

## DS2 8K

### All-in-One Edge Blending Controller



#### Features

- Supports geometry correction
- Supports gamma correction
- Built in 8K media player with 128G on board storage
- One 4K@60 HDMI capture channel
- Supports alpha transparency on HDMI capture
- Up to 6 HD HDMI or 3 4K HDMI outputs
- Custom pre-set layouts
- Supports 3<sup>rd</sup> controller recall on pre-set layouts
- Independent colour adjustment for each connected projector
- Supports flat, curved, or spherical projection surfaces
- Video wall controller function with PiP, zoom, position and so on features.
- Supports a variety of shaped open windows, such as heart-shaped, diamond, square, clouds and so on
- Supports special effects on video windows edge
- Support picture in picture with HDMI capture source
- Supports audio
- Unique screen messenger feature to send live message and images onto video wall via Cloud on smart phones
- Supports customised scrolling text
- Display photos from local PC, USB, or phones onto video wall
- Controllable via IP or RS232
- Supports different output resolutions
- Lockable power supply

#### Overview

The DS2 8K is the device combining edge blender, video wall controller and 8K media player together in one unit. It is not only able to blend up to 6 projectors together using a single unit into one flat seamless display but also able to warp geometries on non-standard surface to form curved or spherical projection surface.

In addition to its ability of edge blending at the output sides, DS2 8K can capture extra HDMI video source and display them onto the projection screen anywhere and any size. Moreover, DS2 8K also has an embedded 8K media player which enables the unit output up to 2 different 8K video source played locally in addition to the captured HDMI video source. Moreover, users can drag & drop any images onto the projection screens walls.

DS2 8K units can be easily configured via IP connection or RS232 to a Windows based PC running management software. The Windows based software provides a user-friendly GUI, greatly simplifying the system configuration. DS2 8K units can run standalone without the connection to the control PC, once configured.

Models	Built-in 4K Media Player	Input		Output	
		HDMI	Format	HDMI	Format
DS2-6H	128G	1	HDMI 2.0	6	HDMI 1.3
DS2-3UH	128G	1	HDMI 2.0	3	HDMI 2.0

## Specifications

Dimensions(W*D*H) (mm)	220 x 125 x 45
Embedded Media Player Resolution	7680 x 4320 @60
Embedded Media Player Storage	128G
Input Connector	HDMI type A
Input Resolution	Up to 4K@60
Output Resolution	Up to 3840×2160@60
Output Format	HDMI type A
Power supply	12V DC
Geometry Correction	Yes
Gamma Correction	Yes
Operating Temperature Range	0~40 degrees centigrade
Operating Humidity Range	10%-90% non-condensing
Storage Temperature Range	-20~60 degrees centigrade
Storage Humidity Range	10%~90% non-condensing
Control Interface	RS232 or 10/100/1000M Ethernet Port
Power Consumption	12W
Warranty	2 years

## System Diagram

