NEXIS

# Lecture Video Production

## All-in-One Mixing, Switching, Recording & Live Streaming

Layout & Record

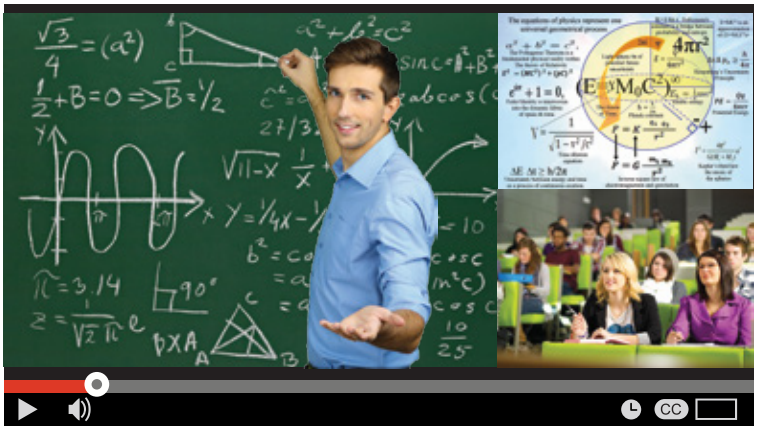
Live Broadcast

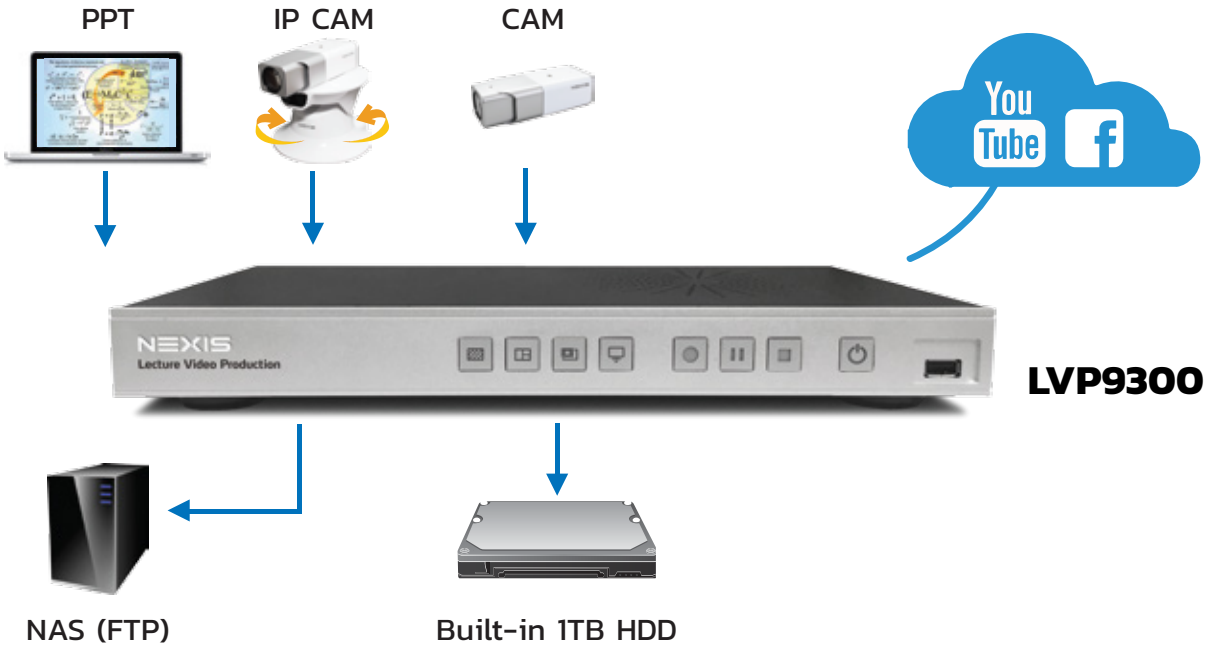
Online Archive




NEXIS LVP9300 is the simply all in one solution for lecture video production, recording, live broadcast and online archive.

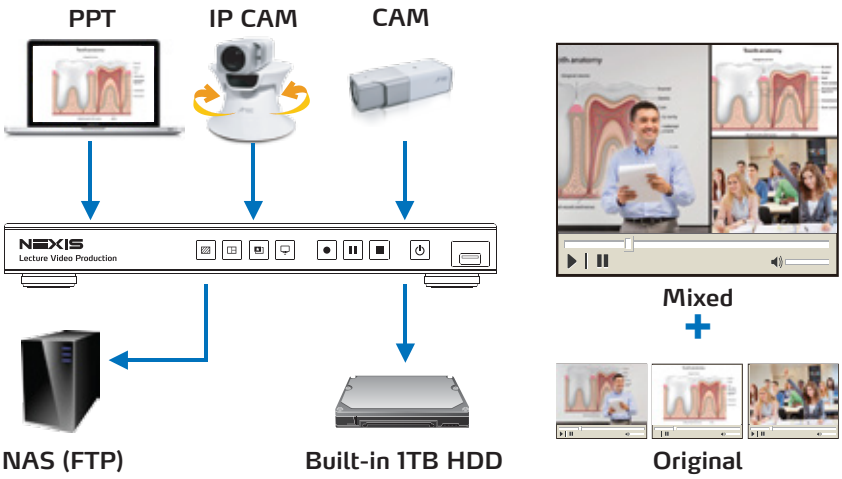
Teachers easily set up and operate everything by themselves easily, No costly expert needed anymore.

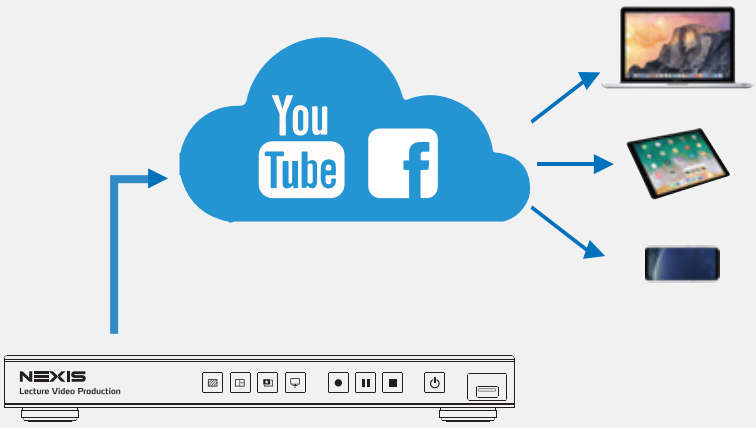




# Layout & Record
## **No Experts Needed**

- Theme creation with Background, Logo & Custom Layout design
- Schedule Recording & Auto Backup to FTP Server after Recording
- Support 1 Mixed Video & Multiple, Individual Sources Recording



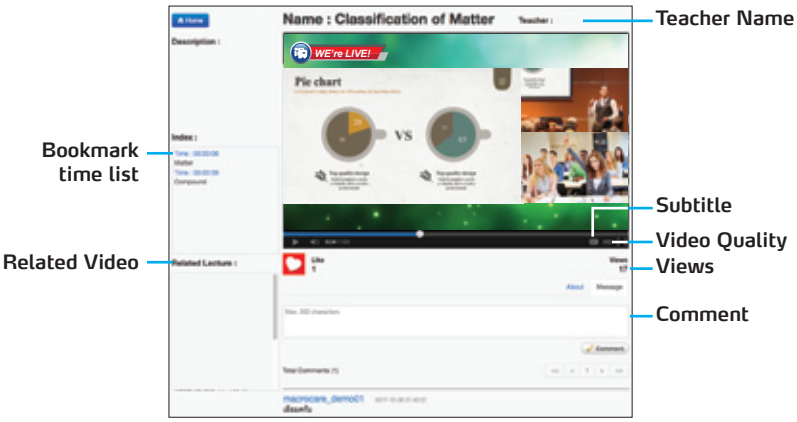




# Live Broadcast
## **Direct to Internet**

- Dual Channel Streaming such as Youtube & Facebook at the same time
- RTMP, RTP Streaming Output Protocols support
- Streaming Resolution up to 1920x1080p (500Kbps – 8Mbps)

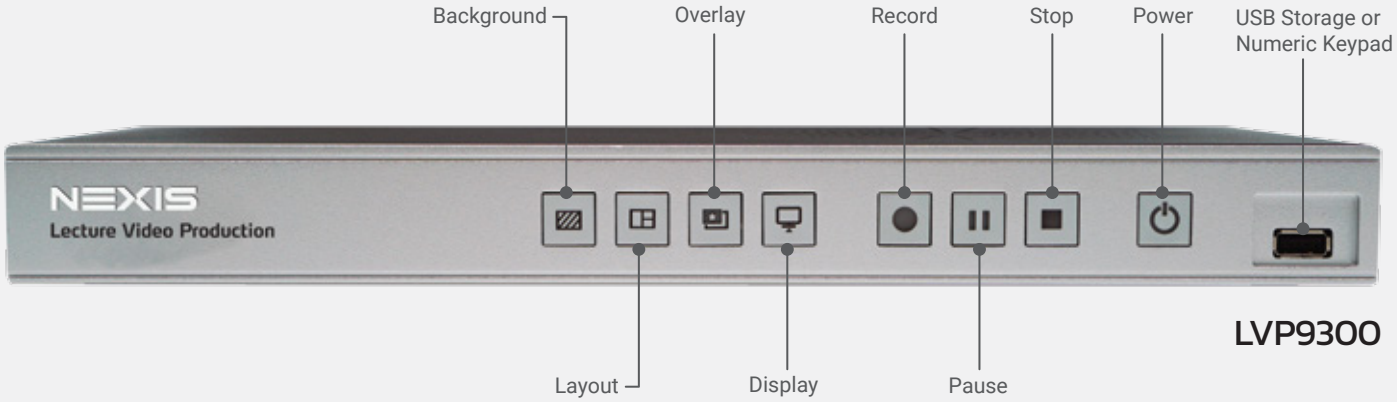
# Online Archive*
## **Design like youtube**

- Bookmark index support – Student can focus on specific areas in video clip
- Lecture Video Production will be uploaded automatically to the Media Server
- Allows insert subtitle & documents within the audio/video lecture file



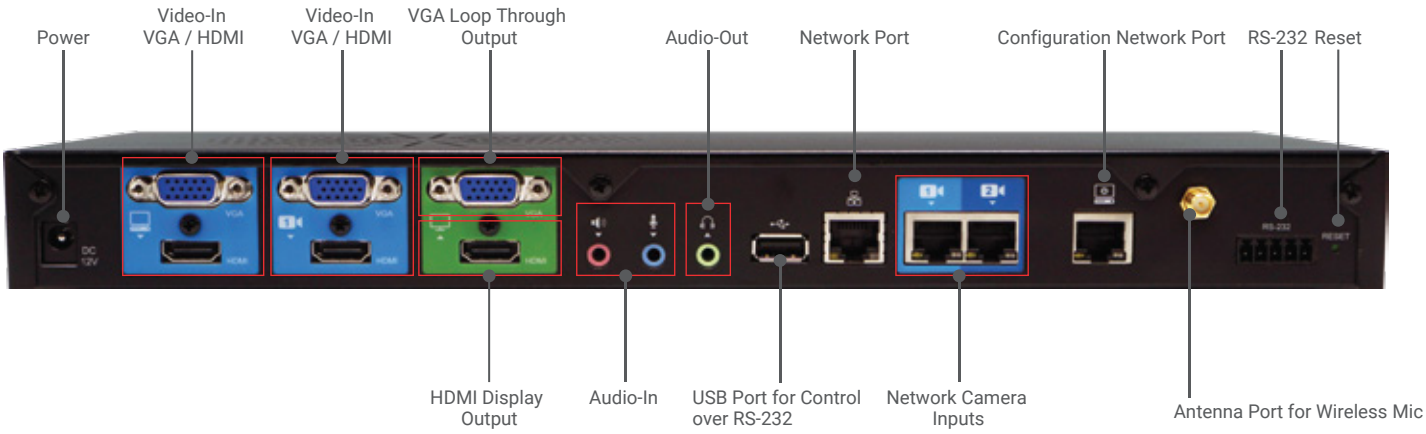

*** Require Media Server Model MS9250 or Cloud Service**

## Front View




LVP9300

## Back View




## Optional



AT355

**Auto-Tracking Camera Stand**



PM212

**Auto tracking sensor with microphone**



NC818, NC830

**18x, 30x IP Camera**



MS9250

**Media Server**

# Specifications

| | |
|---|---|
| Model Name | NEXIS LVP9300 Lecture Video Production |
| **Input Connection** | |
| Video Inputs | HDMI / VGA / RJ-45 (Supports NEXIS Full HD network camera) |
| | Note: Supports DVI and component video cable inputs with appropriate DVI to HDMI or component to VGA adaptors |
| Max. Video-In channels | Maximum 3 channel synchronized recording |
| | HDMI / VGA: up to 2 channels<br>Full HD network camera: up to 3 channels |
| Video-In Modes | HDMI: 480i~1080p60<br>VGA video: 480i~1080p60<br>VGA PC: 640 x 480~1920 x 1080 |
| Audio Inputs | Line in, Mic, wireless Mic, HDMI |
| Max. Audio-In channels | 3.5mm Stereo: 2 channels<br>Wireless Mic: 1 channel<br>HDMI: 2 channels |
| **Video Processing** | |
| Compression | H.264 / AVC |
| Frame Rate | Max. 30fps |
| Bit Rate | 500Kbps~8Mbps |
| Resolution | Max. 1080p (320x240 ~ 1920x1080) |
| **Audio Processing** | |
| Compression | AAC-LC |
| Bit Rate | 80Kbps~320Kbps |
| **Video Outputs** | |
| Video Outputs | 1x HDMI display port<br>1x VGA display port (1 output option from loop-through, inputs monitoring and multi-source display) |
| **Local Storage** | |
| External Storage | Supports USB drive recording through the front port. |
| Locally Stored File Format | MP4 |
| Local Storage | 1TB 2.5” SATAIII hard drive |
| **Remote Storage** | |
| FTP Backup | Video files will backed up automatically to FTP server after end of recording |
| **Streaming / Main System Output** | |
| Streaming Delay | 1 sec. |
| Compatible Streaming Input Protocols | RTSP, RTP, RTMP, UDP |
| Streaming Output Protocols | RTP, RTMP (RTMPS) |
| | Note:<br>1. Users can choose 1 output option from RTP or RTMP only<br>2. RTP. MPEG2-TS over RTP unicast; MPEG2-TS over RTP multicast |
| Main Output Mode (Max.) | HDMI / VGA: 1080p60 |

| | |
|---|---|
| **Recording** | |
| Camera Control | VISCA / PELCO-D / PELCO-P |
| Recording Modes | Mixed mode, 1 Mixed + 3 individual original sources |
| Sheduled Recording | Yes, Create Scheduling by Google Calendar |
| Recording Layouts | 21 layouts for pre-defined, including full screen / picture-in-picture / picture-by-picture / multi-channel split screen |
| Bookmark | Automatic and manual bookmark insertion |
| Background Images | Multiple for user-defined |
| Overlay Images | Multiple for user-defined |
| Custom Themes | Multiple for user-defined, setting from web-based back stage |
| **Live Broadcasting** | |
| Live Broadcast to CDN or Stream Server | Yes, support RTMP protocol |
| **Video Information Editing** | |
| Post Video Info Editing | Yes, through Video Manager platform |
| Video Info Adding | Video info will be added on video file name automatically while file output or uploading |
| **Operating Controls** | |
| Video Switcher | Yes, through web-based NEXIS Online Director for manual controls |
| External Control | Yes, supports RS-232 interface port |
| Control Button | Yes, at the front of the media station |
| Video Manager Platform | Built-in video manager platform : through web-based control interface |
| **General Information** | |
| Operation System | Embedded Linux system |
| Power Supply | 12V / 2A |
| Temperature / Humidity | 0~40°C / 90% |
| Dimension | 354mm(L) x 185mm(W) x 46mm(H) |
| Weight | 1.71kg (3.76 lbs) |
| Language | English / Thai |
| Accessories | Power adapter / quick guide / wireless Mic antenna |
| **Recommended NEXIS Products** | |
| NEXIS Auto Tracking Stand<br>NEXIS Auto Tracking Sensor with microphone<br>NEXIS Network Camera | |

Taipei World Trade Center Room 5F05, No.5 Hsin-yi Road, Sec. 5, Taipei 11011, Taiwan, R.O.C.

Tel : 886-2-8780-6538 sales@nexisgroup.com.tw nexisgroup.com.tw

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