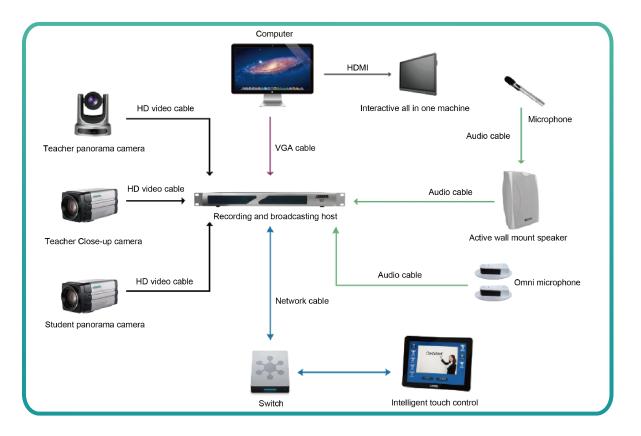# DSP9208　　Recording & Broadcast Host



# *Diagram*

# *Description*

The automatic recording and broadcasting system for the user's actual needs, using functional integration of simple equipment to build cost-effective recording and broadcasting classrooms easily. Innovative DSPPA EPTZ electronic PTZ technology to realize 2 seats 4 scene (teacher panorama + teacher close-up + student panorama + VGA close-up) automatic tracking shooting function, to meet the normal teaching, micro-teaching, micro-class, training and other educational application needs, to help schools build quality education resources, to enhance the level of education information.

# *Specification*

| Parameters | |
|---|---|
| Model | DSP9208 |
| Video input | Video：3 channels x HD-SDI  Computer：1 channel x HDMI/VGA |
| Video image | Student panorama、teacher panorama, teacher close-up |
| Video output port | 1 channel X HDMI/VGA |
| Input resolution | Video：1080P  Computer：1080P |
| Output resolution | 1080P@60fps |
| Equipment structure | Embedded |
| Network | 1000M RJ45 X 1 |
| Audio processing | Automatic noise reduction, intelligent mixing |
| Audio port | Input：4 group x phoenix terminal  Output：2 groups x phoenix terminal |
| Record mode | Single stream |
| Video code | H.264 High Profile |
| Audio code | AAC |
| Format | MP4/FLV |
| Storage space | 1T |
| Dimension（L×W×H) | 440 X 262 X 45mm |
| Weight | 2.2kgg |

# *Features*

## No need additional tracking host and analysis camera

The most special features of DSPPA recording system and analysis camera is the embedded image tracking system, no additional tracking host and analysis of the camera, directly using the front-end camera for high-definition image analysis, highly integrated design, compared to the traditional host + tracking host combination mode, the overall system failure rate significantly reduced, more stable tracking more accurate.

## One-click recording and broadcasting

Specially designed for recording and broadcasting System visual touch control screen, hidden-style panel design, perfect integration of beautiful and practical. Flat-panel touch control can reduce the use of dust jams in traditional button consoles. One-click design concept, can start recording by touch, more equipped with real-time video preview function, user-friendly experience, let you easily control the classroom.

## User-friendly online broadcast camera control in one step

(1) No need to configure additional hardware or software, open a browser for live broadcast

(2) Optional automatic/semi-automatic/manual three ways to guide the seeding. The tracking target can be tracked by a key "box" in manual tracking mode, step. More than 3 times faster than the traditional manual tracking mode!

## 2000 live broadcast concurrent

Recording and broadcasting host using high-performance chips, no need to increase the live server can reach 100 live bursts; with DSPPA educational resources cloud platform can reach more than 2000 road live concurrent.
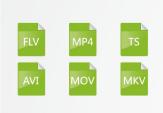
## Features highly integrated

The recording and broadcasting host adopts "All in One" design, embedded HD recording and broadcasting module, live module, on-demand module, image recognition tracking module, automatic / semi-automatic / manual guide switching module, image segmentation and splicing module, local echo output module.

## Synchronous recording in multiple formats

(1) Support single stream file and multi-stream file synchronization recording, single stream file optional movie mode / picture-in-picture mode/picture drawing mode.

(2) Support high bit stream and low bit stream synchronous recording

(3) Support MP4 / FLV / TS / AVI / MOV / MKV six formats synchronous recording and broadcasting, to adapt to different platform upload or playback needs.

## Interactive video conference connection

The recording and broadcasting host is equipped with a group of DVI / HDMI video output interface and a group of audio output interfaces. Can be connected to large-screen TV for real-time recording screen monitoring, or third-party hardware video conferencing terminal connection to achieve remote interaction.

## Mobile terminal watch at any time

Support i Phone / iPad / Android and other mobile terminals, without installing any software, open the mobile browser to enjoy the borderless network broadcast on demand.