



AREC MS-550 Media Station

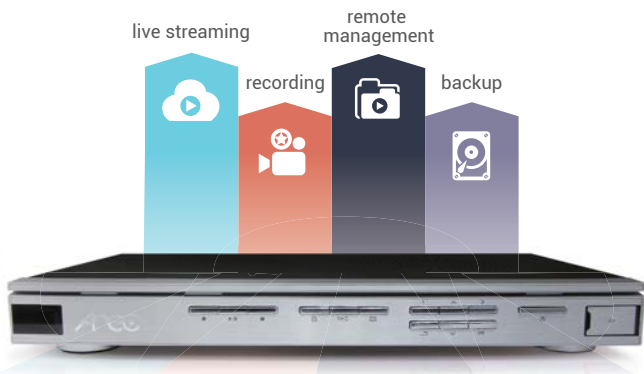


- A true all-in-one device to offer high quality Full HD synchronized recording, storage, backup, live streaming and remote management
- Make a video like a pro with built-in online director
- Built-in video management platform for remote management

Main Features

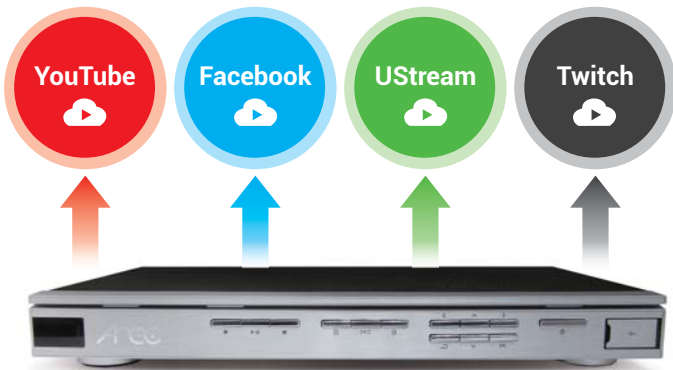
Easy to Create Your Live Video Like a Pro

AREC MS-550 media station supports 4-channel Full HD video capturing, mixing, switching, recording, live streaming, online director, remote management and backup etc. AREC Media Stations are built on lowering the entry barrier of using professional, AV broadcasting related devices. With the combination of network communication, intuitive user interface and all-in-one product design, AREC media stations were designed to support every user could enjoy making and delivering high quality videos without any professional skills.



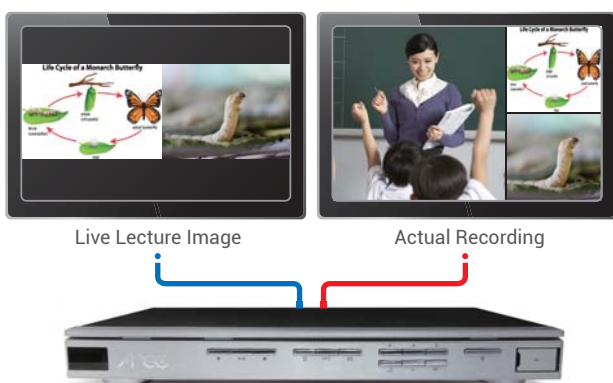
Achieve Multi-Source Live Streaming

Supporting multi-source switching and mixing, MS-550 provides multi-source live streaming to broadcast the live image and voice of an on-going lecture or event on YouTube Live, Facebook, UStream, Twitch and other live broadcasting websites, allowing any participant to attend at any location in the world.



Proprietary Signal Separation Technology

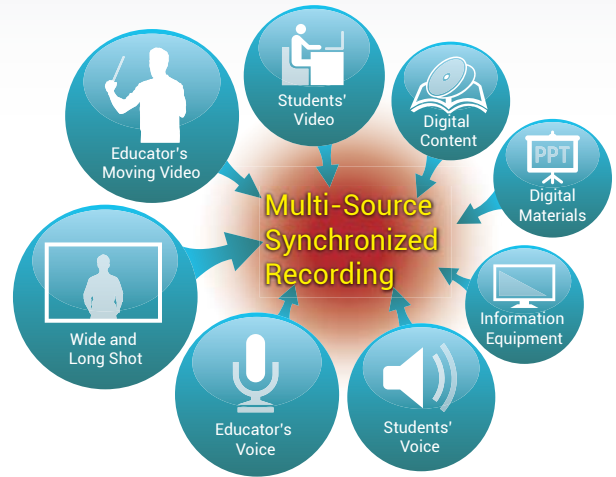
AREC's proprietary Signal Separation Technology allows the flexibility of single or dual source front stage (live lecture) display while simultaneously performing multi-source and multi-screen recording. This feature has been widely used in diverse vocational education and simulation labs.



Multiple Sources Capturing

MS-550 supports synchronized capturing of multiple sources through HDMI / VGA/ RJ45 interfaces, it is compatible with network cameras, laptops, PCs, digital microscopes, wireless microphones etc.

*Supports DVI and component video cable inputs when using appropriate DVI to HDMI or component to VGA adaptors.



AREC Online Director : Real-Time Assistant in Video Making

Built-in Online Director, AREC MS-550 allows switching and mixing between multiple cameras and digital content sources. It supports control and monitoring the cameras' field of view, movement, switching image layout, and adjusting audio volume etc. In addition, AREC has launched the exclusive app "Arec Action!", which allows users to control their streaming and recording from a mobile tablet*.

*"Arec Action!" is free to download (available on iPad)



Video Management Platform

Built-in all-new video management platform, administrators or teachers can manage lecture videos stored in the local media station remotely. They can rename, upload or delete a video file. With user account management and system management platform, administrators can also access the system settings and control options through the Internet.



Multiple Recording Layouts

AREC MS-550 provides highly flexible recording layouts options, including full screen, picture-in-picture, picture-by-picture, and multi-channel split screen types. From web-based back stage, users can choose 9 user-defined layouts for easy to use and switching.

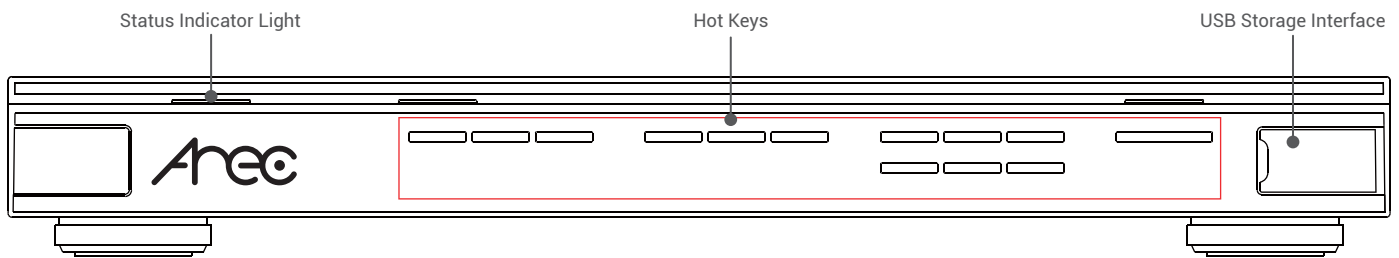
Graphical User Interface

MS-550 comes with a fully graphical user interface utilizing information visualization in order to minimize the learning curve required. A remote control allows for easy operation of MS-550's comprehensive capabilities including screen split, lecture recording and live streaming etc.

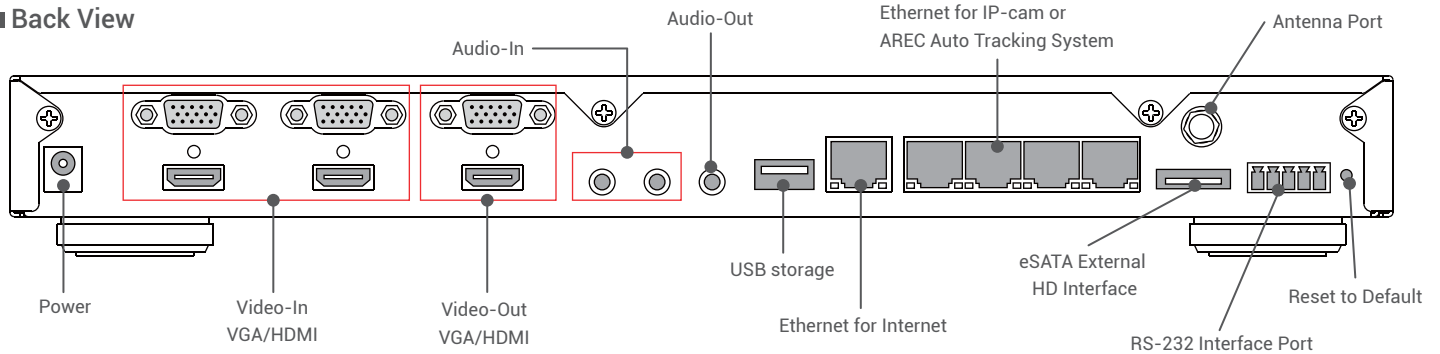


Product Interface

Front View

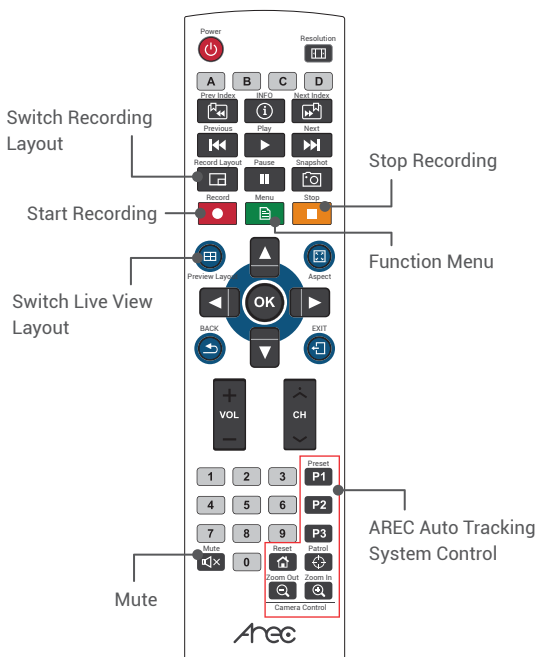


Back View



Remote Control Instruction

Digital Online Director Instruction



TP-100 Auto-Tracking System Controls

Specifications

Model Name	AREC MS-550 Media Station	Playback	
Input Connection		Local Video	Yes
Video Inputs	HDMI/ VGA/ RJ-45 (Supports AREC Full HD Network Camera)	Select by Index	Yes, browse playable content through index
	Note: Supports DVI and component video cable inputs with appropriate DVI to HDMI or component to VGA adaptors	Recording	
Max. Video-In channels	Maximum 4 channels synchronized recording	Speaker Tracking	Yes, with AREC TP-100 Auto Tracking System
	HDMI/VGA: 2 channels Full HD network camera: 4 channels	Recording Modes	Mixed recording
Video-In Modes	HDMI: 480i~1080p60 VGA Video: 480i~1080p60 VGA PC: 640 x 480~1920 x 1080	Recording Layout	9 layouts, 9 for user-defined
	Audio Inputs	Line in, Mic, Wireless Mic, HDMI	Index (keyword tagging)
Max. Audio-In channels	3.5mm Stereo: 2 channels; Wireless Mic: 1 channel; HDMI: 2 channels	Auto Logo Insertion during Recording	Yes, through web-based back stage management setting
	Video Processing		Video Information Editing
Compression	H.264 / AVC	Post Video Info Editing	Yes, through video management platform
Frame Rate	Max. 30fps	Opening and Ending Video Adding	Yes, through web-based back stage management setting
Bit Rate	500Kbps~8Mbps	Video Info Adding	Video info will be added on video file name automatically while file output or uploading
Resolution	Max. 1080p (320 x 240 ~ 1920 x 1080)	Operating Controls	
Audio Processing		Remote Controller	Yes, included within the package
Compression	AAC-LC	Video Switcher	Yes, through built-in AREC Online Director for manual controls
Bit Rate	80Kbps~320Kbps	Video Switcher from Tablet	Yes, through free "AREC Action!" app for tablet manual controls (available on iPad)
Local Storage		External Control	Yes, supports RS-232 interface port
External Storage	USB / eSATA	Video Management Platform	Built-in video management platform: through web-based control interface
Locally Stored File Format	MP4	General Information	
Remote Storage		Operation System	Embedded Linux System
FTP Backup	Video files will be backed up automatically to FTP server after end of recording	Power Supply	12V / 2A
Streaming Protocols/ Main System Output		Temperature / Humidity	0~40°C / 90%
Streaming Delay	1 sec	Dimension	354mm(L) x 188.2mm(W) x 46mm(H)
Compatible Streaming Input Protocols	RTSP, RTP, RTMP, UDP	Weight	1.33 kg (2.9 lbs)
Streaming Output Protocols	RTP, RTMP (RTMPS), RTSP	Language	SC / TC / English / Russian / Spanish / Czech
	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)	Accessories	Remote controller / power adapter / wireless Mic antenna / quick guide
Main Output Mode (Max.)	HDMI / VGA : 1080p60	Recommended AREC Products	
Local Display		AREC Auto-Tracking System AREC Network Camera CI Series AREC Wireless Microphone	
Local Viewing Layout	9 layouts, 9 for user-defined	AREC Inc. www.arec.com sales@arec.com Headquarters: Taipei, Taiwan Address: 3F, No. 367, Sec.2, Wenhua RD., Banqiao Dist., New Taipei City 220, Taiwan (R.O.C) TEL: +886-2-8259-5060	
Display Layout	Full screen / picture-in-picture / picture-by-picture / multi-channel split screen	FC CE ENE RÖHS	
Live Broadcasting		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	
Campus Station to Station Live Broadcasting	Yes		
External Website Broadcasting	Yes, through the Internet		