

CLUX-1HLR

NEW HDMI Video Wall Rotation Processor



INTRODUCTION

This Processor is capable to scaling and rotating the input source to nearly any angle and size desired. It is the ideal solution for presenting sources across unique video display arrangements found in commercial displays, control rooms, or classrooms. HDMI Input and output resolutions up to 1080p@60Hz with LPCM audio up to 7.1 channels at 192kHz are supported. In Rotation Mode the output is locked to 1080p, but video latency is only 1~2 frames and the unit is capable of rotating to an accuracy of 0.1 of a degree while simultaneously zooming or shrinking the source as needed. In Scaler Mode, the unit can scale to a selection of output resolutions, up to 1080p@60Hz as well as apply video mirror, flip, and freeze effects to the output.

By combining multiple units with an HDMI splitter or matrix it is possible to create fantastically varied arrangements of rotated displays for large video wall applications. This is perfect for creating distinct and eye-catching advertising or promotional displays limited only by your imagination. Configuring these large video walls is made simple by use of our Video Wall PC application, allowing the user to visually lay out and configure the entire video wall at one time in a graphical WYSIWYG user interface. A number of common video wall arrangement presets are included with the software by default to make it possible to get started quickly. Basic control of the unit is provided by front panel controls with an informational OSD. Complete control of the unit is accomplished by use of Telnet, RS-232 or the Video Wall PC software.

FEATURES

- HDMI & HDCP 1.3 compliant
- 1 HDMI inputs and 1 HDMI output
- Input and output supports HD resolutions up to 1080p@60Hz
- Supports audio pass-through of LPCM 2.0/5.1/7.1 sources
- Only 1~2 frames of video latency
- 360 degree video rotation (in 0.1 degree increments), zoom in, zoom out, horizontal/vertical stretching (Rotation Mode)
- Video mirror, flip, and freeze (Scaler Mode)
- Wide variety of video adjustments, including: Contrast, brightness, hue, sharpness, aspect ratio
- Advanced EDID management
- Basic control of the unit is provided by front panel controls with an informational OSD
- Complete control of the unit is accomplished by use of Telnet, RS-232 or the Video Wall PC software



SPECIFICATIONS

CLUX-1HLR

Input Port	1×HDMI
Output Port	1×HDMI
Control Ports	1×RS-232 (DE-9) 1×IP Control (RJ45)
Power Supply	5V/2.6A
Dimensions	231.5mm×25mm×108mm (W×H×D) [Case Only] 231.5mm×25mm×117mm (W×H×D) [All Inclusive]
Weight	624g



The specifications and features listed for pre-release hardware is subject to change.