



# HDVR Recording System

## ■ Product Information:

HDVR can record teachers' or lectures' video, audio and computer desktop directly by hardware recording methods. It also can deliver real-time recordings directly through Internet.

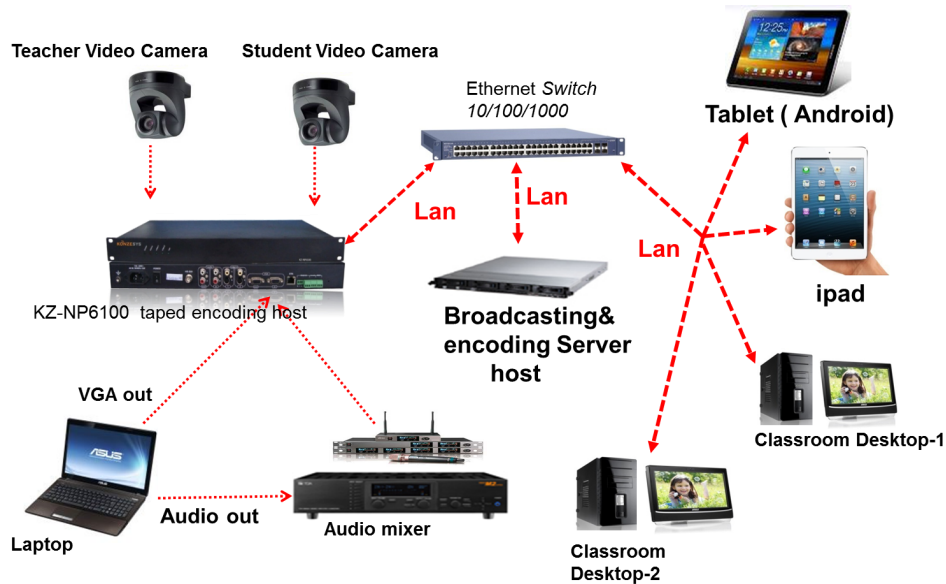
## ■ Characteristics:

- ◆ **Synchronous Recording** : This system can record video, audio and computer desktop into one single file folder. It also supports multi-signal and diverse combination up to 5 HD sources and VGA signals.
- ◆ **Live Streaming** : Audience can watch live streaming via browsers and Flash Player. Customers can set up their own media servers to deliver their own live streaming services.
- ◆ **Video On Demand** : This system has already been embedded VOD module. Audience can watch the video clips right after the live recording by browsers and Flash Player, including Video, Audio and computer desktop.
- ◆ **HD1080P Supported**: This system can proceed Digital HD capture by VGA, HDMI, and HD-SDI ports. DSP chip can encode one-on-one high definition sources up to 1080P quality.
- ◆ Up to **1920×1080 ultra-HD computer desktop capture** : It enables HD computer desktop capture via VGA, HDMI, HD-SDI . Also, through high performance DSP chip, this system can record 30 frames/per sec. HD signals -1080p per 30 frames. .
- ◆ **Strict and overall account management**: HDVR supports multi-level account grouping and limits of authority in flexible structures.
- ◆ **Comprehensive documentation management**: This system can manage recorded video clips to allow users to delete, change file names, download, review, VOD, upload, and FTP. Audience can download files through internet interface to local drive.
- ◆ **Easy and practical online text message**: This system supports online text communications through simple way to satisfy the needs of interactivities.
- ◆ **Smart PPT Indexing**: It supports indexing PPT titles. Just click the PPT titles, videos and computer desktop can be on the same timeline to let audience easily watch what he/she is interested in.
- ◆ **Auto tracking**: It can be companied with infrared, microphone, audio trigger, wireless location and tracking, 3D graphic analysis tracking and central control and so on, to satisfy different needs. Totally automatic tracking recording no needs of person to operate.
- ◆ **Smart Recording 24/7**: It has been integrated with camera locating and tracking, audio mixing recording. Audience and lecturers' videos can be recorded automatically without hands.
- ◆ **Online Camera Control**: Administrators can monitor the activities of lecturers and audience with interfering.

Also he/she can control the camera by clicking the desktop picture with a mice.

- ◆ **Comprehensive and divers management:** LCD monitor, web interface and central control system are the three ways to management. SDK is also available to do integration with the third party system.
- ◆ **Online Editing module:** It is embedded online editing module for lecturers or administrators to cut video clips. Users can cut video clips, audio, and desktop screen together. Also, those sources can be put together automatically and easily.

## ■ System Structure:



## ■ Recording Models:

**1. Multi-Screen Mode:** All information will be reserved and can replace screens as you need. One single file contents multiple screens. Every single screen can be enlarged to full screen and be moved by drag to the main screen. Each video clip can be re-organized to be a brand new file.



**2. Movie Mode:** Users can select one video source to be recorded to save bandwidth. This mode can be applied to achieve single source, single screen in one single file.



**3. Multi-screens in one file:** This mode is to deliver multiple screens in one desktop screen. This way is to save bandwidth. The structure of this mode is multi-screens in one file.



## ■ Hardware Features:

1. Dimension (W×D×H) : 482×217×44.5 mm
2. A/V: AAC-L/H.264 (High Profile)
3. Protocol: TCP/IP、HTTP; RTMP、RTSP
4. Video input: VGA/Color (Component) ×2、HDMI×2 (optional) ; HD-SDI×2 (optional)
5. Video Output: HD-SDI×2 (Optional)
6. stereo Audio input/Intercom output: 2/2
7. Color (Component) : 1080p-25/30; 1080i-50/60; 720p-60 (can't be co-existed with VGA)
8. VGA Resolution (with exclusive us of HD component) : 1440×900; 1280×1024
9. Rate-VGA/Color (Component) : 1 loop 150Kbps~6Mbps
10. Frame Rage: 30fps, can be adjusted lower
11. Encoding method: VBR/CBR
12. Audio Clarity Rate: 16bit sampling width; 44.1KHzS ampling Rate
13. Audio Function: Voice intercom
14. characteristic: TS (Optional)
15. Supported Format: Flash10、FMS 3.5、RED 5
16. can be viewed Live streaming and VOD , online editing, and online cutting, and setting up Web Server and system management is very importat
18. Camera (Output cam); MyCloud interface.00M Ethernet RJ-45×1
20. Power: 10.7W