

# DVDO

## DVDO-StreamRec-1

### Single Channel HDMI/SDI Streamer Recorder



DVDO-StreamRec-1 is a single channel live streaming and recording system.

It can stream incoming HDMI or SDI signals up to Full HD resolution to various streaming platforms such as Facebook Live, YouTube or others.

It can also record incoming HDMI or SDI signals as well as IP content from the network on external storage devices via the USB 3.0 port on the front panel and play the content through the HDMI output.

It can be controlled over IP with a user-friendly web GUI. It also has physical buttons on the front panel to turn on and off streaming and recording and for source selection.

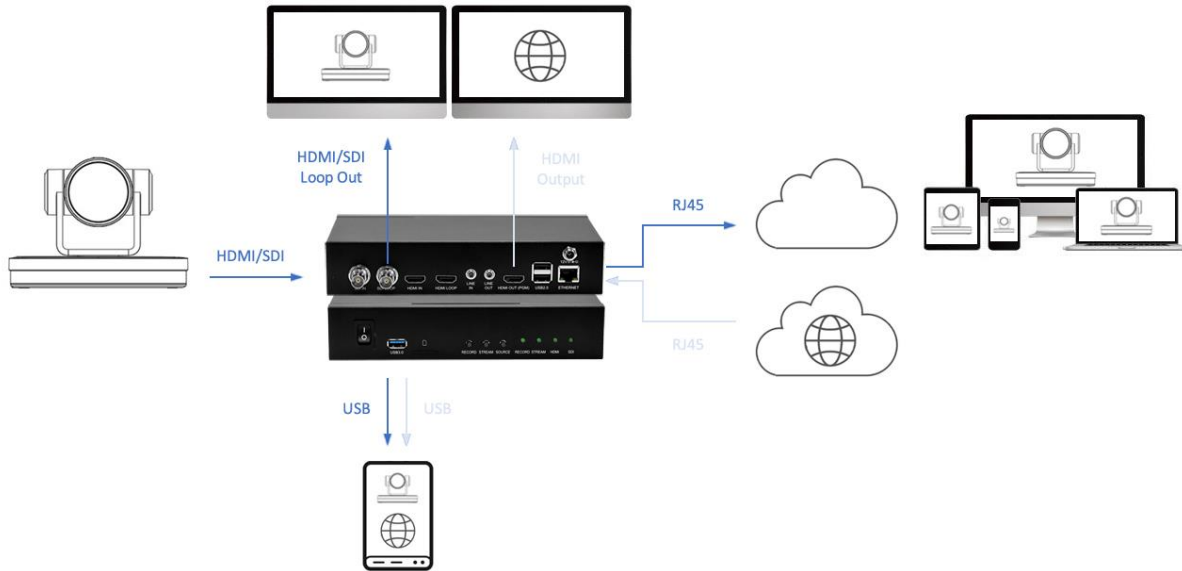
## Features

- Switchable HDMI & 3G-SDI inputs (up to 1080p60 resolution) with HDMI & 3G-SDI loop-outs.
- Separate 3.5mm audio input and output for audio embedding and de-embedding
- Recording: USB 3.0 port for external storage devices
- H.264/H.265/AVC encoding & decoding
- Streaming protocols: RTSP, ONVIF, UDP, HLS, NDI-HX (NDI-HX requires optional license)
- Compatible with various live streaming platforms including Facebook Live, YouTube,...
- Dual HDMI output: HDMI loop-out to preview incoming HDMI signals and HDMI PGM output to display decoded IP stream from the network
- Physical buttons on front panel for Streaming, Recording and Source selection
- System configuration & IP control via web interface
- Controllable by keyboard & mouse via USB 2.0 ports on back panel

## Applications

- Education
- Healthcare
- Broadcasting
- Video Conferencing
- Houses of Worship
- Courtrooms
- Live events
- Hospitality

# Application Diagram



## Technical Specifications

|                          |   |
|--------------------------|---|
| Input Interfaces         | Video: 1 x HDMI 2.0 + 1 x 3G-SDI<br>Audio: 1 x 3.5mm Phone Jack   |
| Output Interfaces        | Video: 1 x HDMI 2.0 (Loop-out) + 1 x 3G-SDI (Loop-out) + 1 x HDMI 2.0 (PGM: ProGraMmed output for decoded video)<br>Audio: 1 x 3.5mm Phone Jack   |
| Other Interfaces         | 1 x USB 3.0 for External Storage Device or UVC Camera<br>2 x USB 2.0 for Keyboard and Mouse   |
| Input/Output Resolutions | 3840x2160p@60/50/30/25/24fps (Output only)<br>1920x1080p@60/50/30/25/24fps; 1920x1080i@60/50fps; 1280x720p@60/50fps;<br>1280x1024p@60fps; 1280x960p@60fps; 1024x768p@60fps; 800x600p@60fps;<br>640x480p@60fps; 720x480i/p@60fps; 720x576i/p@50fps |
| Video Bitrate            | 44kbps to 100Mbps   |
| Audio Features           | Input Audio Stream: AAC   |
| Network Features         | 1 x RJ45 for 10/100/1000 Mbps Ethernet / DHCP Client  |
| Video Encoding           | H.265/H.264/AVC, Profile: Baseline/Main/High  |
| Streaming Protocols      | NDI Support (Separate License with NDI Required); TS Over UDP (Unicast & Multicast);<br>RTSP Over HTTP/TCP/UDP (RTSP Elementary Stream); RTMP (Publish); HLS  |
| Recording Mode           | Hardware Compression, Real-Time Mode  |
| Recording Formats        | *.MP4 / *.TS / *.MOV  |
| Unit Dimensions          | 203x100x41 mm / 8x3.9x1.6 in  |
| Unit Weight              | 0.6 kg / 1.3 lbs  |
| Locking Power Supply     | Input: AC 100-240V 50/60Hz<br>Output: DC 12V/2A (US/EU standards, CE/FCC/UL certified)  |
| Power Consumption        | 19.2W (max)   |
| Operating Temperature    | 0°C ~ 70°C / 32°F ~ 158°F   |