VEGA-1010

4K UHD HDMI Video Mixer

Features

- Input resolutions support from 640x480 to 4096x2160@60Hz (4:4:4 8bits), interlaced or progressive
- 4x HDMI inputs and 2x HDMI output
- Output resolution supports up to 4K2K@60Hz (4:4:4 8bits)
- Adjustable size & position through software
- Supports HDCP 2.2 compliant
- Firmware upgradable for support of new features and technology enhancements
- Titles, borders and colored backgrounds
- Resize, position, zoom & pan and blend output video
- Software control through RS-232 and Ethernet

Introduction

The VEGA-1010 4x2 HDMI 2.0a Quad-View Video Processor with 4K2K60 4:4:4 provides the most flexible and cost effective solution in the market to route ultra-high definition video source from any of the four UHD HDMI sources to the remote display at the same time. This solution is also well suited for use in digital signage, conference room presentation systems or other similar settings or applications.

With up to 4K2K60 4:4:4 output resolution, users can display the mixed video with improved presentation quality. In the meantime, the unit can be controlled thru the popular serial port and Ethernet port to provide the most flexible control way to fit into any applications.

Specifications

Model			VEGA-1010
Role of usage			Multiplexer / video processor
Background picture update			Yes
HDCP compliance			1.4 / 2.2
HDMI compliance			HDMI 2.0a
Video bandwidth			HDMI (600MHz (18Gbps)
Output Video Support			Up to 4K2K@60 (4:4:4 8bits)
Input Video Support			Up to 4K2K@60 (4:4:4 8bits)
Video Format Support			HDMI 2.0
Audio support			Bypass
Control			RS-232/ Ethernet/ IR / Cloud
Embedded video mixer			Yes
ESD protection			Human body model — ±15kV (air-gap discharge) & ±8kV (contact discharge)
Input			4 x HDMI + 1 x RS-232 + 1 x RJ-45(Ethernet) + 1 x 3.5 mm (IR)
Output			2 x HDMI + 2 x RCA
HDMI connector			Type A (19-pin female)
RS-232 connector			DE-9 (9-pin D-sub female)
RJ-45 connector			WE/SS 8P8C
Mechanical	Housing		Metal enclosure
	Dimensions (L x W x H)	Model	390 x 163 x 30 mm (1.3" x 6.4" x 1.2")
		Package	494 x 225 x 70 mm (1.6" x 8.9" x 2.8")
		Carton	510 x 380 x 252 mm (1.7" x 1'2" x 10")
	Weight	Model	1.5 kg (3.3 lbs)
		Package	2 kg (4.5 lbs)
	Power supply		12V 5A DC
	Power Consumption		22 Watts (max)
	Operation temperature		0 ~ 40 °C (32 ~ 104 °F)
	Storage temperature		-20 ~ 60°C (-4 ~ 140 °F)
	Relative humidity		10 ~ 90% RH (no condensation)