The GY-HC900 V4 Upgrade provides SRT Advanced Streaming Technology, VITC Time Code and RTMPS.

### Main Features

**SRT FEC (Forward Error Correction)**
- SRT delivers broadcast-quality video over the Internet. Resilient to network congestion, high jitter, and packet loss.
- In addition to ARQ (Automatic Repeat request), FEC (Forward Error Correction) provides redundant data to the stream to be used to recover packets lost due to unstable connections, internet congestion, and high jitter.

**SRT Stream ID**
- Only one port is required.
- Stream ID protects video channel from unauthorized access.
- Provides additional security when moving video over public networks.
**VITC Vertical Interval Time Code**
- Industry-standard TC compatible with Haivision, VITEC, and other decoders.

**Proxy HD 1280 x 720 60p 50p**
- “Proxy HD 1280 x 720 60p/50p” mode is available.
- You can send BREAKING NEWS with HD quality to the station by using Auto FTP.

<table>
<thead>
<tr>
<th>System</th>
<th>Video Format</th>
<th>Resolution</th>
<th>Frame rate</th>
<th>Sampling</th>
<th>Bit Rate(Max)</th>
<th>Audio</th>
<th>Rec Time min (Audio 4ch Rec)</th>
<th>Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEB (Proxy)</td>
<td>QuickTime (MPEG-4 AVC/H.264)</td>
<td>1280 x 720</td>
<td>60p/50p</td>
<td>4:2:0 8-bit</td>
<td>6Mbps (LP)</td>
<td>864</td>
<td>64GB SD card</td>
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<tr>
<td></td>
<td></td>
<td>720 x 480</td>
<td>59.94i</td>
<td>4:2:0 8-bit</td>
<td>8Mbps (HQ)</td>
<td>640</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>720 x 576</td>
<td>50i</td>
<td>4:2:0 8-bit</td>
<td>3Mbps (HQ)</td>
<td>1920</td>
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<td></td>
<td></td>
<td>960 x 540</td>
<td>29.97p/25p/23.98p</td>
<td></td>
<td>1.2Mbps (LP)</td>
<td>3840</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>480 x 270</td>
<td>29.97p/25p/23.98p</td>
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</table>

**RTMPS (Real Time Message Protocol over Secure Sockets Layer)**
- GY-HC900 V4 supports RTMPS protocol. Facebook Live is requiring all encoders to use the RTMPS protocol from May 2019.

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