

4Sight™

MPEG-4 / H.264 Video Streaming Server for IPTV and Enterprise Solutions



- **Carrier-class streaming server**
- **Scalable, flexible configurations for core or edge deployments**
- **High-performance media delivery**
- **Trick-play support**
- **Advanced interactive applications support**
- **ISMA compliance for proven interoperability**

Applications

- Video-on-demand services
- Broadband IPTV distribution
- Cable TV head-ends
- X-DSL video distribution

The 4Sight™ video streaming server from Envivio provides optimized MPEG-4 and H.264 streaming performance in small-, medium-, and large-scale enterprise, broadband, and broadcast deployments. It has been designed to meet the needs of all professional video distribution applications. 4Sight is a key component of Envivio's carrier-grade solutions for deployment of IP television.

Features

- Stream MPEG-4 and H.264 content
- Ability to stream MPEG-4 Systems content (BIFS)
- Playlist management
- Network selection on output relay
- Real-time stream switcher
- 'Trick Play' support
- Error resilience
- Remote administration and monitoring
- Load balancing
- Session Announcement Protocol (SAP) support
- Customizable authorization
- Linux Redhat 8.0 operating system

Benefits

- Deliver top-quality video over existing IP networks
- Increase audience reach using scalable multi-server configurations
- Distribute standard MPEG-4 content to use on any client platform – PC, set-top box, and wireless device
- Reduce bandwidth costs by streaming efficient MPEG-4 files

Technical Specifications

	4Sight STD	4Sight PRO
Streaming Formats	MPEG-4, H.264	MPEG-4, H.264
Streaming Modes	Unicast, multicast	Unicast, multicast
Streaming Data Protocols	RTP/RTCP over UDP/TCP/reliable UDP/ HTTP tunneling	RTP/RTCP over UDP/TCP/reliable UDP/ HTTP tunneling
Streaming Control Protocols	RTSP	RTSP
Network Interfaces	Two (2) 10/100/1000 Mbps Ethernet ports	Two (2) 10/100/1000 Mbps Ethernet ports
Aggregate Throughput	100 Mbps (limited)	Up to 500 Mbps (depending on stream rate)
Internal Storage	72 GB in RAID 5 (4Sight STD-IS-72G)	Base: 72 GB in RAID 5 (4Sight PRO-IS-72G) Option 1: 365 GB in RAID 5 (4Sight PRO-IS-365G) Option 2: 730 GB in RAID 5 (4Sight PRO-IS-730G)
External Storage		Up to 27 TB connected by fiber channel (call for details)
Advanced Features		Trick Play (fast forward, pause, rewind) Stream reflecting and relaying
Management and Administration	SNMP agent for monitoring Web-based administration Detailed event logging Authentication and authorization manages content access	SNMP agent for monitoring Web-based administration Detailed event logging Authentication and authorization manages content access
Physical and Power	2RU 25" 483 mm (W) x 635 mm (D) x 90 mm (H) 19" (W) x 25" (D) x 3.5" (H) Weight: 23 kg (50 lb) Power in: 100-240 VAC auto-ranging Power consumption: 150 W maximum	2RU 25" 483 mm (W) x 635 mm (D) x 90 mm (H) 19" (W) x 25" (D) x 3.5" (H) Weight: 23 kg (50 lb) Power in: 100-240 VAC auto-ranging Power consumption: 150 W maximum
Environmental Conditions	<i>Ambient temperature</i> Operating: 5 to 35° C (41 to 95° F) Non-operating/storage: -40 to 70° C (-40 to 158° F) <i>Relative humidity</i> Non-operating: 95% at 30° C (86° F) non-condensing	<i>Ambient temperature</i> Operating: 5 to 35° C (41 to 95° F) Non-operating/storage: -40 to 70° C (-40 to 158° F) <i>Relative humidity</i> Non-operating: 95% at 30° C (86° F) non-condensing

For more information, visit:
www.envivio.com

