

## DS2

# Edge Blending Controller



## Features

- Supports geometry correction
- Supports gamma correction
- Built in 4K media player with 64G on board storage
- One HDMI capture channel
- Supports alpha transparency on HDMI capture
- Up to 9 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
- Output different output resolutions, up to 1080p
- 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 is the device combining edge blender, video wall controller and 4K media player together in one unit. It is not only able to blend up to 9 projectors together using a single DS2 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 can capture extra HDMI video source and display them onto the projection screen anywhere and any size. Moreover, DS2 also has an embedded 4K media player which enables DS2 output 4K video source played locally in addition to the captured HDMI video source.

DS2 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 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
DS2-3H	64G	1	HDMI 1.3	3	HDMI 1.3
DS2-9H	64G	1	HDMI 1.3	9	HDMI 1.3

## Specifications

	DS2-3H	DS2-9H
Dimensions(W*D*H) (mm)	220 x 125 x 45	440 x 200 x 45
Weight	0.95 kg	3.3 kg
Input Connector	HDMI type A	
Output Resolution	Up to 1920x1080	Up to 1920x1200
Output Format	HDMI type A	
Embedded Media Player Resolution	Yes	
Power supply	12V, 2A DC	12V, 3A 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	10W	25W
Warranty	2 years	

## Layout Samples

