Video Processor

Video processing equipment embedded software TV-8Q4HD embedded V7.92

Description

* 1U lightweight structure, the front panel comes with a 2.0-inch full-color LCD screen, and the front panel displays the resolution and format of the input and output signals in real time;
* With 4 input and 4 output ports, including 2 HDMI 1.3 input ports, 2 DVI input ports and 4 DVI output ports;
* Support output resolution customization function, the 2K output port supports splicing output of up to 9.6 million pixels, with a maximum horizontal width of 15,360 pixels and a vertical maximum of 14,208 pixels;
* Support synchronous display between screens. Whether horizontal or vertical splicing, the splicing points can be kept in sync without misalignment;
* A single board has 8 2K layers or 2 4K layers for any roaming display, and the layers support movement, cross-port and overlay; a single output port can open up to 8 2K images;
* Support the cutting function of the layer's width, high resolution and position parameters to achieve arbitrary display of local content;
* Support seamless switching function. Users can preset different multi-screen scenes and switch between scenes in a seamless way;
* Support display system management function, realize independent loading of different display terminals, support the simultaneous loading of 4 2K LED screens of different sizes, and also support the loading of LCD screens or projectors respectively. and the images are displayed independently without affecting each other;
* The input signal can be customized with EDID, and the resolution of the input signal can be changed to create a point-to-point display effect;
* Support 2 OSD subtitle functions. The subtitles can be centered, left aligned, and right aligned with one click through the software, and the XY position can be adjusted arbitrarily;
* Support rights management function, and different function rights can be set for different user accounts through the software;
* Support central control, the device supports third-party equipment for control through open central control instructions;
* Support the software to save 256 scene management functions. The software can set the patrol time of the scene to realize unattended automatic playback of the scene;
* The input and output connection status can be detected through the software. The interface icon of the connected signal is displayed in green, and if the signal is not recognized or there is no connected signal, it is displayed in white;
* Support de-interlacing function, supports I-system input de-interlacing motion compensation processing, and all output interfaces support I-system interlaced signal output;
* The client software supports running on Windows, iOS, Android and other operating systems;
* Support scene switching through mobile APP, and supports running on Windows, iOS, Android and other operating systems;

Specification

Input signal	
HDMI1.3*2	Support EDID management,support the maximum resolution of 2048×1152@60Hz, downward compatible
DVI*2	Support EDID management,support the maximum resolution of 2048×1080@60Hz, downward compatible
Output signal	
DVI*4	The maximum resolution of single-port output supports 2048*1152@60Hz, which can be customized within 2.45 million pixels. Through splicing of 4 DVI ports, the maximum horizontal width can be 15360 pixels, and the maximum vertical width can be 14208 pixels.
Control interface	
LAN*1	Ethernet control network port,used for system upgrades or remote control through software
RS232*1	Serial port for system upgrade or remote control through software
Input voltage	100V-240V 50/60Hz
Maximum power	65W
Operating temperature	-5℃ ~ 45℃
Working humidity	10%~85%, no condensation
Bare metal weight	3.8kg (packing weight 5.5kg)
Equipment size	490mm*363.2mm*55mm (L×W×H)