Features

- Input: Uncompressed HDSI
- Output: Recorded files accessible via IP
- Real time and scheduled recording of HDSI streams
- HDMI version available
- 8,12, or 16 port versions available
- Stores content to local SSD

Applications

- Record and store programs for archiving
- Engineering labs
- Archiving events on video trucks
- Broadcast archiving

Overview

HDSI is the standard for digital uncompressed video and has been adopted throughout the world. It is still the dominant connection system installed in cameras head end, and on content play out servers. Inevitably it will be superceded by digital compressed video standards.

25 years ago capturing HDSI used to be VCR’s to tape. The storage was native uncompressed, 15 years ago the storage format migrated hard drives. Today HDSDI recorders use solid state drives.

Thanks to advances in computer technology and compression affordable 16 core computer can compress up to 8 HD uncompressed streams simultaneously. Along with this development Black Magic Design and others have introduced high density capture card.

The result of these developments is our Streambucket 4 port HDSDI. It comes in 2 flavors; JPEG 2K (lossless) and H.264.

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Sample of GUIs

Frequency Selection GUI

Scan Channels GUI

Record/Playback GUI

Ordering Information
STREAMBUCKET 4 Port HDSDI

Inputs/Outputs

Specifications

Administration
Access: Web interface
SSH (Secure command line interface)
SNMP: Monitoring and alerts

CPU and Operating System
CPU: Intel® Xeon® processor
OS: DVEO embedded Linux® on SSD

Physical & Power
Size – 1 RU high: 19 x 14.96 x 1.7 inches (W x D x H)
483 x 380 x 43.4 mm (W x D x H)
Voltage: 100-240V, 4.2A, 60-50 Hz, 220 watts
Operating Temperature: 10°C to 35°C
Non-operating Humidity: 20% to 90% non-condensing
Conformities: UL, BSMI, CSA, FCC, CE, RoHS
Weight: 15 lbs. (6.8 kg)

Security
Ports security scanned to MIL requirements prior to shipment

Supported Resolutions
Supported Resolutions – Input and Output

<table>
<thead>
<tr>
<th>Resolution</th>
<th>1920 x 1080</th>
<th>720 x 480</th>
<th>480 x 480</th>
</tr>
</thead>
<tbody>
<tr>
<td>1280 x 720</td>
<td>720 x 480</td>
<td>480 x 320</td>
<td></td>
</tr>
<tr>
<td>720 x 576</td>
<td>640 x 480</td>
<td>320 x 240</td>
<td></td>
</tr>
</tbody>
</table>

Also supports any custom resolution not listed here, including computer formats like 1280 x 1024, etc. Note: Lower resolution results in higher transcodes. Note: Supports PAL TO NTSC conversion but not NTSC to PAL. Note: Supports closed captioning. Does not support 608 closed captioning for SDI input. Only 708 is supported. Note: Does not support closed captioning for optional HDMI inputs. H.265 output resolutions supported are 1080, 720, 576, 480. H.265 576/480 resolutions only have 4:3 aspect ratio.

SDI, HD-SDI Input
Input: SDI (SMpte 259M), HD-SDI (SMpte 292M)
Audio Input: SDI Embedded

Operating Temperature: 10°C to 35°C

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