

# VEGA-1010

## 4K UHD HDMI Video Mixer



### Features

- Input resolution supports from 640x480 to 1920x1200, 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)   |                          |  |