Features

- TS input and IP output over GigE
- Outputs up to ten simultaneous IP streams
- Plays back MPEG-2, H.264/AVC (MPEG-4 Part 10), or H.265/HEVC transport streams
- Tested to work with 4K SD and HD transport streams
- Includes 120 GB SSD drive – can be larger
- SSD drive lets you build, maintain, and use a large local library of Video Clips
- Can play or record a single playlist in sequence via built-in scheduler
- Can play or record multiple files without scheduler
- Supports both SPTS and MPTS
- Supports unicast or multicast
- Maximum output bit rate: 450 Mbps
- Requires very little power
- Comes with color bars and sample 4K Transport Stream files
- SSD drive can be loaded by customer with TS through USB 2.0/USB 3.0

Applications

- Trade show signal source
- Digital Signage – universities, hotels, retail
- Test Signal generator
- Backup source for TS over IP
- Transmission/Loopback Video Source
- Video over IP server for testing
- Service interruption messaging

Overview

The TS Loop IP™ is a transport stream server that is designed to continuously play 1K or 4K compressed video via IP. It comes with a Windows® 7 operating system. It can accept file transfers via IP as any computer. To play a single file, a scheduler is available. A scheduler is available to capture and play single files.

It is designed to play up to ten simultaneous transport streams that are on the SSD as long as power is present.

The TS Loop IP chassis is designed for digital signage and is extremely reliable due to its low heat generation and ample cooling.

This product was designed to provide “always on” and reliable 1 to 450 Mbps MPEG-2, H.264, or H.265 transport streams to devices where “Set and Forget” is desirable.

Sample transport streams and color bars are included with the TS Loop IP. Additional transport streams can be requested at time of purchase.

Outputs up to Ten Simultaneous IP Streams
**Specifications**

**IP Inputs/Outputs**
- Number of Streams: Up to ten simultaneous IP streams
- IP protocols: UDP, RTP
- Maximum output rate: 450 Mbps

**Administration**
- Access: Includes easy-to-use GUI

**CPU and Operating System**
- CPU: Intel® Core i3
- OS: DVEO embedded Linux® on SSD
- Hard Drive: 8 GB RAM
- Memory: 120 GB SSD Intel

**Physical & Power**
- Size: 7.5 x 6.5 x 1.7 inches (W x D x H) 190 x 165 x 43 mm (W x D x H)
- Weight: 3 lbs. (1.36 kg)
- Shipping Weight: 5 lbs. (2.27 kg)
- Power: External 90W fanless power adapter
  - Input: 100–240V AC, 50/60 Hz
  - Output: 19V DC, 4.74A
- Power Consumption: Maximum 90 watts
- Operating Temperature: 0°C to 50°C
- Processor Cooling: Heat pipe processor cooling with two 60 mm fans on the upper side of the chassis
- Relative Humidity: 10% to 90% non-condensing

**Conformities:** UL, BSMI, FCC, CE, RoHS, C-Tick, CB, ETL

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**Ordering Information**

TS Loop IP

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