Vista Spyder Series

Break the barriers of single source or display resolution to create the industry’s largest immersive, ultra-high definition video environments with the Vista Spyder series. The Spyder series’ advanced hardware processing allows you to display millions of pixels in edge-blended or multi-screen video environments. You can also mix live video and computer sources across user-defined combinations of projectors, plasma screens, LED walls, and rear projection cubes without breaking a sweat.

All of that power is tied together in a single, simple control interface that enables operators to jump quickly between various preset on-screen presentations, launch cued timeline scripts, or mix ‘on the fly’ for live programs. A variety of layered motion and source effects along with color, luminance, and linear keying create engaging, multi-level video presentations.

Inputs can be a mix of analog BNC and DVI signals with built-in conversion for analog/digital, interlaced/progressive, as well as scaling, aspect ratio, color space and frame rate
Outputs natively support any display from component analog 480i to 3G SDI and digital 4K
Define properties for each output independent of each signal source
Layer up to four sources on each output for background/foreground transitions, PIP windows, bugs, lower-third titling, tickers, and more
Control from front panel, web browser, or external control system
Integrated source monitoring with real-time, full-frame-rate view of all connected sources
Models: Vista Spyder X20 and Vista Spyder 200/300

Vista Universal Routing Switcher (URS)

Throw out the jungle of conversion boxes surrounding your router and replace it with a single Vista URS. The dependable Vista URS cuts hardware and wiring costs, additional points of failure, configuration time, and processing delays. Proven in rental and staging markets, the neatly packaged 4RU router is perfect for flight packs, OB vans, and as an intake station in small studio applications.

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Define properties for each output independent of each signal source
Layer up to four sources on each output for background/foreground transitions, PIP windows, bugs, lower-third titling, tickers, and more
Control from front panel, web browser, or external control system
Integrated source monitoring with real-time, full-frame-rate view of all connected sources
Models: Vista URS-0808 (8 inputs, 8 outputs) and Vista URS-1608 (16 inputs, 8 outputs)
### Vista Spyder X20 vs Vista Spyder 200/300

#### Why choose Vista Spyder X20?
- Processes the largest image resolutions of any comparable device, including 3G SDI and dual-link DVI resolutions up to 2560 x 1600, and 4K at 59.94 FPS progressive
- Integrated routing matrix routes any input to any output without requiring external equipment
- Integrated source monitor – multiple external monitors are not required
- Live preview monitoring at full frame rates

#### Why choose Vista Spyder 200/300?
- Greater input/output modularity makes system more cost effective in small, non-standard configurations
- Universal inputs enable all inputs in a system to be the same format – for example, all DVI inputs
- Compatible with existing Vista Spyder 200/300 installations

<table>
<thead>
<tr>
<th>Feature</th>
<th>Vista Spyder 200/300</th>
<th>Vista Spyder X20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Virtual Image (VI) size</td>
<td>• 6.6M pixels at 59.94Hz up to 13.2M at 29.97 fps</td>
<td>• 20M pixels (all frame rates)</td>
</tr>
<tr>
<td>Max VI height</td>
<td>• 1400 pixels at 59.94Hz up to 2304 pixels at 29.97 Hz</td>
<td>• 2400 pixels</td>
</tr>
<tr>
<td>Maximum input and output resolution</td>
<td>• 2048 x 1200</td>
<td>• Horizontal resolutions up to 2560 and vertical resolutions up to 2160 within 330 MHz pixel clock (resolutions above 2048 x 1200 use 2 channels. Dual-link on odd numbered outputs only)</td>
</tr>
<tr>
<td>Supports 3G-SDI</td>
<td>• No</td>
<td>• Yes</td>
</tr>
<tr>
<td>Progressive Dual-link DVI support</td>
<td>• 29.97 frame rate limit and max 210 MHz pixel clock</td>
<td>• Enables previous analog input, supported on 4 of 8 outputs</td>
</tr>
<tr>
<td>(in and out)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HDCCP support</td>
<td>• No</td>
<td>• Yes</td>
</tr>
<tr>
<td>Stereoscopic support</td>
<td>• 3.3M pixel VI size</td>
<td>• 20M pixel VI size</td>
</tr>
<tr>
<td>4K support</td>
<td>• 4 channels required for 30Hz support, 2 parallel units required for 60Hz support</td>
<td>• 2-channel capable with 2048 x 2160p60 inputs/outputs and 2-2K I/O. Can support two 4K displays</td>
</tr>
<tr>
<td>Rotation (90˚, 180˚, 270˚) output support</td>
<td>• On limited outputs (DX4 cards only)</td>
<td>• On any output</td>
</tr>
<tr>
<td>VI layers supported</td>
<td>• 1 per input</td>
<td>• 8 for 0808, 16 for 1608</td>
</tr>
<tr>
<td>‘Live Preview’ scripting</td>
<td>• No</td>
<td>• Yes</td>
</tr>
<tr>
<td>Front panel control</td>
<td>• No</td>
<td>• Yes</td>
</tr>
<tr>
<td>Integrated source monitor</td>
<td>• No, requires external monitoring</td>
<td>• Yes</td>
</tr>
<tr>
<td>Internal routing matrix</td>
<td>• No, external router recommended</td>
<td>• Yes</td>
</tr>
<tr>
<td>External still image server support</td>
<td>• No</td>
<td>• Yes</td>
</tr>
<tr>
<td>Power supplies</td>
<td>• Single</td>
<td>• Dual redundant hot swappable</td>
</tr>
<tr>
<td>Configurable input/output build options</td>
<td>• Yes, factory configurable on a granular basis</td>
<td>• No, 8 in/8 out and 16 in/8 out only options</td>
</tr>
</tbody>
</table>

### Contact Information

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