inputs, 1-channel HDMI output, 1-channel VGA output, 2-channel USB interfaces (the above interfaces do not support implementation through an adapter), HD video and computer resolution of 1920\*1080, and backward compatible.
- Support computer PPT signal to automatically trigger switching, no need to install any auxiliary software and plug-ins in the computer.
- Support host local hard disk video file playback, USB video file playback, and remote RTSP video streaming playback and recording. Support 12 different split-screen layout modes and user-defined split-screen layout mode settings.
- The host has built-in digital intelligent audio processing module, which can realize intelligent audio processing function, and high frequency, medium frequency and low frequency sound effect processing without external audio processor equipment.
- The recording and broadcasting system features easy-to-use and high integration.
- Support one-key directing. The directing mode can be manual or full automatic, which can be switched arbitrarily. The manual directing mode supports video preview, live output preview, video switching, audio adjustment, recording mode switching and other functions; support manual PTZ control, and multiple preset settings for camera videos.
- The host can support multiple video recording formats: MP4, TS, MKV and AVI, and adopts H265MP and

H264HP for video encoding.

- Support cloud platform access to upload and share high-quality resources for multi-user watching of live broadcasts. You can also watch online live broadcasts on a standalone computer without a server or cloud platform. When a live broadcast is initiated, you can watch the live broadcast remotely, supporting up to 200 users.
- When using the equipment, if there is an unexpected power outage or network disconnection, it can automatically repair the recorded files and videos.
- With real-time adding and editing functions of OSD, station icon, subtitle, title and ending.
- Meet the needs of daily recording, equipped with a 2T storage capacity. The host comes with a 1000M network interface, which can be connected with a third-party FTP server, to automatically upload the recorded files to the FTP server for saving and backup, and supports external NAS network storage.

## Front / Rear Panel

### Front Panel



#### 1. Power Button

In the case of power failure, the power indicator light is off; when the machine is powered on and turned on, the power indicator is always on and turns blue; when the machine is powered on but turned off, the power indicator light is always on and turns red.

#### 2. USB Port

There are 2 USB jacks, the upper one is USB3.0 jack and the lower one is USB 2.0 jack, which are used to access keyboard and mouse equipment or USB flash disk.

#### 3. Right Button

Mainly used for LCD screen operation. Press the right button to enter the next interface or move the cursor to the right.

#### 4. Down Button

Mainly used for LCD screen operation. Press the down button to move the cursor down or modify the value.

#### 5. Left Button

Mainly used for LCD screen operation. Press the left button to return to the previous interface or move the cursor to the left.

#### 6. LCD Screen

Mainly used to display the information of the recording and broadcasting system host.

#### 7. Home Button

Mainly used for LCD screen operation. Press the home button to return to the home page with one key.

#### 8. Up Button

Mainly used for LCD screen operation. Press the up button to move the cursor up or modify the value.

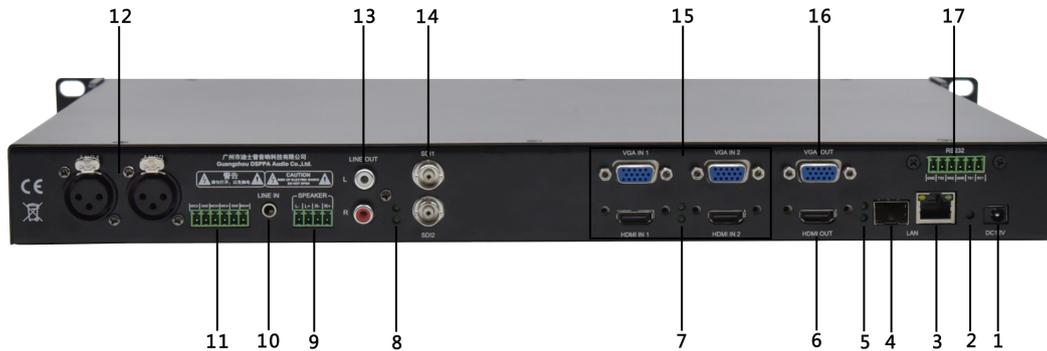
#### 9. OK Button

Mainly used for LCD screen operation. Press the OK button to select and enter the next interface, or confirm the modified information.

#### 10. Indicator Light

Including RUN light, REC light and HDD light. The RUN light is always on, which means that the recording and broadcasting system host is running; the REC light is always on, which means the recording and broadcasting system host is recording files; the HDD light is flashing, which means that the hard disk is reading or storing data.

## Rear Panel



### 1. Power Supply Socket

DC12V power input interface. When connecting, please connect the power cord to the machine first, and then connect to the power grid.

### 2. Reset Button

The reset button of this machine. Long press for 5 seconds to automatically restore the factory settings. (IP: 192.168.1.2; Subnet Mask: 255.255.255.0; Gateway: 192.168.1.1)

### 3. Communication Network Port

The network communication port of the recording and broadcasting system host, which is used to connect to the switch.

### 4. Communication Optical Port

The network communication port of the recording and broadcasting system host, which is used to connect to the switch.

### 5. Communication Optical Port Indicator

When using the optical fiber to communicate, the communication port indicator is on.

### 6. HDMI Output

This machine supports HDMI output, and the output shows the local directing interface or PGM output interface of the recording and broadcasting host, with adjustable resolution. (The default display is the PGM output interface, with the resolution of 1080P60.)

### 7. Video Input Signal Indicator Light

This port is used to indicate the presence or absence of 2-channel HDMI input signals and the presence or absence of 2-channel VGA input signals. The indicator light is always on when there is a signal and is off when there is no signal.

### 8. SDI Indicator Light

This port is used to indicate the presence or absence of 2-channel SDI input signals. The indicator light is always on when there is a signal and is off when there is no signal.

### 9. Amplifier Output

This port is a 2-channel power amplifier output interface, used to connect constant-resistance speakers.

### 10. Line Input

This port is used for external audio input.

### 11. Microphone Phoenix Socket

This port is used for microphone access, MIC3 and MIC4 respectively.

### 12. Microphone XLR Socket

This port is used for microphone access, MIC1 and MIC2 respectively.

### 13. Line Output

Connect the line output of other sound equipment.

### 14. SDI Signal Source

This machine supports 2-channel SDI inputs, and the supported input resolution is 1920\*1080.

### 15. Video Input Signal Source

This machine supports 2-channel HDMI inputs and 2-channel VGA inputs, and the supported input resolution is 1920\*1080.

### 16. VGA Output

This machine supports VGA output, and the output shows the local directing interface or PGM output interface of the recording and broadcasting system host, with adjustable resolution. (The default display is the local directing interface, with the resolution of 1080P60.)

### 17. RS232 Interface

Serial port control.