

Kaleido-X16

16 input, dual output multi-viewer for Stereoscopic 3D monitoring

Kaleido-X16 is an ultra-quiet multi-viewer with 16 inputs, two multi-viewer outputs, and two router outputs. It offers exceptional picture quality, and operates with 3Gbps/HD/SD/Analog video, with support for Dual 1.5Gbps (SMPTE-292M) and Single 3Gbps (SMPTE-425M-B). The control and layout characteristics with Stereoscopic 3D are the same as with 2D video, and 3D and 2D signals can be displayed simultaneously.



KEY FEATURES AND BENEFITS

Stereoscopic 3D support

- › 3Gbps / HD / SD / Analog inputs
- › Stereoscopic 3D support, including Dual 1.5Gbps, SMPTE-292M, and Single 3Gbps, SMPTE-425M-B
- › DVI and MPEG video accepted with optional interfaces

Unmatched image quality

- › Unmatched multi-viewer picture quality, and superior on-screen graphics, for the most critical monitoring applications
- › 2 HDMI and 2 HD/SD-SDI multi-viewer outputs
- › DXF-200 optical DVI extension uses multi-mode fiber with SC connector to simplify long runs of up to 3300 ft (1 km)

Superior layout flexibility

- › Any of the video inputs can be displayed, any number of times, at different resolutions and sizes up to full screen, on the multi-viewer outputs, without blocking or bandwidth limitations

Scalable for the largest systems

- › Expansion through combination with upstream router (NVISION or third party)
- › Can create the very largest combined multi-viewer/router systems with up to 1152 video inputs, 144 independent multi-viewer outputs

Advanced signal probing

- › Integral signal probing and on-screen alarms
- › Display of XDS Metadata and Closed Captioning
- › XSupervise, an optional PC-based application, delivers multi-channel, automated signal monitoring and alarm management

Built-in router

- › Two 3Gbps/HD/SD router outputs (16 x 2)
- › Internal router control by NVISION panel and NV9000 Controller

Legendary ease of use

- › Easy layout preparation with XEdit
- › Intuitive On-screen Mouse control
- › Choice of multi-viewer remote control panels: simple Kaleido-RCP2 and advanced RCP-200 with router control (future option)

Ultra-quiet, robust design

- › Super silent for installation within studios and control rooms
- › Highly robust 1RU design with optional redundant power supply

ORDERING INFORMATION

Frame selection

Kaleido-X16-D	16 input dual head multi-image processor
Kaleido-X16-S	16 input single head multi-image processor

Video Input Options

KXI-DVI-BRIDGE	Dual channel DVI to HD bridge
KXS-X16-3Gbps	3Gbps format license (1/frame)

Audio Input Options

KXS-X16-SD-EMB	SD-SDI embedded audio license (1/frame)
KXS-X16-HD-EMB	HD/SD-SDI embedded audio license (1/frame)
KXS-X16-Dolby	Dolby metadata extraction license (1/frame)
KXS-X16-Loudness	Loudness level measurement license (1/frame)
KXA-TBA-44	Terminal block adapter for HD-44 connections (For GPI connections)
NSH26M	Terminal block adapter for HD-26 connections (for audio I/O connections)

Alarm/Metadata options

KXA-XSupervise *	Alarm management for Kaleido multi-image display system
KXS-X16-CSX	CC/subtitling and XDS data license (1/frame)
* Application Server included	

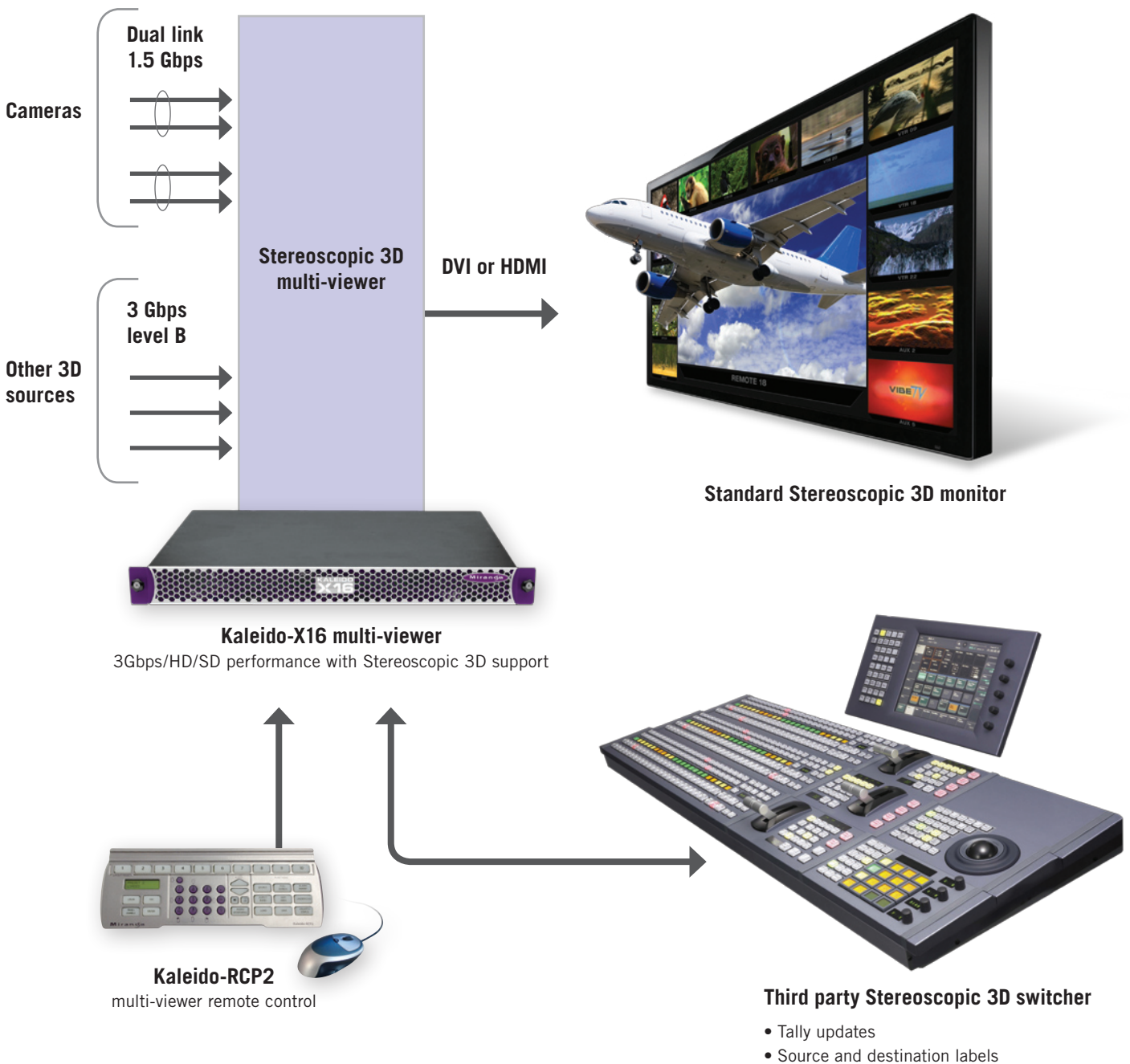
Output options

KXS-X16-HDM-S	HD-SDI monitoring output for Kaleido-X16-S
KXS-X16-HDM-D	HD-SDI monitoring output for Kaleido-X16-D
DXF-200-B	Optical Extension System with HDMI+L - HDMI+L Cable
DXF-200-PSU	DXF-200 Power Supply (1x sub-module)
DXF-TRAY	8 DXF-200 TX or RX Module Tray with Redundant PSU
KXS-X16-ROTATOR-S	Rotation license for Kaleido-X16-S
KXS-X16-ROTATOR-D	Rotation license for Kaleido-X16-D
KXS-X16-RTR16x2	Dual router output option (1/frame)
KXS-X16-3D	3D/Stereoscopic license

Stereoscopic 3D support across multi-viewers

All Kaleido multi-viewers offer 3Gbps/HD/SD performance, with Stereoscopic 3D support when used with standard stereoscopic displays. Stereoscopic 3D support includes Dual 1.5Gbps, SMPTE-292M, and Single 3Gbps, SMPTE-425M-B. By using high quality Stereoscopic 3D monitoring during production, an operator can fully assess the quality and compare perspectives before switching between two Stereoscopic 3D cameras.

Using a Kaleido multi-viewer for Stereoscopic 3D production monitoring



See www.miranda.com for full range of Kaleido multi-viewers with Stereoscopic 3D support