

Features



VIS-UHD0404-VW
4K Seamless Multi-Function
Matrix and Splicing Processor



VIS-UHD0808-VW
4K Seamless Multi-Function
Matrix and Splicing Processor

Overview

The VIS-UHD0404-VW is a professional seamless UHD video matrix switcher and stitching processor with 4 HDMI inputs and outputs. It supports resolutions up to 4K@60, 4:4:4, offers ultra-high data transmission rates, and allows creative video wall layouts via an intuitive Web GUI, based on a pure FPGA hardware architecture.

Basic Functions

- 4 HDMI inputs and 4 HDMI outputs with real-time seamless switching;
- Input and output support up to 4K@60, 4:4:4, compatible with HDMI 2.0 and HDCP 2.2;
- Intelligent analysis that automatically analyzes the EDID of display devices to output the best resolution;
- EDID management that supports selecting from multiple built-in EDID files, reading the EDID of output display devices to the input, and updating EDID files;
- Supports input image clipping, allowing part of the input image to be displayed as a signal;
- Supports adding logos to input images;
- Built-in signal generator with 11 professional test images on input and output channels;
- Outputs can be configured for seamless matrix output or single-layer stitching output;
- Supports synchronized stitching for LED or LCD large screens, with a maximum of 2x4 configurations;
- Supports scrolling subtitles on stitched large screens;
- Independent switching for audio and infrared;
- Supports graphical software control;
- Input volume control with adjustable channels and one-button mute;
- Multiple control methods including front panel buttons with LCD screen, RS232 control, TCP/IP control software, and web control for flexibility;
- Supports multiple flexible stitching configurations for any port to meet various application needs;
- Supports DHCP, with the ability to enable or disable via software or front panel;
- Various output modes available, including full screen and proportional scaling;
- Supports one-button freeze/unfreeze for output images;
- Intelligent management that shows real-time input signal status and output connection status on software;
- Adjustable HDCP version for inputs;
- One-button output screen on/off;
- Supports multiple connections and user management, with different management permissions and port management for different users;
- Supports preset management, with one-button save and recall of presets;
- Supports seam settings to compensate for gaps during screen stitching.

Overview

The VIS-UHD0808-VW is a professional seamless UHD video matrix switcher and stitching processor with 8 HDMI inputs and outputs. It supports resolutions up to 4K@60, 4:4:4, offers ultra-high data transmission rates, and allows creative video wall layouts via an intuitive Web GUI, based on a pure FPGA hardware architecture.

Basic Functions

- 8 HDMI inputs and 8 HDMI outputs with real-time seamless switching;
- 8 IR and 8 analog audio inputs, along with 8 IR and 8 analog audio outputs;
- Input and output support up to 4K@60, 4:4:4, compatible with HDMI 2.0 and HDCP 2.2;
- Intelligent analysis that automatically analyzes the EDID of display devices to output the best resolution;
- EDID management that supports selecting from multiple built-in EDID files, reading the EDID of output display devices to the input, and updating EDID files;
- Supports input image clipping, allowing part of the input image to be displayed as a signal;
- Supports adding logos to input images;
- Built-in signal generator with 11 professional test images on input and output channels;
- Outputs can be configured for seamless matrix output or single-layer stitching output;
- Supports synchronized stitching for LED or LCD large screens, with a maximum of 2x4 configurations;
- Supports scrolling subtitles on stitched large screens;
- Independent switching for audio and infrared;
- Supports graphical software control;
- Input volume control with adjustable channels and one-button mute;
- Multiple control methods including front panel buttons with LCD screen, RS232 control, TCP/IP control software, and web control for flexibility;
- Supports multiple flexible stitching configurations for any port to meet various application needs;
- Supports DHCP, with the ability to enable or disable via software or front panel;
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- Supports one-button freeze/unfreeze for output images;
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- Adjustable HDCP version for inputs;
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- Supports multiple connections and user management, with different management permissions and port management for different users;
- Supports preset management, with one-button save and recall of presets;
- Supports seam settings to compensate for gaps during screen stitching.