



Video Processor

TV-8V1000S



Description

The 10-port two-in-one video controller, which integrate video processing and video control functions, is a professional LED display controller. In addition to display control, it also has powerful front-end video processing capabilities. With excellent image quality and flexible image control, it greatly meets the needs of the media industry.

Feature

- * The maximum load of supports up to 6.5 million pixels, with a maximum width of 10,240 pixels, and a maximum height of 8,192 pixels, meeting the control requirements of ultra-wide and ultra-high display screens on-site.
- * With 3 windows, the size and position of the windows can be adjusted individually.
- * With powerful video processing capabilities, support one-key full-screen zoom, and support arbitrary cropping of input sources.
- * Support 10 custom scenes to be saved and recalled.
- * Support input source image quality and LED screen image quality management, including brightness, contrast, saturation, hue, gamma, and other image quality parameters.
- * Support point-by-point brightness and chromaticity correction.
- * Support low latency output.
- * Support to use the internal input source as the synchronization source to ensure the synchronization of the output screen.

Specification

Input interface	
HDMI1.4×2	Supports 3840×1080@60Hz/3840×2160@30Hz video source input, supports custom resolution, HDMI 1.4-1 supports LOOP loop output;
DVI×2	Support 3840×1080@60Hz/3840×2160@30Hz video source input, support custom resolution, DVI-1 supports LOOP loop output;
3G SDI×1	Support ST-424 (3G), ST-292 (HD) and ST-259 (SD) standard video source input, support 3G-SDI Loop loop output;
Output interface	
Port×10	RJ 45, a 10-way gigabit network port output
HDMI 1.3×1	When used for output screen preview, the output resolution is fixed at 1920×1080@60Hz; when used for video output, the output resolution is adjustable
OPT 2 (optional)	OPT1 optical port is adaptive to input or output, OPT2 optical port is only used for output, and supports two modes of copy and backup when outputting
Control interface	
ETHERNET×1	Connect to the control computer or to the router
USB (square) 1	Connect the PC and debug the equipment
USB (flat) 1	For device cascade output
GENLOCK IN	External signal source input
GENLOCK LOOP	external signal source synchronous output
LIGHT SENSOR	Connect the light sensor to obtain the ambient brightness, which can automatically adjust the brightness of the screen
Working power supply	AC100 ~ 240VAC , 50/60Hz
Rated power	28W
Operating temperature	0~45°C
Size	483.6mm×351.2mm×50.1mm
Net weight	4Kg