

# STREAMVIEW™

## MPEG4 A/V Network Server

The Vaddio™ StreamVIEW MPEG4 A/V Server was designed to provide system integrators with a simple way to stream video and audio content from any Vaddio camera control system or any other A/V device.

The StreamVIEW software was specially written to allow any of our Sony® or Canon® pan/tilt/zoom cameras to become IP cameras with complete web-based remote control. The StreamVIEW comes complete with software for several applications and has many unique features that enhance the value of the StreamVIEW when used with the Vaddio A/V and control products. The overall value and capability of the StreamVIEW is unmatched in today's A/V Network Server market.



Figure 1: Front Panel of Vaddio StreamVIEW MPEG4 A/V Server

## TECHNICAL FEATURES

### MPEG4/MPEG4Plus/JPEG Compression with G.723/mp3 Audio Compression

The StreamVIEW is a MPEG4 multi-stream (low and high bandwidth) capable video server. The two-way audio streaming utilizes G.723 (mp3) audio compression for outstanding audio clarity.

### Multi-streaming Technology

The StreamVIEW uses multi-streaming technology, which reduces bandwidth demands for low bandwidth users and allows more A/V information to be transmitted over the network than non multi-streaming products. The StreamVIEW allows viewing of high quality streamed audio and video from anywhere in the world with low latency.

### Camera Control over IP

The StreamVIEW is unique in the over the network connection, many of today's most popular Pan/Tilt/Zoom cameras can be controlled. Compatible PTZ cameras include the Sony® EVI-D100, EVI-D70, BRC-300 and the Canon® PTZ cameras, VC-C50i and VC-C50iR.

### Video Resolution

The StreamVIEW has video resolution of 704 x 480 at 30 frames per second (NTSC) and 704 x 576 at 25 frames per second (PAL).

### Remote Access

Web Based Remote Access is possible using a PC and Private/Dynamic/Global/Static IP Support. Features User Name/Password Management and secure password enabled interface.

### Integrated Web Server

The StreamVIEW has an integrated web server with a 10/100Mbps fast Ethernet interface with front panel and LED indicators, which show Power, Link and LAN status.

### Video I/O

The StreamVIEW has a composite video input on BNC connector and a looping video output on BNC connector for monitoring the video signals that are to be streamed out.

### Software Bundle

The software that is included with the system features;

- A/V Communicator - control and recording software
- Web Viewer - basic viewing and camera control software
- NVR Program - view and record up to sixteen (16) cameras over the internet.
- The software supports manual or scheduled streaming.

### Supported Video Formats

NTSC and PAL Versions are available.

## WHAT'S INCLUDED

Each StreamVIEW MPEG4 A/V Server includes:

- A/V Server Device (1/2 rack size 1RU tall)
- Software Disc with A/V Communicator, Web Viewer, NVR program and Manual on disc
- Power supply, Manual on CD and cross RJ-45 patch cable (for installation only)

## TECHNICAL SPECIFICATIONS

<b>Video Channels</b>	1 Video Channel
<b>Video Compression</b>	MPEG 4, MPEG 4 Plus, JPEG
<b>Video Resolution (Max.)</b>	704x480 (NTSC), 704x576 (PAL)
<b>Video Frame Rate (Max.)</b>	30 frames per second (NTSC), 25 frames per second (PAL)
<b>Audio Signal</b>	Bi-directional
<b>Audio Compression</b>	G.723
<b>Network Interface</b>	10/100Mbps
<b>Network Type</b>	Global/Private/Static/Dynamic IP
<b>Network Encryption</b>	ID, Password, Image
<b>Concurrent Users</b>	Up to 50
<b>Video In / Out Connections</b>	1 / 1 on BNC connectors
<b>Audio In / Out Connections</b>	1 / 1 on 3.5mm TRS Connectors
<b>Control Interfaces</b>	RS-232 on DB-9, RS-485 on push terminals
<b>Ethernet Jack</b>	RJ-45
<b>Power Supply</b>	12 VDC, 100-240V, 50-60Hz, 2.0A (set at 1.5A)
<b>Event and Alarm</b>	Motion Detection (IR Sensor) & Alarm Notification (relay output)
<b>Sensor In / Relay Out</b>	2 / 2
<b>Included Software:</b>	Viewer (A/V Communicator - Admin Software) Web Viewer (Multi-function Viewer) NVR (Network Video Recorder – View and Record up to 16 sites)
<b>EMI and Safety</b>	FCC, CE, MIC, VCCI
<b>Weight:</b>	3 lbs. (1.36kg) estimated
<b>Dimensions (H x W x D):</b>	1.75" (4.45cm) x 8.75" (22.23cm) x 6" (15.24cm)

**Figure 2:** Rear Panel of Vaddio StreamVIEW MPEG4 A/V Network Server and basic connectivity.

