



Description

This is a conference recording and broadcasting system with a graphical menu operation interface. It adopts intelligent hardware equipment and embedded Linux operating system design. It is highly integrated with embedded ultra-high-definition video acquisition module, recording module, live broadcast module, director switching module, image segmentation and splicing module, and local echo output module. It realizes multiple functions such as video live broadcast, intelligent director, ultra-high-definition recording, remote control, image recognition and tracking, multi-party interaction, etc. It is the latest generation of multimedia information recording and dissemination equipment independently developed to meet the needs of small and medium-sized meetings, lecture halls, auditoriums, etc.

Specification

Video protocol	H.264 , H.265
Bit stream	256 Kbps~ 20 Mbps
Video output format	Support MP4/MOV/MKV/FLV/AVI /TS
Audio protocol	AAC
Live broadcast protocol	Support TS, RTSP and RTMP real-time protocol streaming
Network protocol	Support TCP, UDP, RTMP, RTSP, FTP, DHCP, HTTP protocols
Video input interface	1 HDMI video interface, 2 3G-SDI video interfaces (support POC power supply)
Video output interface	HDMI OUT 1 : Adjustable resolution, up to 4K30 with audio output, fixed PGM screen; HDMI OUT 2 : 1080P60 (fixed) with no audio output, fixed director interface output
Interaction	Bluetooth remote control /mouse/USB touch
Split-screen capability	Single screen, picture-in-picture, 2/3/4/5/6 screens
Input resolution	3840x2160@30fps, 2560*1600@60fps, 2560*1440@60fps, 2048*1152@60fps, 1920*1200@60fps, 1920x1080@60/50/30/25fps, 1680*1050@60fps, 1280*720@60fps
Output resolution	3840x2160 @ 30fps、1920x1080 @ 60 /50/30/25fps
Audio input interface	3-channel 3.5mm audio input interface, 1-channel HDMI IN1 with audio input
Audio output interface	3 -channel 3.5mm audio output interface , 1-channel HDMI IN1 with audio output
Network port	4-channel 802.3ab 1000Base-T Gigabit network interfaces , 3-channel of which support POE power supply
USB interface	2 USB 2.0 ports , 1 USB 3.0 port , supports connecting to mouse/U disk/director switch
Control interface	2-channel control interface , supporting RS-232 and RS-485
Recording method	Synchronous recording of audio and video
Storage space	2TB
Director function	Support video preview/live screen monitoring/video switching/live screen multi-split screen display/audio adjustment, etc.
Live broadcast and recording function	Supports real-time live broadcast/synchronous recording/movie mode recording/one-click streaming and recording/local channel playback/built-in player
Display	1.8-inch LCD display, supports real-time preview of common device status such as device operation status/parameter information/hard disk capacity/audio status, etc.
Button	Support one-key recording control /copying/live broadcast control; button to restore factory settings
Software reset function	Support factory reset
Software upgrade	Support USB upgrade , web-based network upgrade
Indicator lights	3*led, system operation, hard disk failure and recording prompt light
Power supply	DC 24V/5A
Power consumption	120 W
Operating temperature	-10°C-55°C (ambient temperature under good ventilation conditions)
Relative humidity of working environment	20%~80% relative humidity, no condensation
Weight	3.89kg
Dimensions (L x D x H)	484 × 258 × 45 mm