



LS-200 Media Station

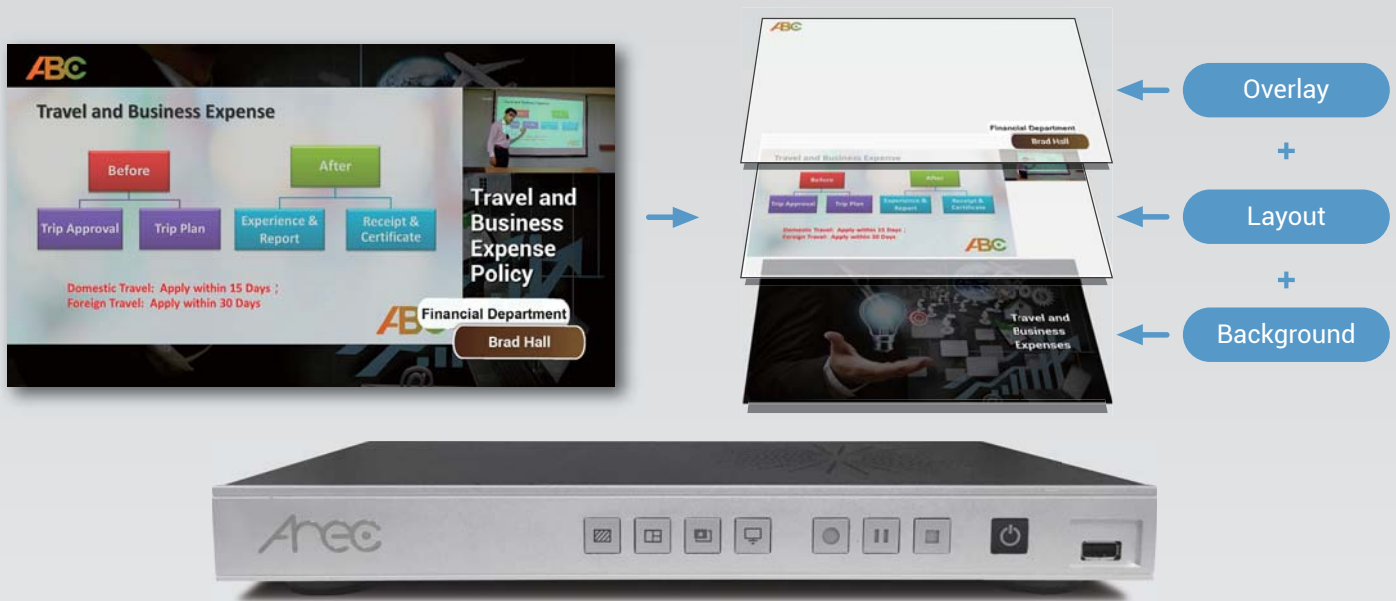


- 2 Video Sources Mixing, Switching, Recording and Live Streaming
- Easy to Create a Professional Video
- Broadcast Your Mixed Video to 2 Platforms Simultaneously

Main Features

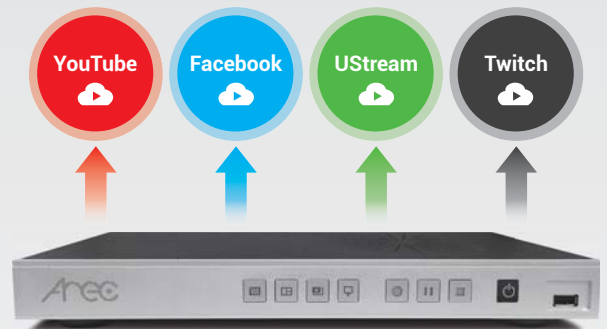
Capture 2 Video Sources at the Same Time

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.



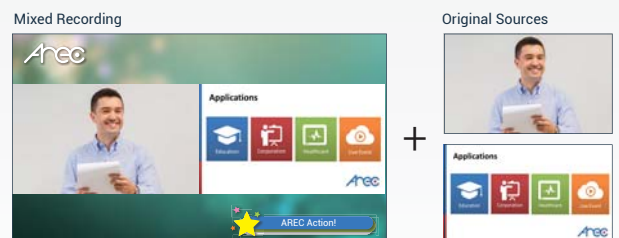
Real-Time Assistant in Video Making

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 backgrounds and overlays, and change layouts and themes.



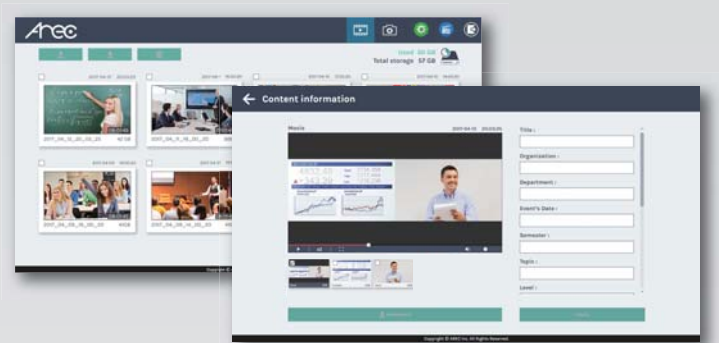
1 Mixed and 2 Individual Video Sources Recording

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, Kaltura and Panopto.



SATA 1TB HDD

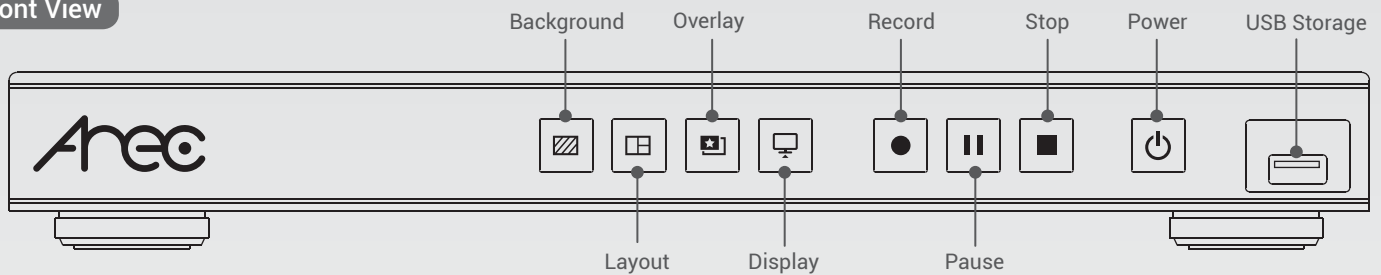


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FTP Backup

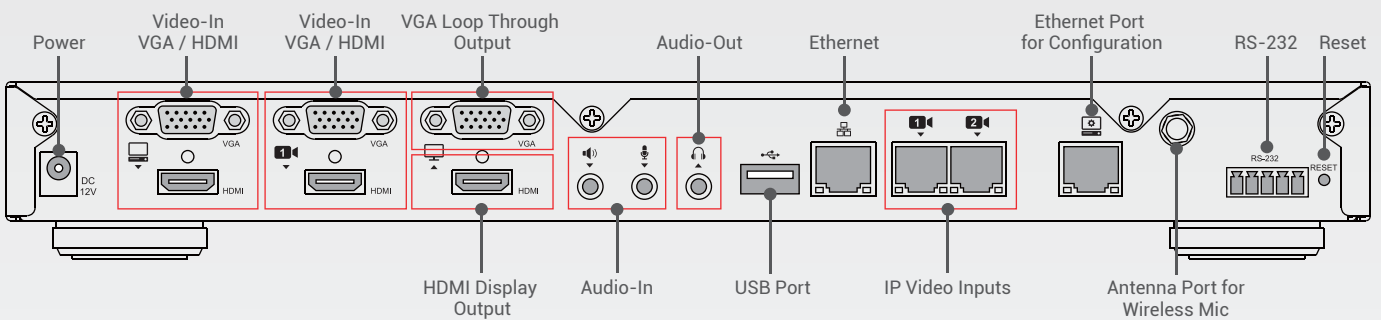


Product Interface

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 LS-200 IP Address
- 12 Audio Volumn Bar
- 13 Display Switch

Specifications

Model Name	AREC LS-200 Media Station
Video Inputs	
Video-in Interface	HDMI: 2 channels / VGA: 2 channels / RJ-45: 2 channels (Supports AREC 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 LS-200 and Network Camera	
Touch Interface	Through recommended touch screen, interactive projector or interactive module
Mouse Device	Through USB interface connection
Video Switcher	Yes, through AREC 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
Accessories	Power adapter / quick guide/ wireless Mic antenna
Recommended AREC Products	
AREC Auto-Tracking System AREC Network Camera CI Series AREC Wireless Microphone	



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