Multiple Stream SRT Media Gateway

The New ELLVIS9000 SRT Gateway is an integrated bidirectional SRT/UDP Transport Appliance. When used with VividEdge SRT ready MPEG Video Encoders the system allows delivery of multiple streams of high-quality secure, and low-latency video across the public Internet.

This innovative solution enables MPEG2 and h.264 broadcast quality streams to be transported from any venue despite unreliable Internet connections. It eliminates the need for Satellite/Microwave/Leased Line connections, providing high quality cost effective transport for PEG and broadcast feeds.

SRT optimizes streaming performance across unpredictable networks with secure streams and easy firewall traversal, bringing the best quality live video over the worst networks. It accounts for packet loss, jitter, and fluctuating bandwidth, maintaining the integrity and quality of your video.

SRT provides end-to-end security, resiliency and dynamic endpoint adjustment based on real-time network conditions to deliver the best video quality at all times on any network.

Integrated MPEG DASH Packager

With a firmware upgrade, the ELLVIS9000 supports Dynamic Adaptive Streaming over HTTP (DASH) and OTT Web Hosting. Dynamic stream type and short segment size (.5 to 1 Sec.) are ideal for live video applications where low stream latency is critical. Web hosting maybe be over HTTP or HTTPS for added security. Up to 40 instances of packager and web host may be loaded into the 1 RU footprint. This is an ideal solution for MDU/Institutional local video content hosting where the physical network architecture is IP centric.
Real Time Content can now be streamed via SRT from Anywhere to the ELLVIS9000. The E9000 Packages the content and Publishes

**HIGHLIGHTS**

- Broadcast delivery over public Internet
- Low latency
- Protection from packet loss, bandwidth fluctuations, jitter and delay
- End-to-end AES encryption
- Error recovery
- Firewall friendly
- One to Many Fanout Capability
- Integrated DASH Packager/ Web Host
- One time buy for stream counts, upgradeable
- No separate server required (Virtualized Models)
- No recurring bandwidth service charge
- Single vendor solution
- Intuitive web based GUI
- Login Security
- SRT Caller/Listener/Rendezvous Modes
- Live OTT streaming video applications
- Works with SRT Enabled MPEG Encoders
# ELLVIS9000 Series

## SRT Media Gateway

### SPECIFICATIONS

**MANAGEMENT**

- 1000BaseT Ethernet Interface
- Web GUI

**INPUT**

- ISO/IEC 13818 SPTS/MPTS MPEG TS, 1000BaseT
- UDP/SRT Protocol, UDP, Multicast

**OUTPUT**

- ISO/IEC 13818 SPTS/MPTS MPEG TS, 1000BaseT
- UDP/SRT Protocol, UDP, Multicast, One to Many Fan Out.
- Dynamic Adaptive Streaming over HTTP/HTTPS (DASH)
- .5 to 1 second segment size for live low latency streaming.

### LATENCY

- 20 to 8000ms

### ENVIRONMENTAL AND POWER

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>35W @ 90 to 240VAC (Internal Power)</td>
</tr>
<tr>
<td>Weight</td>
<td>5lb</td>
</tr>
<tr>
<td>Operational Temp</td>
<td>0° to 50° C</td>
</tr>
<tr>
<td>Storage Temp</td>
<td>-10° to 60° C</td>
</tr>
<tr>
<td>Dimensions</td>
<td>1RU 17.0&quot; W x 9.0&quot; D x 1.75&quot; H</td>
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</tbody>
</table>

### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELLVIS9000</td>
<td>SRT/UDP Gateway, 1RU</td>
</tr>
<tr>
<td>ELLVIS9000H-10</td>
<td>10 Stream Gateway/Catcher License Appliance</td>
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<td>ELLVIS9000H-20</td>
<td>20 Stream Gateway/Catcher License Appliance</td>
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<td>30 Stream Gateway/Catcher License Appliance</td>
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