



OUHD

Overview

The OUHD is Osel newest generation of video wall Processor, featuring excellent image quality and designed especially for fine-pitch LED screens. The OUHD can work as splicing processors that integrate both video processing and video control capabilities, or work as pure splicing processors. The whole unit adopts a modular and plug-in design, and allows for flexible configuration and hot swapping of input and output cards. Based on the powerful hardware FPGA system architecture, with a modular and plug-in design, the OUHD features a stable and highly efficient pure hardware architecture, and provides a variety of connector modules for flexible and personalized configuration, allowing for easy maintenance and low failure rate. The OUHD provides the industry-standard input connectors, including HDMI, DVI, DP, VGA, CVBS, SDI and IP, and supports 10-bit video source input and processing, as well as 4K high-definition inputs and outputs. The OUHD also provides three kinds of LED 4K sending cards, allowing for the backup between the OPT ports and Ethernet ports as well as ultra-long distance transmission.

Features

- Modular design with Dual redundant hot swappable power supply
- Supports output resolutions up to 3840x2160
- Supports high bandwidth video bus that delivers unparalleled real-time performance
- Supports HDCP
- Supports High-speed configuration and easy cascading
- Supports multiple Video wall canvas at output.
- Supports of 18Gbps video data rate for data transmission at inputs & Outputs.
- Supports Built-in Scaling
- Supports 10-bit processing with Chroma sampling 4:4:4
- Supports female RJ-45 Ethernet Ports with auto detecting for Link Speed and Duplex level

	Specifications:	
1	Input	8xHDMI2.0
2	Expansion Slots for future	Supports
3	Input Resolution	4k/60 fps
4	Control	Ethernet
5	Output	4xHDMI2.0
6	Chroma Sampling	4:4:4
7	Color Bit Depth	10 bits/color
8	Power supply	AC100-240V, 50Hz
9	Mounting Rack	19" Rack with dual power

*Specifications and design are subject to change without any notice