SPYDER™ STEREOSCOPIC

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.

Spyder can composite (layer) any mixture of stereo and mono content onto the display and stereo sources can be switched into mono mode for quick viewing without glasses.

Spyder's extensive keying capability allows 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 Power Point, to over lay text creating a presentation to be layered over mono or stereo sources.

Applications

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

ALLOWS 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

Our SSO option allows Multiple PIPs containing any mixture of stereo and mono content on the screen at any time. Add, remove, resize, and reposition 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 has tremendous flexibility in output configurations. For example, Spyder can output to any or simultaneously to all of the following displays:

- Active blended projector array at 120hz
- Passive blended projector array at 60hz x 2
- Mono commodity LCD monitor running at 60hz
- Mono single commodity project running at 60hz and an HD-SDI recorder running at 59.94hz

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

ViSTA SYSTEMS

SPYDER™ STEREOSCOPIC

SPYDER STANDARD FEATURES

Input Formats:

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

Output Formats:
  (NTSC, PAL, 29.97, 59.95, 25.50 hz frame
  rates supported)

- Analog RGB (SOG, Composite or Separate Sync)
- Analog YUV
- SDI
- HD-SDI
- DVI
- DVI-Dual
- DVI-Twin (10 bit DVI)
- Analog Composite (optional)
- S-Video (optional)

Resolution:
Digital input and output up to:
2048 x 1200 @60hz
SXGA+ @120hz

Analog input and output up to:
2048 x 1200 @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)

Color Depth:
10 bits per color (10bpc)
30 bits per pixel (30bpp)

IO Capacity:
Expandable up to 32 inputs
Expandable up to 32 outputs

Standard Effects:
Smooth Window Motion
Key Frame Animation
Colored Borders
Shadows
Crop
Pan
Zoom

Easy to use Windows interface
SpyderPoint PowerPoint Plug-In
Serial External Control
Ethernet External Control

SSO STEREO FEATURES

Active:
Stereoscopic sources up to SX+ @ 120hz
Stereoscopic displays up to SX+ @ 120hz

Passive:
Sources up to 2048 x 1200 @120hz
Displays up to 2048 x 1200 @120hz