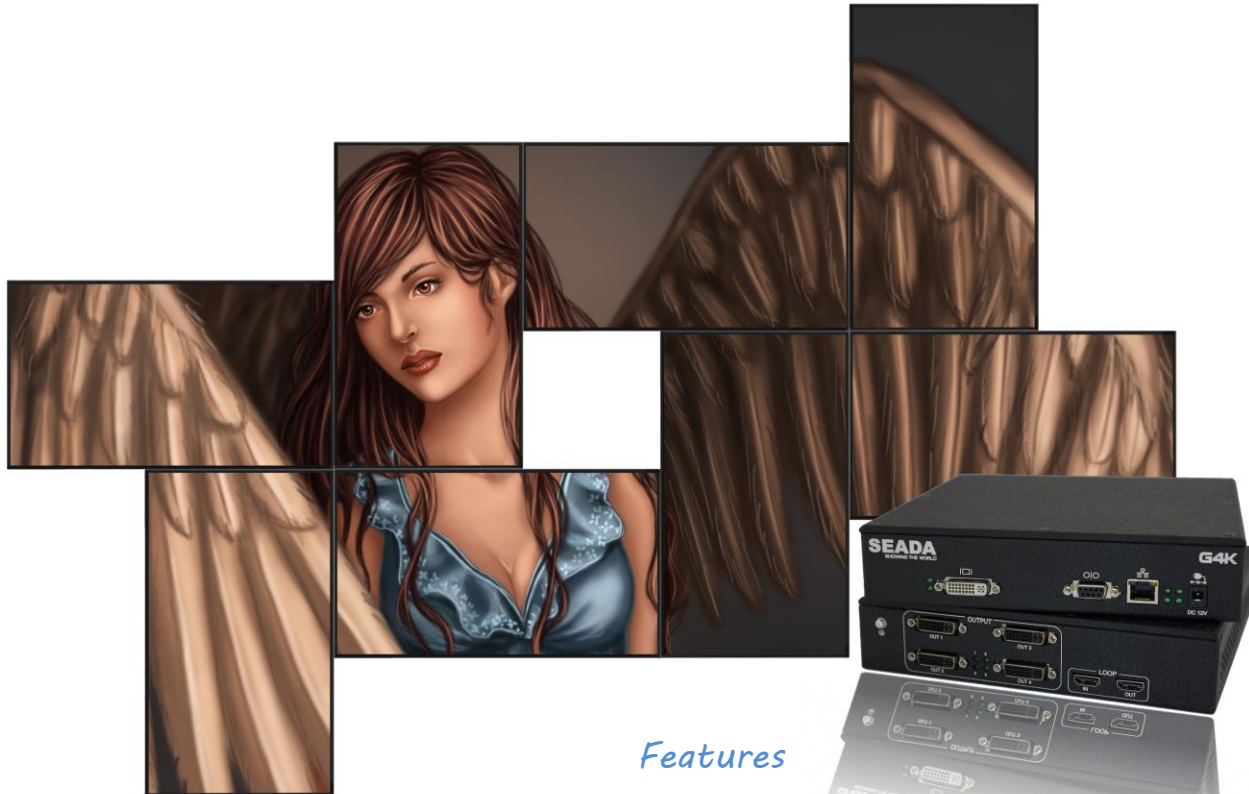


G4K *Fanless*

Creative Video Wall Controllers



Overview

The G4K fanless stand alone serial video wall controller is the perfect solution for eye catching digital signage displays and offering the quite zone. The G4K fanless controller accepts a single 4K input source and divides it across four displays, each with a resolution up to 1920x1200 @ 60Hz. Each output supports rotation of 90, 180 and 270 degrees and is able to crop the original input content arbitrarily. The resolution and frame rate of each cropped part can be upscaled and downscaled independently for each output.

G4K fanless controllers can be easily configured via IP connection to a Windows based PC running G4K management software. The Windows based software provides a user friendly GUI, greatly simplifying the system configuration. G4K fanless controllers are able to run standalone without the connection to the control PC, once configured.

G4K fanless controllers support all popular outputs, including LCD, DLP and LED displays, along with projectors for edge blending applications.

Features

- Fanless design
- Each controller has 2 x 4K inputs* and 4 x outputs
- Unlimited daisy chain expansion feature supports gigantic video walls, without the need for a separate distribution amplifier
- Options for Dual-Link DVI, HDMI or DisplayPort inputs
- Each Output supports DVI and RGB with resolutions up to 1080p Full HD and 1920x1200 (WUXGA)
- Supports 90, 180 and 270 degree rotation on each individual output, to enable creative video walls with both landscape and portrait displays
- Output image overlapping support for edge blending projectors
- Bezel Compensation for all types of displays provides accurate display of the image
- Controllable via IP, allowing remote configuration of the G4K controllers
- Arbitrary up and down scaling
- Supports arbitrary crop of the input content and upscale or downscale of cropped part independently for each output
- Programmable Input EDID provides customized input resolution and frame rate
- Output frame lock ability ensures seamless display between screens
- User friendly GUI on Windows based PC provides simple and easy configuration

*Not simultaneously

Specifications

Dimensions(W*D*H) (mm)	208 x 200 x 44.5
Input resolution	Up to 3840X2400
Input Format	Dual-Link DVI
	HDMI1.4 , HDMI1.3
	DisplayPort 1.1
Output resolution	Up to 1920x1200
Output Format	DVI1.0/ RGBHV
Daisy chain expansion	Yes
Power supply	12DC from main power adapter (AC 110V to 250V, 50/60Hz)
Bezel correction	Yes
Edge overlap	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	Passive cooling
MTBF	50,000 hours
Warranty	2 years

Models and Scales

Models	Input		Output	
	Format	Connector	Format	Connector
G4K-DVI-FL	Dual-Link DVI	DVI-I	DVI/HDMI/VGA	DVI-I
G4K-HDMI-FL	HDMI 1.4	HDMI Type A	DVI/HDMI/VGA	DVI-I
G4K-DP-FL	DisplayPort 1.1	DisplayPort	DVI/HDMI/VGA	DVI-I
G4K-HD-FL	HDMI 1.3 HDCP	HDMI Type A	DVI/HDMI/VGA	DVI-I

Layout Samples

Arbitrary cropping



PIP effect via daisy chain

