

FOR SALE

4x used Christie Vista Spyder X20 Systems video processors X20 – 0808 Models

Version: 4.0.6. 8I 80

Built in 2013



Price on request:

Excl. VAT

Excl. shipping & insurance costs

Excl. custom fees

The Christie® Spyder X20 combines the power of a video processor with the flexibility of a video matrix switcher to easily convert and route any signal to any combination of display devices. Drive multiple displays in any combination of edge-blended widescreen, single and multiscreen applications and achieve higher brightness, enhanced image quality and improved resolution.

When it comes to creative visual effects, the only limit is your imagination. Any input can operate as a Native High Resolution Channel, Scaled PIP, Scaled Background or Key Channel on any display in the system. The Christie Spyder X20 gives users a 20 megapixel bandwidth for 16 video layers of unrestricted blending, windowing, mixing and scaling along with key frame effects for dynamic content programming capabilities in both live and pre-programmed video environments.

The Christie Spyder X20 is easy to deploy and install with all components in one unit, reducing the number of wires, boxes and rack space you need. You can add inputs, outputs and pixel real

estate with powerful expansion capabilities that allow inputs/outputs from other Christie Spyder systems to contribute to a single pixel space.

Key features

Mixing and multiple key frame effects

Smooth transitions automatically interpolate between the first look and the second look according to user-defined duration

Real-time window resizing and positioning

Full motion path editing with velocity control at each key frame

PIP borders, including drop shadows and soft inside edge

Adjustable PIP aspect ratio correction as well as cropping, pan and zoom

Quickly apply looks to multiple video layers with user-defined treatments

Integrated Operators Monitor allows you to see what the audience sees and preview what they will see next, all on a single monitor

Stereoscopic option enables viewing of 2D and 3D images from multiple sources at the same time for enhanced design collaboration

Keying

Luminance keyer on every input

Chroma keyer on every input

Alpha channel bitmaps on every input, for alpha channel titling or bugs from your favorite graphics application

Presets and timed cues

Save Command Key presets for a single video layer or a complete on-screen look that includes all layout information as well as machine control for ancillary devices

Save multiple keyframes in scripted sequences that advance manually or automatically based on timed cues

Background buffers

Two native or scalable resolution background buffers allows mixing between high-resolution, still backdrops for PIP images or background inputs without having to use any of Christie Spyder X20's inputs to prevent screens from going to black

Video processing

10-bit analog inputs and outputs

Low delay (<1.5 interlaced frames)

3:2 and 2:2 pull-down detection

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Technical Specifications:

Input number (X20-0808):

Inputs total - 4 Supporting composite, S-Video, Component Analog, HDSDI, SDI and 3G SDI (SMPTE 424M) - 4 Supporting Progressive DVI and Progressive RGBHV

Input signals:

Analog RGB, composite, component
DVI, single-link and dual-link (8 inputs are dual-link capable)
SDI, HD-SDI and 3G HD-SDI (SMPTE 424M)
Motion adaptive de-interlacing (SD & HD)

Resolutions:

Horizontal resolutions up to 2560 and vertical resolutions up to 2160 within 330MHz (any resolution greater than 2048 x 1200 uses 2 input channels)

Pixel Clock:

Analog up to 165 MHz
DVI up to 330 MHz

Scan rates:

Up to 120Hz dependent on pixel clock rate maximum

Output number:

8 @ (< 2048x1200) or 4 @ (2560x1600) or combination of 4 dual-link and 4 single-link resolutions

Output pixel clock:

Analog up to 165MHz
DVI up to 265MHz

Output resolution:

Horizontal resolutions up to 2560 and vertical resolutions up to 2160 within 330MHz including 4K

Output signals:

- Analog RGB, component
- DVI, single-link and dual-link (4 outputs are dual-link capable)
- SDI, HD-SDI and 3G HD-SDI (SMPTE 424M)
- Any output can be a scaled output for recording widescreens
- Integrated source monitoring at full frame rates
- Any output can be an operator's monitor, simultaneously displaying preview and program for a given pixel space or the entire show on a single output
- Output synchronization: free-run or vertically referenced to NTSC/PAL black burst

Output scan rates:

Up to 120Hz dependent on pixel clock rate maximum

Control and networking:

RS232 In/Out

Enhanced feature sets:

- Independent aspect ratio and frame rate setup
- Overlays
- Transitions
- Aspect ratio conversions
- Output rotation (portrait)
- Still frame (freeze) capability on every input
- Read/write still store. Load bmp, png, tiff, or jpg images to (or capture images from) any Spyder input.

Pictures of the Equipment:





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