

SVS-8[®]

Streaming Video System



The SVS-8 Streaming Video System

The Streaming Video System (SVS-8) is a compact, hardware-based solution to decode compressed video streams on a Jupiter display wall, or in standalone applications. The SVS-8 supports a mixture of camera, NVR, and DVR vendors, including installations with mixed transport and encoding methods.

Supported video encoding standards include MPEG-2, MPEG-4, H.264, and MJPEG. The SVS-8 supports unicast and multicast streams, as well as the RTP, RTCP, RTSP, SAP, TCP, and UDP protocols, among others.

A Future-Proof Combination of Power and Flexibility

Streaming video solutions and encoding devices are evolving rapidly, providing a dizzying array of choices. Installations are frequently transitioning between standards and/or vendors. With the SVS-8, Jupiter has created the perfect solution for installations that need to support the widest variety of encoding standards and vendors possible, while maintaining the flexibility to incorporate new capabilities as future needs dictate.

The SVS-8 is a 1U rackmountable device, driven by multiple SoC (system on chip) processors which are able to independently decode a wide variety of streaming video formats at full resolution and full frame rate. The programmable SoC architecture allows for future enhancements, as well as the addition of new encoding standards and transport protocols.

Three SVS-8 Models to Support Any Application

The SVS-8 Standard (SVS-8) connects directly to a network and decodes compressed network video streams into standard composite video, in either the NTSC or PAL format. The SVS-8 works in concert with a Jupiter Fusion or Fusion Catalyst display wall processor, or as part of a PixelNet display system and is tightly integrated into each environment, providing access to network-based video streams in real time.

The SVS-8 Standalone Model (SVS-8 SAM) is designed for use where having a truly universal streaming network video decoder is required to drive DVRs, video monitors, or other devices that can accept a composite

video signal. With an easy to use web-based configuration and control interface, setting up an SVS-8 SAM is a snap, and its ability to support a wide variety of vendors and encoding standards ensures that even the most heterogeneous environments can be managed by a single device.

The SVS-8 Digital (SVS-8D) builds upon the success of the existing SVS-8 family, adding a pure digital connection between the SVS-8D and the new Fusion Catalyst family of display wall processors. The SVS-8D is scheduled to ship in late 2010. Please contact your nearest Jupiter Systems sales office for availability.



SVS-8 Streaming Video System

Specifications



A B C D E F G

- A Power
- B Fan
- C Ethernet Ports
- D SD Card (do not remove)
- E USB Port (not supported)
- F DIAG (manufacturing only)
- G Composite Video Output
- H CX-4 Connector (SVS-8D only, not shown)

SVS-8 Streaming Video System

- Composite video output, NTSC or PAL format, on 8 BNC connectors
- Supports MPEG-2, MPEG-4, H.264, MJPEG
- Direct digital connection on SVS-8D (CX-4 type connector)
- Able to decode multiple encoding formats simultaneously
- Advanced programmable SoC (system on chip) architecture
- Available in three models: Standard, Standalone, and Digital

Output Signal Specification (SVS-8 Standard and Standalone Models)	Composite video on 8 BNC connectors NTSC or PAL output format
Output Signal Specification (SVS-8D)	Jupiter proprietary digital connection on CX-4 port
Network	Dual Gigabit Ethernet interfaces
Streaming Video Formats	MPEG-2, MPEG-4, H.264, MJPEG Standard definition profiles only
Transport and Protocols	Program, elementary, and transport streams RTP, RTCP, RTSP, SAP, TCP, and UDP protocols Unicast and multicast
Dimensions	
H x W x D	19" x 15" x 1.75" (48.3 cm x 38.1 cm x 4.4 cm)
Weight	13 lbs. (5.9 kg)
Shipping weight	15 lbs. (6.8 kg)
Operating Environment	
Temperature	32°F – 104°F (0°C – 40°C)
Humidity	10-90%, non-condensing
Altitude	Up to 10,000 feet (3,048m)
Electrical Requirements	
Input voltage	100-240 VAC, auto-ranging power supply
Line frequency	50-60Hz
Power consumption	200/240 watts, maximum
Regulatory	
United States	UL 60950 listed, FCC Class A
Canada	cUL CSA C22.2, No. 80950
International	C E Mark, CB Certificate and Mark, IEC 60950

Supported Endoders Partial list, check website for details and updates

ACTI	Mavix
Axis	Optelecom-NKF
Bosch	OTN
CoreTec	Pelco
Cornet	Sony
DVTel	Teleste
Impath	VBrick





Suite 401 | Jumeirah Terrace, Telephone :: +971 4 3464646
 Jumeirah 1, PO Box 118821, FAX :: +971 4 3464647
 Dubai, U.A.E. Vid Conf :: +971 4 3464641
 E-mail :: info@granteq.com Web: www.granteq.com