



AREC KS-710

Media Station



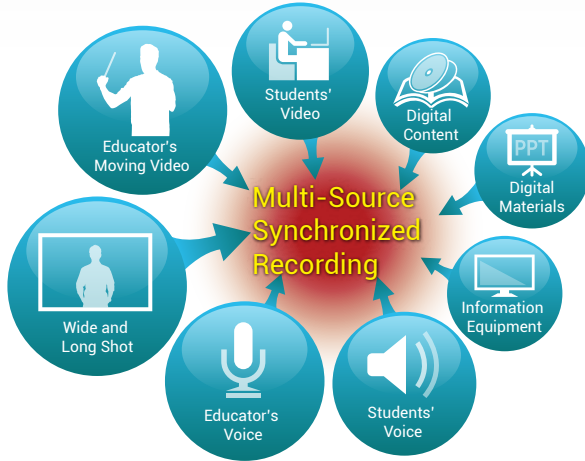
- A true all-in-one device to offer high quality Full HD synchronized recording, storage, backup, live streaming and remote management
- Built-in 1TB Local Hard Drive and Professional Online Director
- Flexible 4-Channel-In and 5-Channel Video-Out Design

Main Features

Multi-Source Synchronized Recording

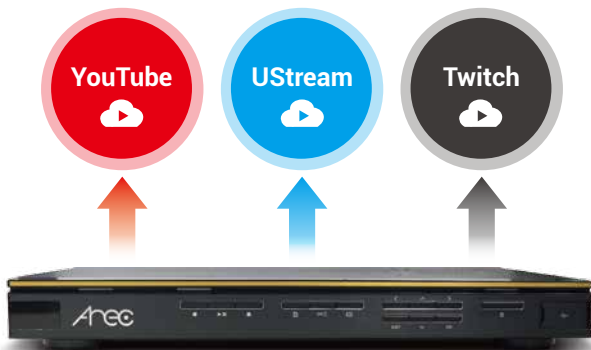
KS-710 supports synchronized multi-source recording through HDMI/VGA/RJ45 interfaces currently found on Full HD network cameras, notebook PCs, digital microscopes, DVD players, wireless microphone etc.

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



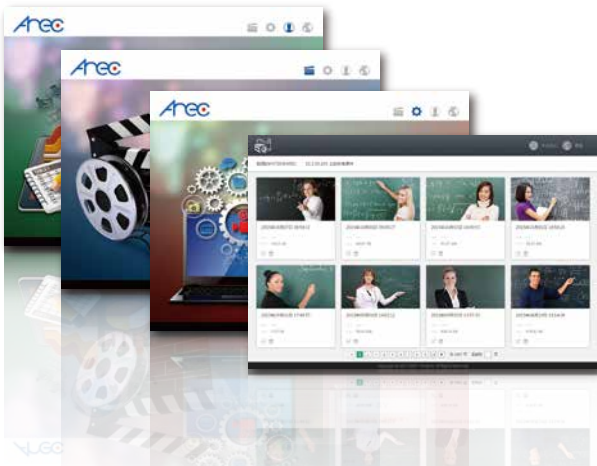
Achieve Multi-Source Live Streaming

Except supporting multi-source recording, KS-710 also provides multi-source live streaming to broadcast the live image and voice of an on-going lecture or event on YouTube Live, UStream, Twitch and various other web-based live streaming websites, allowing viewers to attend at any location through the Internet.



Video Management Platform

Built-in all-new video management platform, administrators or teachers can manage lecture videos stored in local machine remotely, such as renaming/uploading/deleting a video file, inserting lecture index functions etc. With user account management and system management platform, administrators can also access the system setting and management options through the Internet.



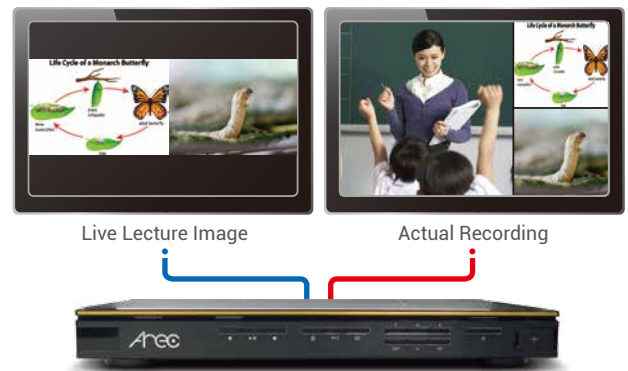
Flexible 4-Channel-In and 5-Channel Video-Out Design

KS-710 supports up to 4-input sources capturing and up to 5-channel synchronized video outputs. Users can choose "multi-view recording" or "multi-channel + multi-view recording" modes accordingly. The multi-view recording (also known as live video mixing or switching) requires less storage space and can be immediately watched when live streamed. The multi-channel + multi-view recording can record up to 4 original but synchronized video sources with 1 mixing (or switching) video output for flexible using or post-production editing.



Proprietary Signal Separation Technology

AREC's Signal Separation Technology allows the flexibility of single or dual sources 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.



Built-in Hard Drive Storage and Online Director

With 1TB built-in hard drive, KS-710 not only stores hundreds of hours recording videos but also enhances the overall efficiency. Besides, KS-710 has built in online director that is used to control and monitor the cameras' field of view, camera mount precision movement, image source switch, image layout switch and audio mixer functions etc.



Intelligent Video Switcher / Intelligent Presentation Indexing

When paired with AREC Auto Tracking System, Student Tracking System and Presentation Index Application, the Intelligent Video Switcher can switch video source automatically. Moreover, when used with Presentation Index Application, KS-710 supports auto video index creation and insertion for expanded educational value and possibilities.



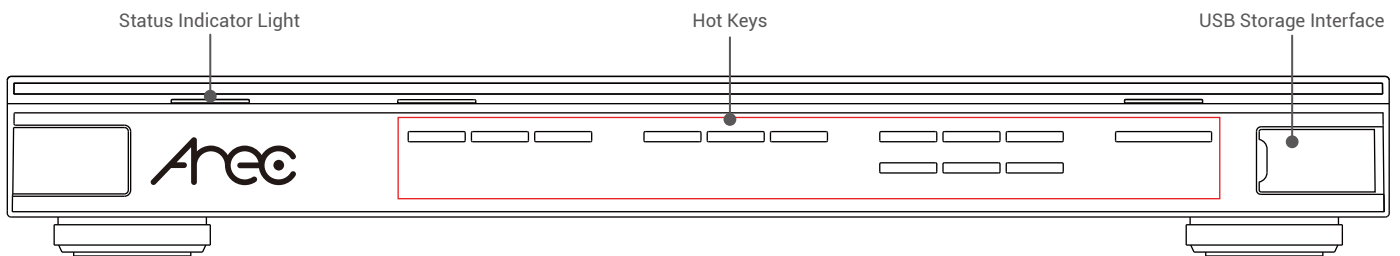
Graphical User Interface

KS-710 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 KS-710's comprehensive capabilities including screen split, lecture recording and live streaming etc.

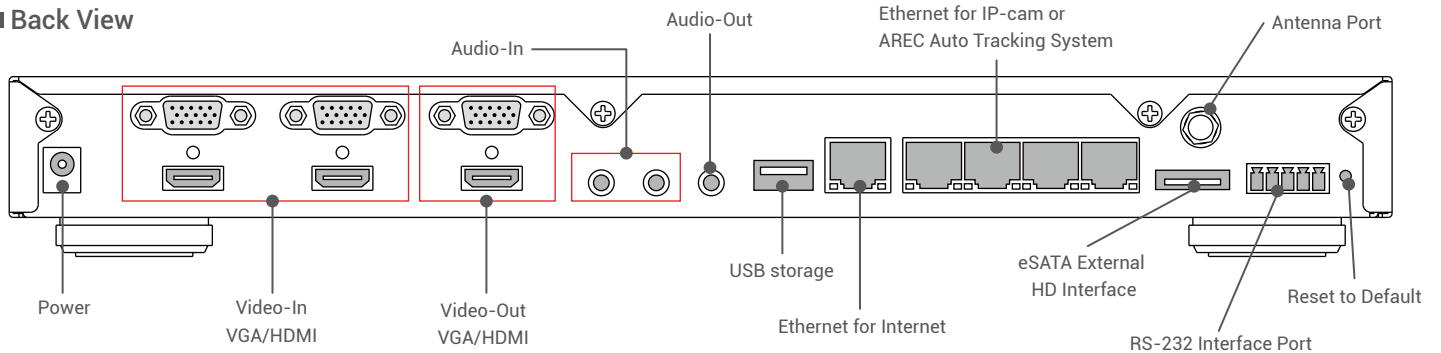


Product Interface

■ Front View

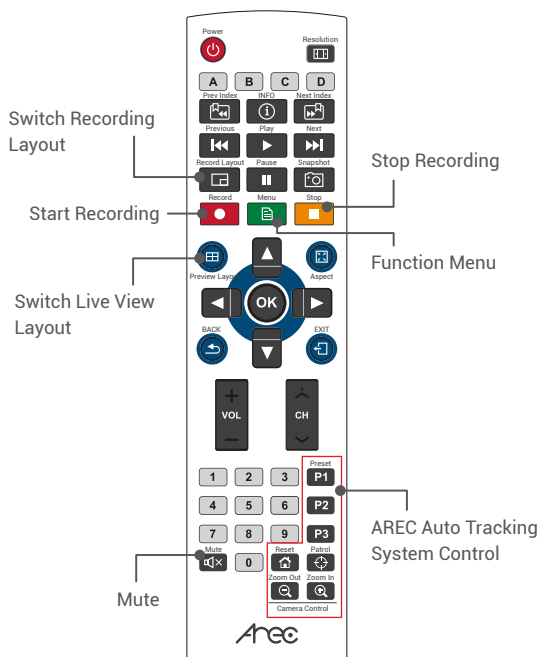


■ Back View



Remote Control Instruction

Digital Online Director Instruction



Specifications

Model Name	AREC KS-710 Media Station
Input Connection	
Video Inputs *	HDMI/ VGA/ RJ-45 (Supports AREC Full HD Network Camera)
Max. Video-In channels	Maximum 4 channels synchronized recording HDMI/VGA: 2 channels Full HD network camera: 4 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
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	64Kbps~24Mbps
Resolution	Max. 1080p (320 x 240 ~ 1920 x 1080)
Audio Processing	
Compression	AAC-LC
Bit Rate	80Kbps~320Kbps
Local Storage	
External Storage	USB / eSATA
Locally Stored File Output Format	MP4
Local Storage	1TB 2.5" SATA III Hard Drive
Remote Storage	
FTP Backup	Video files will be backed up automatically to FTP server after end of recording. (Independent Design. There is no interruption while recording or playback.)
Streaming / Main System Output	
Streaming Delay	1 sec
Streaming Format	Input : RTSP, RTP, RTMP, UDP Output : RTP, RTMP, UDP
Main Output Mode (Max.)	HDMI / VGA : 1080p60
Local Display	
Local Viewing Layout	9 layouts, 9 for user-defined
Display Layout	Full screen / picture-in-picture / multi-channel split screen
Recording	
Speaker Tracking	Yes, with AREC TP-100 Auto Tracking System
Student Tracking**	Yes, with AREC Student Tracking System
Recording	Multi-channel + Multi-View recording / Multi-View recording
Recording Layout	9 layouts, 9 for user-defined
Index (keyword tagging)	Automatic and manual index insertion
Auto Logo Insertion during Recording	Yes, through web-based back stage management setting
Presentation Smart Index	Yes, can be activated through AREC supplied application software
Intelligent Video Switcher	Yes, supports 3 intelligent video switcher modes

Live Broadcasting	
Campus Station to Station Live Broadcasting	Yes
External Website Broadcasting	Yes, through the Internet
Playback	
Local Video	Yes
Select by Index	Yes, browse playable content through key note index
Video Information Editing	
Post Video Info Editing	Yes, through video management platform
Post Key Notes Editing	Yes, through video management platform stage to add and delete key notes
Video Info Adding	Video Info will be added on video file name automatically while file output or uploading
Operating Controls	
Remote Controller	Yes, included with the purchase
Manual Video Switcher	Built-in online director: through web-based control interface
External Control	Yes, supports RS-232 interface port
Video Management Platform	Built-in video management platform: through web-based control interface
General Information	
Operation System	Embedded Linux System
Power Supply	12V / 2A
Temperature / Humidity	0~50°C / 90%
Dimension	354mm(L) x 188.2mm(W) x 46mm(H)
Language	SC / TC / English
Accessories	Remote controller / power adapter / wireless Mic antenna / quick guide
Recommended AREC Products	
AREC Auto-Tracking System TP-100 AREC Student Tracking System AREC Network Camera CI Series AREC Wireless Microphone AM-500	

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

** AREC Student Tracking System is based on the 32 channel PTZ system concept



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