Video processor & controller

TV-81X12

Description:

Professional control system and video processing equipment for LED display engineering application field. It has DVI and HDMI high-definition digital interfaces, supports seamless switching between multiple signals, supports broadcast-level zoom and multi-screen display. A single machine can support an LED display with a maximum width of 8192 pixels or a maximum of 4096 pixels, with 12 Gigabit Ethernet ports, and a series of rich and practical functions, which can realize flexible screen control and high-quality image display. The display screen engineering application field has significant advantages.

Feature:

* The maximum load is 7.2 million pixels, the widest can reach 8192 points, or the highest can reach 4096 points
* Support single channel maximum input resolution 1920*1200@60Hz, support resolution arbitrary setting
* Support 12 Gigabit Ethernet port output, support single or dual redundant backup
* Support arbitrary switching, cropping, splicing and zooming of video sources
* Support Resolution of Bar display 5000 x 256 pixels
* Support 3 screen display, window position and size can be adjusted freely
* High-bandwidth digital content protection technology supporting HDCP1.4 protocol
* Dual USB2.0 high-speed communication interfaces for arbitrary cascading between computer debugging and main control
* Support brightness adjustment(1 to 8 levels adjustable), color temperature adjustment, support contrast, hue, saturation adjustment
* Support network interface cascading
* Support infrared signal input
* Support low brightness and high gray, can effectively maintain the complete and perfect display of the gray scale under low brightness

Specifications:

Input interface	
HDMI*3	Support audio input, HDMI1.4 standard (support 1920*1200@60Hz, 1920*1080@60Hz)
DVI*1/DP*1	DVI1.0 standard (support 1920*1200@60Hz, 1920*1080@60Hz)
AUDIO IN	Audio input, can receive audio input from computers and other devices
Output Interface	
Port*12	RJ45, 12 Gigabit Ethernet port output, can be spliced up, down, left and right arbitrarily
AUDIO OUT	Audio output, can output audio to speakers and other devices (support HDMI audio analysis output)
HDMI*1	Standard HDMI
Control interface	
RS232*1	RJ11 interface, can be connected to the central control
USB_OUT*1	USB output for cascading between devices
RJ45*1	100M
USB_IN*1	USB input, connected to PC for debugging parameters
Processing Depth	8 bit
Support	LED Multi-functional card
Power supply	100～240VAC
Equipment size	Standard 2U chassis
Equipment weight	2.3kg
Rated power	25W