

Modular Seamless Matrix Switcher 8x8

TRI-VCV-SWR-2014

Large venues | Live events & performing arts | Auditorium | planetarium | Network Operation Centers

Features:

- Audio and video switching equipment that supports seamless switching of 4K@60 UHD signals Single channel maximum resolution up to 4Kx2K@60Hz,support 4K input collection, 4K seamless output, backward compatible with all standard resolutions, and support resolution customization.
- 4K2K arbitrary switch Full digital seamless switching technology, two signal parallel processing, to ensure that the switch no black field, no flash screen, no fragmentation, and no static picture. It can meet 2K and 4K signals arbitrary switch, and adopts 4:4:4 full frame rate graphics processing algorithm, true to restore the graphics colour, the delay is as slow as 0ms.
- With rolling subtitles Superimpose pictures at any position of each input signal or customize text in any language or font size, which can be set as a rolling analog LED banner.
- Visualization control The configuration of the preview card can realize the video preview and switching on the PC and tablet, and supports real-time monitoring of the contents of the large screen.
- Support splicing function Splicing output supports
- single layer arbitrary zooming
- super imposing, cross-screening, and roaming. A single signal can be spliced and displayed on any M×N display unit, and M and N are all positive integers greater than or equal to 1.
- Multi-terminal simultaneous visualization operation The visual preview of the signal, support on any system, any PC/mobile phone/tablet, realize visualization, movable, touch management, multiple operation terminals can be simultaneously controlled and status synchronized
- Audio intelligent management Support analog audio embedded in video, digital audio de-embedded into analog audio support audio and video in the hybrid matrix system independent switching, which can be controlled through the front panel software, control port, etc.



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Technical specifications

Parameter	Value
Chassis	2U
Specifications	2U chassis, supports up to 8 inputs and 8 outputs
Number of input cards	2
Number of output cards	2
Number of control cards	1
Power Supply Default power supply Backup power supply	1-1
Power	18W
Dimensions(mm)	445x400x88
Card	
Input card	DVI HD, Dual-Link DVI 4K, HDMI HD, HDMI 4K, VGA, Component, Composite, YC, SD-HDI, HD-SDI, 3G-SDI, Fiber, HDBaseT HD and HDBaseT 4K
Output card	DVI HD, Dual-Link DVI 4K, HDMI HD, HDMI 4K, VGA, Component, Composite, YC, SD-HDI, HD-SDI, 3G-SDI, Fiber, HDBaseT HD and HDBaseT 4K
Control mode	
Network control	1 RJ45 interface, 10M/100M adaptive, support the management and configuration of the machine.
Serial control	2 RS232, can be connected to the central control, and support loop-out control matrix, screen and other third-party equipment
Front panel control	Support front panel LCD display and switch button control, can modify IP address and other parameters.
Other control	IR infrared control, KMX switch control, RS485 remote 4-inch touch screen control (optional), web visualization control (optional), HDBASET remote serial port control (optional)
Image Processing	
Switch effect	4K fast and seamless switching, no black field, no flicker, no fragmentation, no static picture, single and multi-channel audio and video synchronization switching.
Transmission bandwidth	10Gbps
Output resolution	Support 4KX2K HD resolution, customizable configuration resolution.
Environmental parameters	
Working temperature	-10~+55°C
Working humidity	<90% Non-condensing

For the most current specification information, please visit tri-star.co.in