

G4K DS

Edge Blending Processor



Features

- Built in 4K media player
- Two HDMI capture channels
- Two or Four HDMI outputs
- Custom pre-set layouts
- HDCP compliant
- Independent colour adjustment for each connected projector
- Advanced overlapped area colour correction
- Supports flat, curved or spherical projection surfaces
- Fanless design
- Each Output supports resolutions up to 1080p Full HD and 1920x1200
- Video wall controller function with PiP, zoom, position and so on features
- Bezel Compensation for all types of displays provides accurate display of the image
- Supports any degree rotation on each individual output, to enable creation of irregular video walls
- Controllable via IP or RS232
- Supports a variety of shaped open windows, such as heart-shaped, diamond, square, clouds and so on
- Supports special effects on up to 4 video windows edge

Overview

The G4K DS 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 four projectors together 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, G4K DS is able to capture up to two HDMI video sources and display them onto the projection screen anywhere and any size. Moreover, G4K DS also has an embedded 4K media player which enables G4K DS output 4K video source played locally in addition to two captured HDMI video sources.

G4K DS 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. G4K DS units are able to run standalone without the connection to the control PC, once configured.

G4K DS unit can work with LCD, DLP and LED displays as well to form a stand or creative video wall with its ability to rotate the output at any degree.

Specifications

Dimensions(W*D*H) (mm)	220 x 274 x 76
Weight	3kg
Input Connector	HDMI type A
Output resolution	Up to 1920x1200
Output Format	HDMI type A
Embedded 4K Media Player	Yes
Power supply	12V, 4A DC from main power adapter (AC 110V to 250V, 50/60Hz)
Bezel correction	Yes
Edge Blending	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
Cooling	Fanless cooling
HDCP	Yes
Warranty	2 years

Models and Scales

Models	Input		Output	
	HDMI	Format	HDMI	Format
G4KDS-2H	2	HDMI 1.3	2	HDMI 1.3
G4KDS-4H	2	HDMI 1.3	4	HDMI 1.3

Layout Samples

