



Christie Spyder X80

Multi-source, multi-screen processing for megapixel canvases

You'll run out of ideas before it runs out of legs

The only thing it doesn't do is slow you down

Featuring processing and connectivity capabilities that surpass anything else available, the Christie® Spyder X80 is the first multi-screen windowing

processor and content management solution available to display 4K@60Hz content on every single channel. End-less processing features make it the

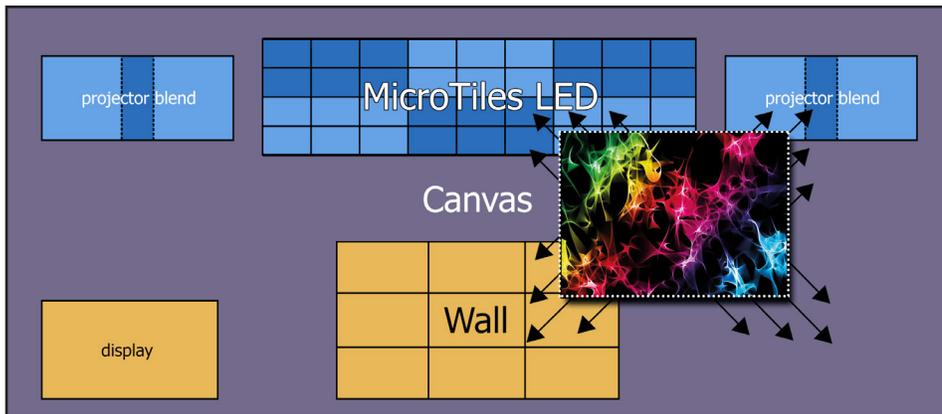
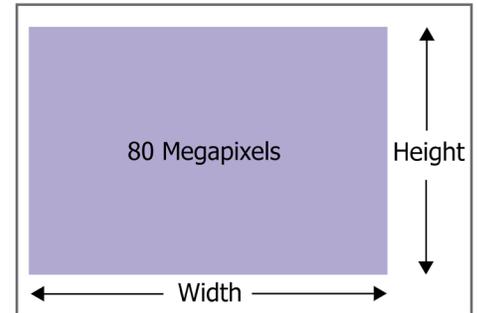
ideal solution for any combination of large format displays, including projection, LCD and LED video walls.

Processing for today and tomorrow

Canvas-based processing is a system architecture that provides a presentation working space that is independent of displays. This offers true creative freedom with no extra configuration steps and programming restrictions. An 80 megapixel canvas

provides the flexibility to present and manage content freely and separately from the boundary, resolution and format of individual displays. With the Spyder X80, you can configure systems using 80 megapixel canvas @ 8 Bit color or 53 megapixels @ 12 Bit color.

Create 80 megapixel canvas sizes for any application. ▶



◀ Canvas-centric programming allows the management of content independently of the displays. Position and scale sources freely across any combination of displays inside the canvas.

The processing pipeline of Spyder X80 supports real-time presentation of every source, from input to output, with very low latency. High-quality visuals are delivered across one or many displays

without concern for resolutions and video bandwidth. The Spyder X80 supports current 4K@60Hz signal formats including HDMI 2.0, DP 1.2 and 12Gt-SDI, 8, 10 and 12 bit video plus

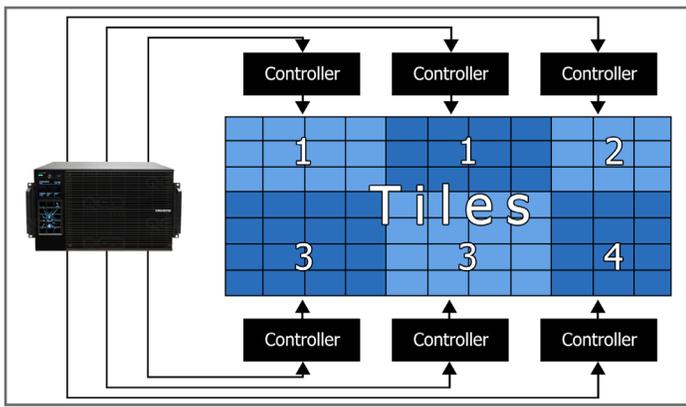
support for modern techniques for producing and delivering higher quality video including: Deep color, High Dynamic Range (HDR) and Rec. 2020 formats.

Optimized for LED video walls

Spyder X80 processing offers full flexibility for presenting content with high quality on direct-view LED video walls. Pixel spaces used by outputs can be positioned

anywhere within the X80 canvas and standard or custom output formats can be supplied to individual LED controllers that match the resolution of tile array sections..

Content can be scaled and positioned anywhere across synchronized outputs, ensuring the highest quality presentation on any LED display size.



◀ Spyder X80 simplifies processing of content on large LED video walls. Each output can serve a different resolution across the canvas making programming a simple task. In this application, four different resolutions must be served by six LED controllers.

Effects driven across multiple layers

Spyder X80 offers up to 24 inputs per card frame, each of which can be displayed anywhere on an 80 megapixel canvas independently from the displays used in the system. Each layer represents an opportunity to scale an image to any

size, adjusting the aspect ratio or applying an effect or treatments to enhance the content and viewing experience. Processing effects using source inputs include:

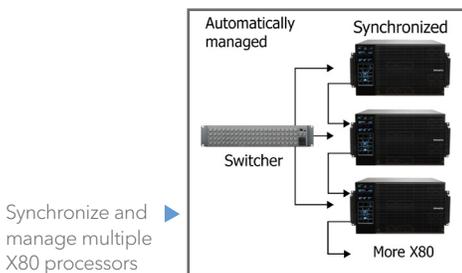
- Crossfade
- Chroma/Luma Key
- Dissolve
- Overlay
- Borders
- Drop shadow
- Dynamic resize
- Motion

Scalability for 80 megapixels and beyond

Spyder X80 offers a Genlock connection allowing multiple frames to be synchronized and locked together to support the creation of a canvas much

larger than 80 megapixels. Spyder Studio control software automates control of external switchers making programming of multiple frame systems a seamless

experience for extremely large, high resolution displays such as LED video walls.



Integrate one system across extremely large, high resolution displays



Simplified configuration and control

Spyder X80 provides operators with the means to quickly and easily configure the display system canvas size, input and output formats and pixel spaces for presenting content and processing

effects that can be recalled on cue or in real-time. It offers the most efficient programming interface for exploiting creative requirements. Christie Spyder X80 offers all this and more, providing

the ultimate creative tool for processing video on large megapixel displays and video walls. The only thing it doesn't do is limit you.

Contact us to learn more about
 Spyder X80 today
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