

# CHRISTIE®

# Spyder X20

Auditoriums	Houses of worship
Boardrooms	Media centers
Broadcast studios	Post-production
Conference rooms	Rental and staging
Control rooms	Training rooms



## The next generation of video processing and matrix switching

The Christie Spyder X20 is a versatile hardware-based video processor combined with the flexibility of a universal routing switcher. Its integrated source monitoring enables simultaneous, real-time, full frame rate monitoring of all inputs.

The Spyder X20 provides users with a 20 megapixel bandwidth to blend, window, mix and scale any source format and then routes the signal to any destination device or combination of display devices – quickly and easily.

It is easy to deploy and install because of its advanced architecture and reduces the amount of wires, boxes and rack space traditionally required because everything is all in one unit.

The Spyder X20 offers a unique architecture that allows for a resolution and video format-independent environment. Users are no longer

restricted to the resolution of a single computer or video source, or a single display destination. Multiple displays can be combined to generate an enhanced resolution to exceed what any single display can support.

With its 20 megapixel bandwidth, the Spyder X20 can drive multiple displays to achieve greater brightness, image quality and resolution than has been historically possible.

The Spyder X20 can be used in many different environments with any display device (projectors, plasma screens, LED walls, rear projection cubes, etc.) or any combination of display devices.

The Spyder X20 provides unsurpassed power and functionality in only 4 rack units (4RU).

Distributor / Vertrieb:

VIDELCO – Professionelle Audio- Video- Medien-Technik!  
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**VIDELCO**  
Europe Limited

### The next generation of Spyder

This newest version of the Spyder is designed for users in any environment to take images from unique sources, with different appearances and the final display turns out as intended – automatically. It is ideal for applications such as high-end boardrooms, command and control, education, houses of worship and live events - any installation that has multi-windowing, multiple displays and processing requirements.

### Key features

- 20 megapixel bandwidth
- Internal matrix switching
- Universal input/output capabilities – mix and match multiple formats with one piece of equipment
- Input capability – either 8 or 16 inputs (depending on model) that can be a mix of analog BNC and DVI signals
- Output capability – 8 outputs that natively support any display from component analog 480i to digital 4K
- Built-in conversion for analog/digital, interlaced/progressive, resolution, aspect ratio and frame rate – seamlessly route any source to any user-configurable output
- Define properties for each output independent of each signal
- Integrated source monitoring – real-time and full frame rate view of all sources connected to the Spyder X20 (either 16 or 8 inputs) on a single output, tiled into either a 4x4 array (X20-1608) or a 4x2 array (X20-0808)
- Overlay (key) capability – up to four sources can be layered onto each output for a multitude of needs, including background/foreground transitions, PIP windows, bugs, lower-third titling, tickers, messaging, sign windows and more

- Single point of control for all processing and signal distribution functions from front panel, PC via Ethernet, or external control system
- Small form factor – (LxWxH): 21.9 x 17.3 x 7.0" (556 x 439 x 178mm). Additionally, only one piece of equipment is required so the overall space used on a rack is reduced
- Each output individually supports rotation; enabling the creation of vertically-oriented displays
- 10-bit processing
- User-definable edge blending and tiling
- Create any kind of window border or drop shadow with adjustable color, width, softness, shadow offset and transparency
- Online editing mode allows for preset displays to be built in preview mode without affecting what the audience is seeing

### Additional features

- Built-in image capture/Still Store functionality
- Auto set-up feature
- Intuitive graphical user interface (GUI)
- Simple cohesive control of all functions
- Redundant hot swappable power supplies
- Optional stereoscopic support
- Advanced auto-sync functionality

### Software interface

The Microsoft® Windows XP/Vista based control software provides full set up, configuration, and real-time control with an easy-to-use interface.



- ▲ Vista Advanced is a Windows-based software interface that makes it easy to configure and control the Spyder X20.

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