



Applications

- Automotive
- Oil & gas exploration
- Scientific research
- Aerospace
- Engineering
- Manufacturing
- Museums and education
- Architecture
- Entertainment
- Medical/pharmaceutical
- Visualization

Choice. Control. Flexibility. Just what every Stereoscopic Display needs

The Spyder Stereoscopic Option (SSO) enables stereoscopic input and output on the Spyder family of windowing processors.

This option adds full Stereoscopic support to Spyder's already extensive list of features like mixing, scaling, smooth-motion, keying, and blending. The performance and feature set provided by this combination of features is unparalleled by any other product on the market.

Multiple PIPs containing any mixture of stereo and mono content on the screen at a any time. Add, Remove, Re-size and Re-position windows dynamically or using pre-programmed sequences; smoothly transition from mono to stereo sources allowing more natural segue ways when manipulating the workspace dynamically, or doing presentations.

Spyder makes your display more flexible, allowing you to switch any display from stereo to mono mode with a single click.

Spyder can composite (layer) any mixture of stereo and mono content onto the display or making presentation of the stereoscopic content more clear key over a stereo mode switch to change stereo sources to mono mode for quick viewing without glasses.

Spyder's extensive keying capability allow a multitude of effects to be created. Create HUD like overlays of mono content over a stereo source. Mix multiple mono or stereo sources into a single image. Use Microsoft PowerPoint to overlay text creating a presentation to be layered over mono or stereo sources.

Allow both Stereo and Mono PIP windows simultaneously

Mono and Stereo outputs of the same workspace available simultaneously

Record Stereo and/or mono using commodity digital recorders

Spyder has tremendous flexibility in output configurations.

For example, Spyder can output to any of the following displays:

- active blended projector array @ 120hz
- passive blended projector array @ 60hz x2
- mono commodity LCD monitor running at 60hz
- mono single commodity projector running at 60hz
- and an HD-SDI recorder running at 59.94hz

Spyder can even output to all of them Simultaneously!

Spyder can simultaneously output the same image on several outputs at different resolutions and refresh rates.



Distributor / Vertrieb:

VIDELCO – Professionelle Audio- Video- Medien-Technik!
Tel.: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu



Spyder Standard Features

Input Formats

Analog RGB (SOG, Composite or Separate Sync)
Analog YUV
SDI
HD-SDI
DVI
Analog Composite (optional)
S-Video (optional)

Resolution

Digital input and output up to:
2048x1200 @60hz
SXGA+ @120hz

Analog input and output up to:
2048x1200 @60hz
SXGA+ @115hz

Spyder can be configured to accept or output multi-connector formats
e.g. 4 input or output channels can be configured for 4K resolution

IO Capacity

Expandable up to 32 Inputs
Expandable up to 32 Outputs

Standard Features

Smooth Window Motion
Keyframe Animation
Colored Borders
Shadows
Crop
Pan
Zoom

Easy to Use Windows Interface
SpyderPoint PowerPoint Plug-In
UDP Protocol

Output Formats

Analog RGB (SOG, Composite or Separate Sync)
Analog YUV
SDI
HD-SDI (NTSC, PAL, 29.97, 59.94, 25, 50 Hz
frame rates supported)
DVI
DVI-Dual
DVI-Twin (10 bit DVI)
Analog Composite (optional)
Analog S-Video (optional)

Color Depth

10 bits per color (10 bpc)
30 bits per pixel (30 bpp)



Stereo Features

Active

Stereoscopic sources up to SX+ @120hz
Stereoscopic displays up to SXGA+ @120hz

Passive

Sources up to 2048x1200 @120hz
Displays up to 2048x1200 @120hz



Preliminary

Distributor / Vertrieb:

VIDELCO – Professionelle Audio- Video- Medien-Technik!
Tel.: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu