

BSM HD+SOFTWARE

THE PLAYBACK PLATFORM OF ALL BSM VIDEO SERVERS

PLAYLISTS, SCHEDULER, INTEGRATION

An easy to use graphical user interface lets you manage playlists, add and remove 2D and 3D videos, replace audio channels of the videos and much more. With the built-in scheduler you can define playback dates and times for your playlists.

The software implements an UDP and RS232 based remote control. Direct integration into Crestron® based media control environment with the network based Crestron CNX interface is possible.

PERFECT LINEAR VIDEO PLAYBACK IN 2D AND 3D UP TO 60 FPS

We have put all our efforts to ensure smooth playback of video up to 60 frames per seconds. The software allows adjusting output resolution and signaling timings for correct playout of videos with different frame rates. Additionally, it synchronizes the video signals to have frame and pixel synchronous playback on all channels, what is necessary to achieve perfect 3D and/or multichannel projections.

IMAGE WARPING, EDGE BLENDING, IMAGE ENHANCEMENT

You can easily adjust warping by editing control points of a spline curve based warping mesh or modify every single point of the warping grid manually. The blending curve can be adjusted by gamma for each color – just bring your blending edges parallel with warping and apply the blend mask. The HD+Software can do image enhancements like Sharpening, Saturation, Brightness and Contrast.

INTERFACE FOR AUTO CALIBRATION AND ALIGNMENT

The warping and blending feature can also be controlled with an Auto Calibration system that measures changes in projector and surface positions and adjusts the warping parameters to have a perfectly aligned system by just pressing one button.

HD+ MOVIE LICENSING SYSTEM

The HD+Software implements a proprietary licensing system for copy protected contents. It allows content creators to distribute their movies with a strong encryption and grant playback of the movies on specific servers for a specific durations. The licenses are transferred over the internet with one of the safest authentication and encryption methods currently available.

