



# AREC DS-X09 Playout Station

FHD Decoder with HDMI Output



- Select Up to 9 1080p IP Video Sources, Mix and Display via HDMI Output
- H.264/AVC Video Decoding and AAC Audio Decoding
- Customise and Switch Themes Through Free AREC Software



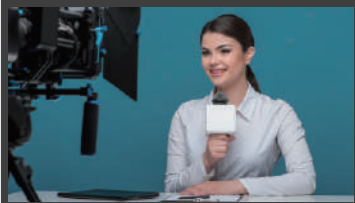
This product complies with the NDI|HX, a technology of NewTek, Inc.

### Display Video Sources from Anywhere

The AREC DS-X09 Payout Station is designed to directly decode IP streams, simplifying the process of viewing content on a local display or projector. These streams can be sourced from the local network or the Internet, originating in various locations such as lecture halls, surgery rooms, nature observation chambers, and conference rooms.

### Decode, Display, and Stream a Variety of Applications and Locations

Broadcasting Studio



Lecture Stream



Live Surgery



Nature Observation



Educational Video



Conference



Digital Signage



Monitoring



#### Instantly View and Display IP Streams

DS-X09 enables users to configure a list of up to 96 local and remote network streams using RTMP, RTP, RTSP, and NDI protocols. It can decode and display up to 9 streams simultaneously, presenting them through a customizable single video output. This output can vary in resolution from 640x480 to 1080p30, accessible via the HDMI interface.

\* RTSP protocol streams are supported with video only on the DS-X09.



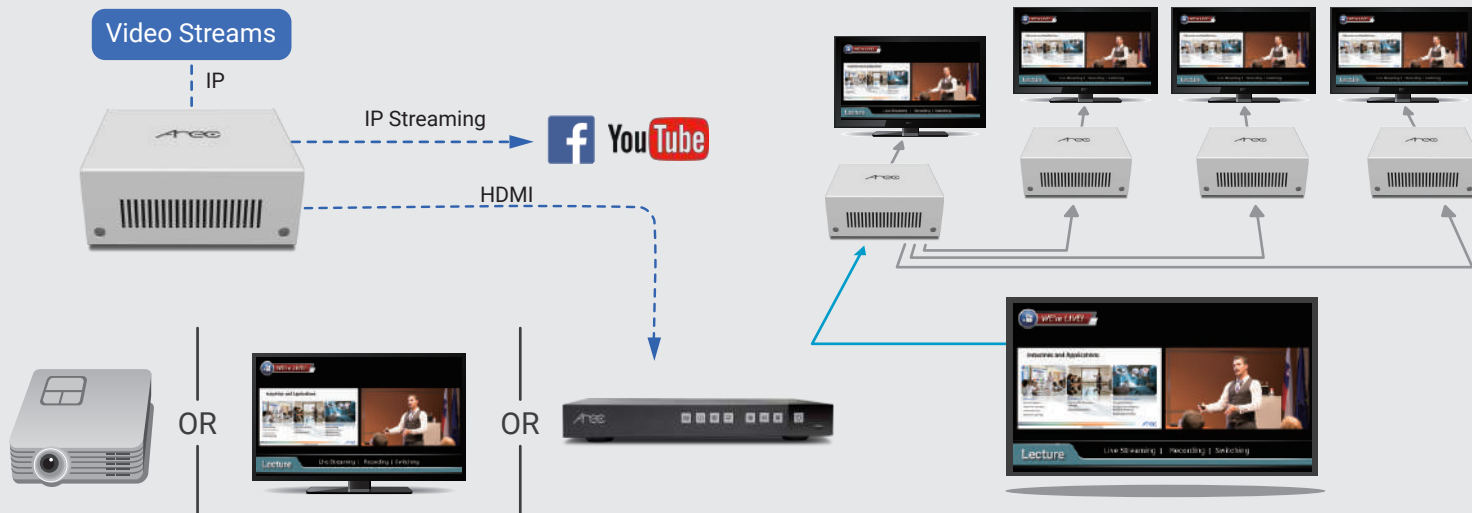
#### Control Using AREC Multi-view Maker

The AREC Multi-view Maker software for the DS-X09 provides comprehensive control over the video output of the station. The software makes it simple for users to add, mix, and switch between different layout combinations of network sources.



## Simple to Use and Integrate

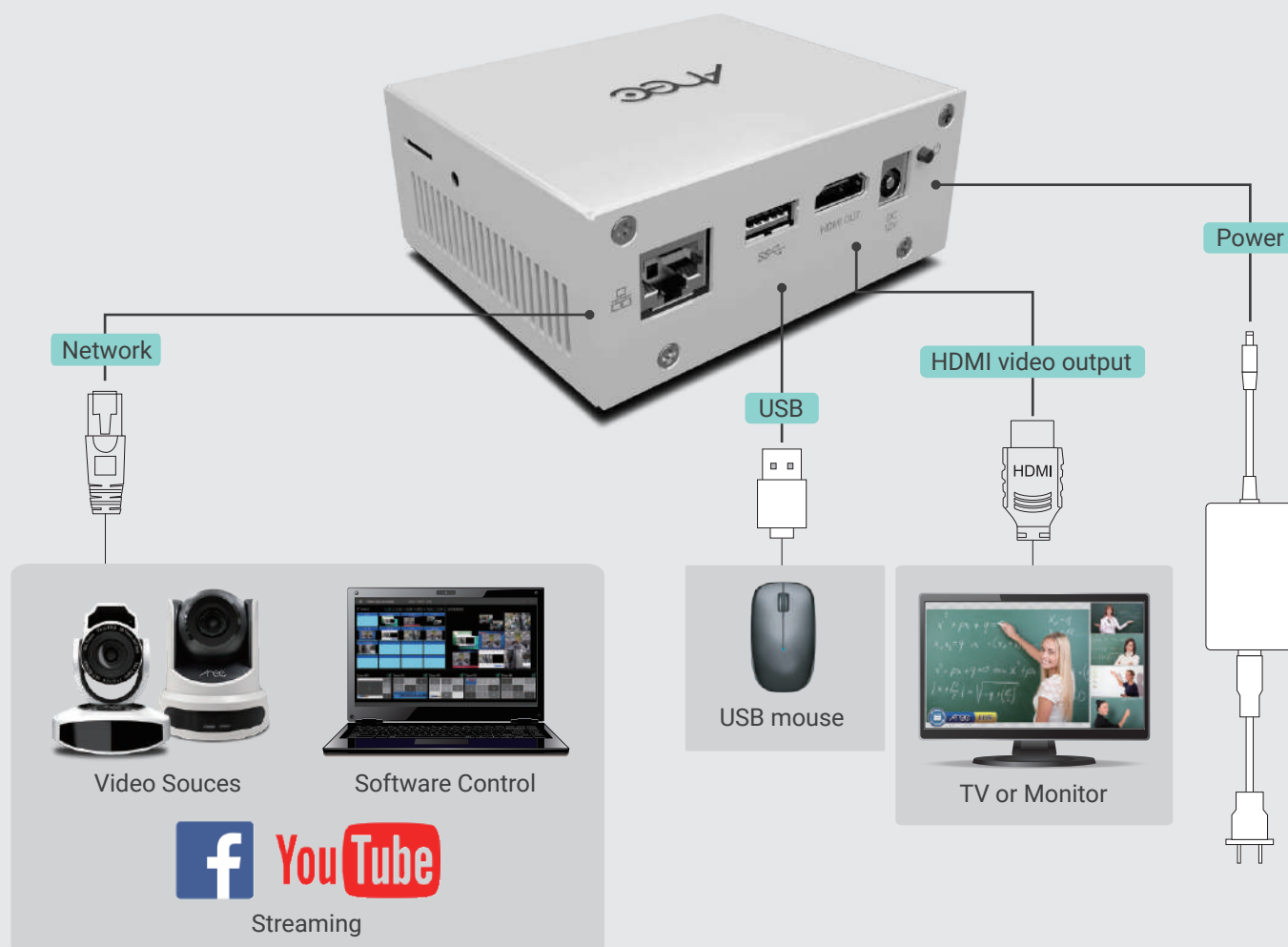
The DS-X09 can be utilized either independently or in conjunction with other devices like AREC Media Stations, where it serves to expand the capacity for simultaneously connected and displayed network sources. On its own, it enables direct streaming to well-known CDNs such as YouTube, Facebook, and others via the RTMP protocol.



## Add Streaming Access Points

Thanks to the integrated Live Streaming Server feature, each DS-X09 within the network architecture can function as an additional streaming access point for content delivery. This not only alleviates the load on the origin server, but also enhances the viewing experience for end-users.

## Product Interface and Connection



## Specifications

|                                      |                                                                                      |
|--------------------------------------|--------------------------------------------------------------------------------------|
| Model Name                           | DS-X09 Playout Station (FHD Decoder)                                                 |
| Video and Audio Inputs               |                                                                                      |
| Inputs Interface                     | 1x RJ-45 (IP streaming): up to 96 streams                                            |
| Resolution Range                     | H.264 / AVC, max. 1080p 30fps                                                        |
| Compatible Streaming Input Protocols | RTMP (video+audio)<br>RTP (video+audio)<br>RTSP (video only)<br>NDI HX (video+audio) |
| Decoding                             |                                                                                      |
| Maximum Decode Resolution            | Up to 9 channel sources, up to 1920x1080@30fps                                       |
| Video Compression                    | H.264/ AVC                                                                           |
| Audio Compression                    | AAC-LC                                                                               |
| Live Streaming Server                | Embedded RTMP live-streaming server                                                  |
| Streaming Delay                      | 1 sec.                                                                               |
| Local Display                        |                                                                                      |
| Output Interface                     | 1x HDMI, HDMI 1.4                                                                    |
| Output Resolution                    | HDMI: 1080p30                                                                        |
| Control Interface                    |                                                                                      |
| Control I/O                          | 1 x USB (Type-A)<br>1 x 100/1000 Mbps Ethernet (RJ-45)                               |
| General Information                  |                                                                                      |
| Operation System                     | Embedded Linux System                                                                |
| Power Supply                         | 12V/3A DC                                                                            |
| Power Consumption                    | 25W                                                                                  |
| Temperature / Humidity               | 0~40°C/ 90%                                                                          |
| Chassis Material                     | Metal (Steel)                                                                        |
| Chassis Color                        | White                                                                                |
| Dimensions (W×H×D)                   | 95 × 80 × 32mm                                                                       |
| Weight                               | 330g                                                                                 |
| Language                             | TC/ English                                                                          |
| Accessories                          | Power adapter / quick guide                                                          |



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