NEXIS

LVP9200

Lecture Video Production



- 2 Video Sources Mixing, Switching, Recording and Live Streaming
- Easy to Create a Professional Video
- Available APIs for the Software Integration

Main Features

Easy to Create a Professional Video

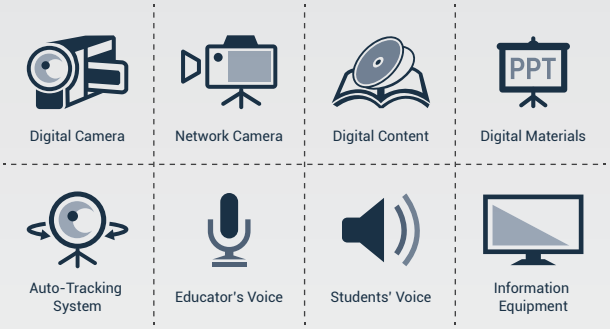
NEXIS LVP9200, a Lecture Video Production, supports 2 Full HD video sources capturing, switching, mixing, recording and live streaming simultaneously for non-technical users to produce a creative video easily and efficiently. With LVP9200, it's easy to broadcast the live image and voice of an on-going lecture or event on YouTube, Facebook, UStream, Twitch and other live broadcasting websites, allowing any participant to attend at any location in the world.



Capture 2 Video Sources at the Same Time

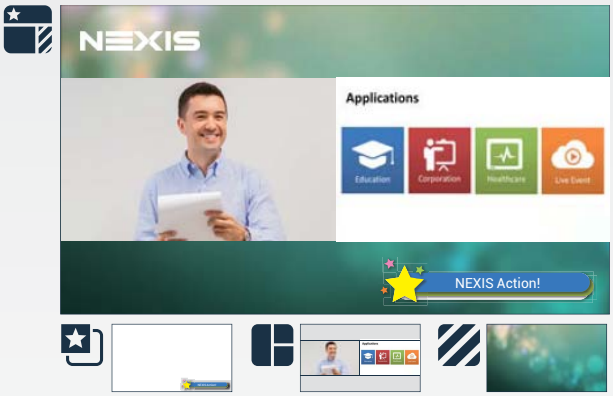
LVP9200 supports capturing 2 video sources through HDMI / VGA/ RJ45 interfaces* at the same time, and it is compatible with network cameras, laptops, PCs, digital microscopes, microphones etc. With audio support, LVP9200 can mix audio via HDMI and 3.5mm stereo.

* Compatible with DVI and Component signals via using DVI to HDMI or Component to VGA adaptor cable



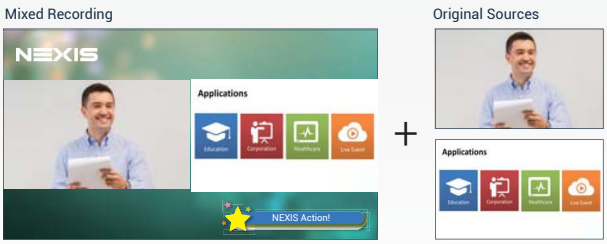
Adding Titles & Graphics to Your Video

With LVP9200, users can easily record or steam a video with a fixed layout, a pre-made background and an overlay graphic (title) to provide complete information on the video. All of the features can be selected from the control buttons on the LVP9200 Media Station before starting to take a video.



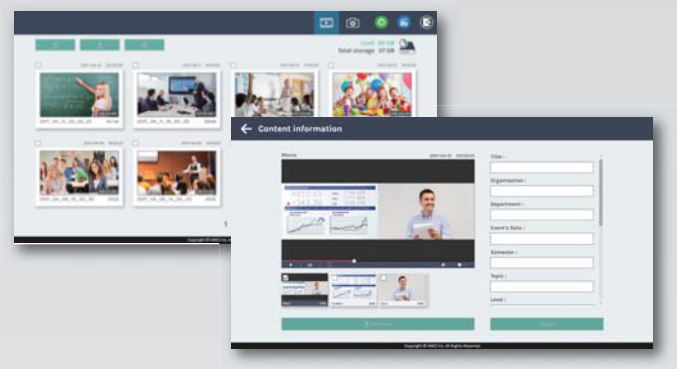
Supports 1 Mixed Video and 2 Individual Sources Recording

NEXIS LVP9200 supports multiple synchronized video/audio recording. Users can choose mixed recording mode or mixed plus original sources mode respectively. The mixed plus original sources recording mode provides 1 mixed video and 2 individual synchronized source videos for flexible use.



Video Manager: Videos with Just One Click

With the built-in Video Manager, administrators or teachers can manage videos stored in the local LVP9200 Media Station remotely. They can download, upload or delete a video file, and edit video information. With available APIs, all of the video content, metadata, and thumbnail can be delivered seamlessly for third party integration.



Recording. FTP Backup. Opencast Integration

LVP9200 can record and save hundreds of hours recording videos with built-in 1TB hard drive. It also supports automatic FTP backup to keep the recording safe. Com-patible with the Opencast server, LVP9200 and Opencast can provide a complete media solution, from recoding to publishing, to satisfy different needs.



SATA 1TB HDD

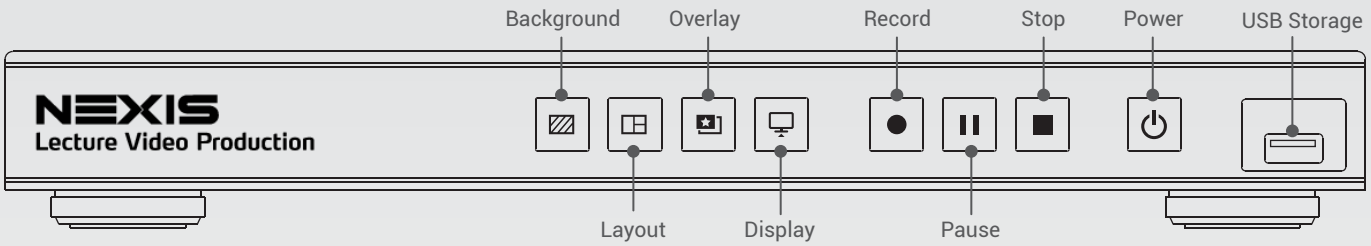


FTP Backup

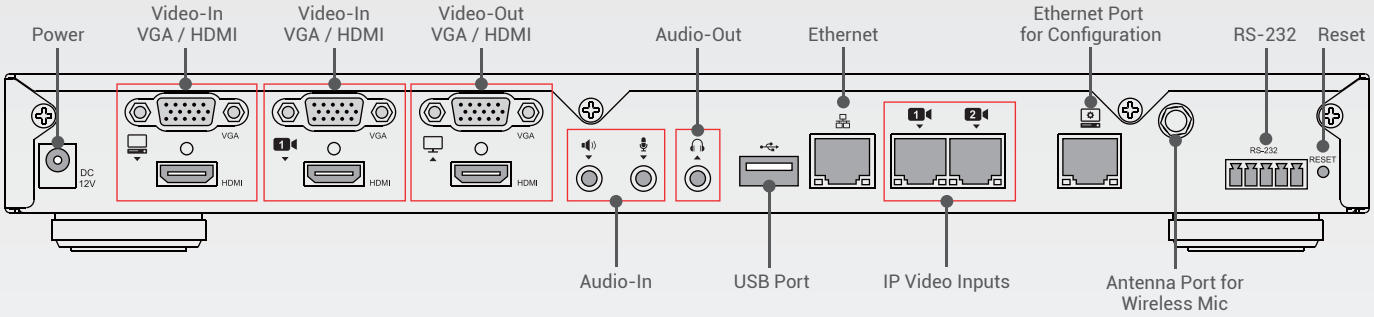


Product Interface

Front View



Back View



On-Screen Graphical User Interface



1. Overlay Images
2. Recording Layouts
3. Background
4. Custom Theme
5. Timer
6. Start / Stop Streaming
7. Start / Stop Recording
8. Snapshot
9. Playback Video
10. Setting
11. LVP9200 IP Address
12. Audio Volumn Bar
13. Display Switch

Specifications

Model Name	NEXIS LVP9200
Video Inputs	
Video-in Interface	HDMI: 2 channels / VGA: 2 channels / RJ-45: 2 channels (Supports NEXIS Full HD network camera) / IP Streaming: 2 channels
	Note: Compatible with DVI and Component signals via using DVI to HDMI or Component to VGA adaptor cable
Max. Video-In channels	Maximum 2 channel synchronized recording
	HDMI / VGA: up to 2 channels Full HD network camera: up to 2 channels
Resolution Range	HDMI: 480i~1080p60 VGA video: 480i~1080p60 VGA PC: 640 x 480~1920 x 1080
Audio-in Channels	3.5mm Stereo Mic in: 1 channel; 3.5mm Stereo Line in: 1 channel; Wireless Mic: 1 channel; HDMI: 2 channels
Video Processing	
Compression	H.264 / AVC
Frame Rate	Max. 30fps
Bit Rate	300Kbps~4Mbps
Resolution	Max. 1080p (640x360 ~ 1920x1080)
Audio Processing	
Compression	AAC-LC
Bit Rate	80Kbps~320Kbps
Video / Audio Outputs	
Video Outputs	1x HDMI display port 1x VGA display port (1 output option from loop-through, inputs monitoring and multi-source display) 2x H.264/AVC digital video over Ethernet
	Note: on-screen GUI is selectable between HDMI and VGA display port
Audio Outputs	1x 3.5mm Stereo Line out 1x HDMI
Output Resolution	HDMI/ VGA: 1080p60
Streaming	
Streaming Delay	1 sec.
Compatible Streaming Input Protocols	RTSP, RTP, RTMP
Streaming Output Protocols	RTP, RTMP (RTMPS), RTSP
	Note: 1. users can choose 1 output option from RTP or RTMP only 2. RTP: MPEG2-TS over RTP unicast; MPEG2-TS over RTP multicast 3.RTSP (TCP/ UDP): Max 6 clients RTSP streams available via public URL (example: pulled streams)
Storage, Backup, and Compatibility	
Built-in Local Storage	1TB 2.5" SATAIII Hard Drive
External Storage	Supports USB drive recording through the front port
Locally Stored File Format	MP4
FTP Backup	Automatic backup to an FTP or SFTP server after recording is done
Third-Party Software Server	Compatible with Opencast, Panopto and Kaltura

Recording	
Recording Modes	Mixed mode, 1 Mixed + 2 individual original sources
Recording Layouts	Multiple layouts for user-defined, including full screen/ picture-in-picture/ picture-by-picture
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. Stream up to 2 platforms simultaneously
Video Information Editing	
Post Video Info Editing	Yes, through Video Manager web page
Video Info Adding	Video info will be added on video file name automatically while file output or uploading
Controls of LVP9200 and Network Camera	
Touch Interface	Through recommended touch screen, interactive projector or interactive module
Mouse Device	Through USB interface connection
Video Switcher	Yes, through Online Director (web-based or desktop applications) or on-screen GUI 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: through web page
Camera Control	VISCA / PELCO-D / PELCO-P / ONVIF profiles
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	SC / TC / English / Russian / Spanish / Czech / Korean
Ethernet Port	4xRJ-45 1000 Mbps (1 Network, 2 Cam, 1 Config)
Accessories	Power adapter/quick guide/wireless Mic antenna
Recommended NEXIS Products	
NEXIS Auto-Tracking System NEXIS Network Camera Series NEXIS Wireless Microphone	

NEXIS reserves the right to modify product specifications without prior notice.