

VSP 3600

4 Layers Seamless switching Video wall Processor



- ▶ 8192 x 1152, 10240 x 816 Pixel to Pixel mapping
- ▶ DSK subtitle overlay
- ▶ Color key and luma key image fusion
- ▶ 90 degree rotary
- ▶ 180 degree mirror
- ▶ User-defined pixel based scale
- ▶ Seamless switching and 4 layers display
- ▶ Cascade to control huge display and more layers
- ▶ Redundant Power Supply for safe

Features



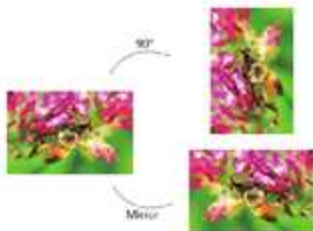
4 Layer Processing

VSP 3600 supports 4 layers display processing, and allows the operator to change the overlay orders. Such as when VSP 3600 works in PIP mode, one window displays the PIP screen (A + B picture), operator can randomly set the size and position for the pictures, and the other window displays another picture (Z picture), user can switch Z picture to the target display system through fade in and fade out seamless transition effect, and the A + B picture in the target display system will be switched to the preview output.



Switcher Mode

VSP 3600 support preview and program operation. Operator can preview the input firstly for security and then seamless switch to the programming output .VSP 3600 also supports the complex functions including color key and picture in picture, these functions can be set on the preview and will not affect the programming output display . VSP 3600 is built in with RGBlink auto input detection engine, which make sure the seamless switching of the different input format signals between preview and program without any limit or manual forced recognize firstly.



Rotary

VSP 3600 support 90 degree or 270 degree rotary ,and 180 degree mirror.This function can use for some digital display control for special effects.



Scale

VSP 3600 built-in the latest CSMXP video image processing algorithm,Ensure the arbitrary area of image can be magnification shown,And still guarantee the high quality. VSP 3600 support 32 times nondestructive amplification and 10% of nondestructive narrowed, and the pixel level scale operation. Can accurately adjust the position and size of image via the VSP3600 local front panel and remote windows system.In split-screen display mode,can scale one picture independently.



Color Key

VSP 3600 Support Key in and Key out function. Any content of preview display window can be used as key in or key out source of color key and luma key. In programming output window ,operator can key in or key out the value based on the requirement. Each key transparency value can be adjusted.



DSK subtitle overlay

VSP 3600 support DSK, Any preview picture,can be used as the input of DSK captions ,and overlay the subtitle to program output.

Intelligent Blending

VSP 3600 has Blending Director, which can easily bring with user to finish the blending in three steps, not matter how many VS 3600 will be cascaded or use separately.

Specifications



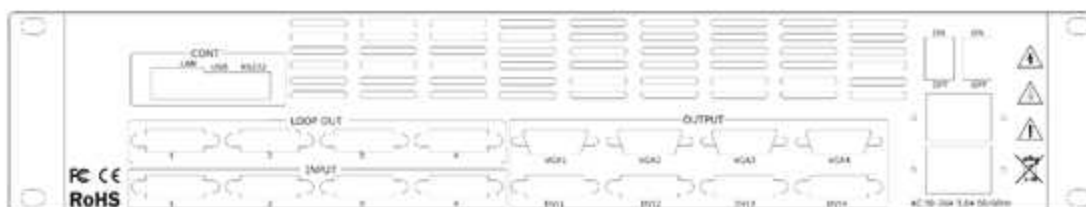
CONNECTIONS AND CONTROLS

- Signal input : 4 DVI
- Signal outputs : 4 DVI and 4 VGA
- Power : IEC
- Setup port : RS 232, USB and TCP/IP on the back panel
- Operating mode : Automatic input format detection and scale
- Lighted power switch on the back panel
- Output Resolution: 640 × 480 ~ 2048 × 1152, and user define
- Control software : VSP 3600 software

SPECIFICATIONS

- Power consumption : 65 watts
- Input voltage : 85-264 volts, 47-63Hz auto switching
- Weight : 8 Kg (20lbs)
- Dimensions : 48 cm × 26.8 cm × 8.8 cm
- Standard rack size : 2U
- Cooling : Active

Specifications are subject to change without notice.



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Introduction



The VSP 3600 is a landmark product which combines video processing algorithm CSMXP of RGBlink, especially with seamless switching effects during the switch, rotary for different degree layout, DSK for subtitle overlay, and multi display windows. VSP 3600 can be widely applied to mosaic video wall control, also can be used for image switching and image scale market. In addition to providing convenient local front panel control operation interface, operator also can control via the remote Window based control software by RS 232, USB or TCP/IP, and, most of the operator will use remote control panel DAZZLE CP 2048 for more quick control functions.

VSP 3600 supports pixel to pixel mapping up to 8192 × 1152, and if two VSP 3600 work in cascade mode, operator can fully use its rotary, seamless switching, color key- DSK functions based on the huge resolution inside 8192 × 1152 or 10240 × 816, and 4K by 2K as always talked about. Operator can use remote control panel CP 2048 to control up to 4 pieces VSP 3600 together.

