

# D7634

## Full HD Conference Recording and Broadcasting Host



### *Description*

Based on the requirements of the stability of conference recording and broadcasting equipment, the recording and broadcasting host must adopt an embedded architecture design, without the need for server and PC architecture, and coding box. The host integrates image recognition tracking, local and online broadcasting, recording, live broadcasting, on-demand broadcasting, video management, user management, digital audio, and power amplifier functions. With the Web remote management function, it can realize real-time monitoring and video monitoring. The recording and broadcasting host has beautiful appearance, and is easy to install, with a height of  $\leq 1U$ , and a 2" LCD screen embedded in the front panel to display the device model, class name, machine IP, working status, machine temperature, date and time, and using 12V DC power supply.

## *Features*

- Support 6 HD-SDI HD inputs, 2 HDMI inputs, 2 VGA inputs, 1 HDMI output, 1 VGA output, 2 USB ports (the above ports do not support transfer), HD video and computer resolution of 1920\*1080, and downward compatibility.
- Support local hard disk video file playback, USB video file playback and remote RTSP video stream playback and recording. Support 12 different split-screen layout modes, and support user-defined split-screen layout mode settings.
- Support automatic trigger switching of the PPT signal of the teaching computer, without installing any auxiliary software and plug-ins in the computer.
- Support schedule recording according to the course schedule, which is convenient for teachers to quickly record their own quality lessons.
- With a built-in digital intelligent audio processing module, which can realize intelligent audio processing functions without external audio processor equipment, including high-frequency, intermediate-frequency, low-frequency sound effect processing, and support echo suppression/noise cancellation/automatic gain functions.
- Integrate the tracking function. Embedded with an image recognition and tracking module, which can realize automatic image recognition and tracking function and image click tracking function without additional auxiliary analysis cameras and hardware devices (tracking host).
- Support one-key broadcasting, which supports manual and automatic modes that can be switched at will. Among them, the manual broadcasting mode supports video preview, live output preview, video switching, audio adjustment, recording mode switching and other functions. Support manual pan-tilt PTZ control, and multiple preset position settings for the teacher video and student video.
- Support video recording in MP4, TS, MKV, and AVI video formats, and video encoding of H265MP and H264HP.
- Support cloud platform access, forming high-quality resource uploading for sharing and live broadcast for multi-user watching. It can also realize standalone watching of online live broadcast without a server or cloud platform. When there is a live broadcast, it can support remote watching of live broadcast, supporting up to 200 users.
- In the teaching application, when there is an unexpected power failure and disconnected network, it can automatically repair the recorded files and videos.
- With real-time addition and editing functions of OSD, station logo, subtitles, titles and endings to enhance the appeal of the courseware.
- Equipped with 2T storage space, with a 1000M network interface, which can be connected with a third-party FTP server to automatically upload the recording files to the FTP server for storage and backup. Support external NAS network storage.