



LS-200 Media Station



- 2 Video Sources Mixing, Switching, Recording and Live Streaming
- Easy to Create a Professional Video
- Broadcast Your Mixed Video to 2 Platforms Simultaneously

Main Features

Capture 2 Video Sources at the Same Time

Via HDMI, VGA, RJ-45 interfaces or streaming inputs, AREC LS-200 supports up to 2 Full HD 1080p video and audio sources capturing, mixing, switching, recording and live streaming for users to produce a professional video easily and efficiently.



Broadcast Your Mixed Video

AREC LS-200 can stream mixed video to up to 2 platforms simultaneously, such as YouTube, Facebook, Twitch and other live broadcasting websites.



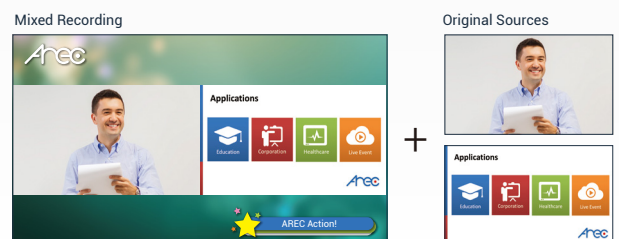
Real-Time Assistant in Video Making

Built-in Online Director of AREC LS-200 allows users to be in control of their recording/streaming. With one touch design, it's possible to switch between sources, add or remove logos, backgrounds and overlays, change layouts and themes.



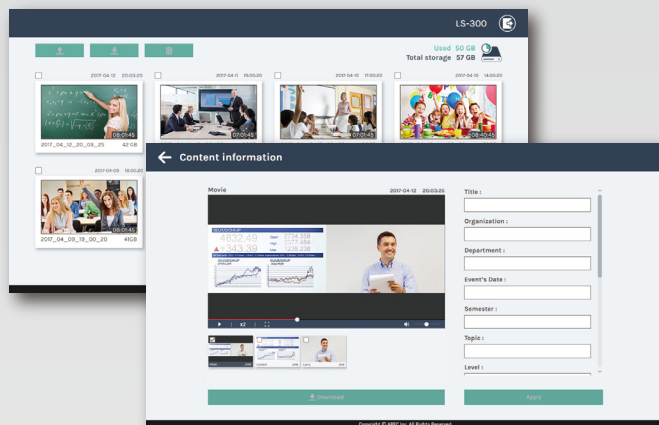
1 Mixed and 2 Individual Video Sources Recording

AREC LS-200 supports video and audio recording at once. As users choose "mixed plus original sources mode" recording, LS-200 can provide 1 mixed video and 2 individual source videos for flexible use.



AREC Video Manager: Videos with Just One Click

With the built-in Video Manager, administrators or teachers can manage videos stored in the LS-200 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.



Backup Your Recordings

AREC LS-200 protects your videos by saving them on an internal 1TB hard drive. To increase security, LS-200 can automatically backup/upload recordings to AREC Media Center, FTP, SFTP, Opencast and others.



SATA 1TB HDD

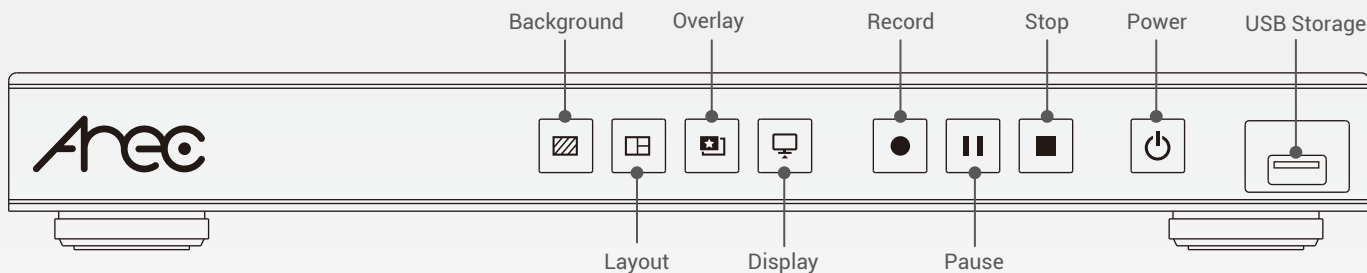


OPENCAST
FTP Backup

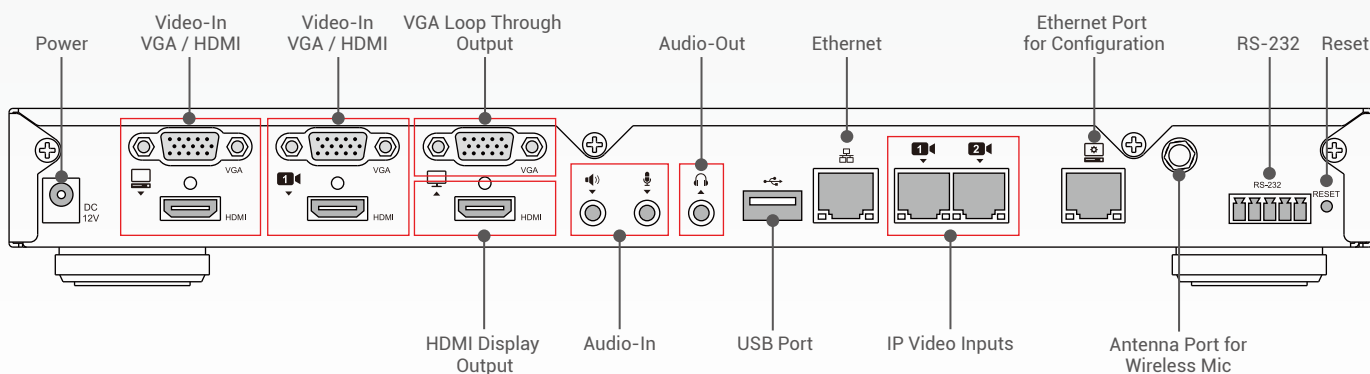


Product Interface

Front View



Back View



Specifications

Model Name	AREC LS-200 Media Station
Input Connection	
Video Inputs	HDMI/ VGA/ RJ-45 (Supports AREC Full HD network camera)
	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
Video-In Modes	HDMI: 480i~1080p60 VGA video: 480i~1080p60 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; Wireless Mic: 1 channel; 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 / Audio Outputs	
Video Outputs	1x HDMI display port 1x VGA display port (1 output option from loop-through, inputs monitoring and multi-source display)
Output Resolution	HDMI/ VGA: 1080p60
Audio Outputs	3.5mm Stereo Line out: 1 channel; HDMI: 1 channel
Storage, Backup and Compatibility	
Built-in Local Storage	1TB 2.5" SATA III 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 Media Server
Streaming	
Streaming Delay	1 sec.
Compatible Streaming Input Protocols	RTSP, RTP, RTMP, UDP
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)

Recording	
Camera Control	VISCA / PELCO-D / PELCO-P
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
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
Operating Controls	
Video Switcher	Yes, through web-based AREC 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 Remote Control	Built-in Video Manager: through web page
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
Accessories	Power adapter / quick guide / wireless Mic antenna



AREC Inc. | www.arec.com | sales@arec.com
 Address: 3F, No. 367, Sec.2, Wenhua RD., Banqiao Dist., New Taipei City 220,
 Taiwan (R.O.C)
 TEL: +886-2-8259-5060

Exclusive Representative in Europe, Africa and CIS countries
 ADENA Limited | www.a-dena.com
 E-MAIL: yakov@a-dena.com
 TEL: +886 2 2577 7667