

Loop Source IP

Cost Effective, Compact, Super Reliable, MPEG-2, H.264, or H.265 Transport Looping Stream IP Payout Server or Clip Server. Outputs up to 10 Simultaneous IP Streams. (Transport Streams Originate from the On-Board SSD Drive.) Suitable for Both Broadcast and Digital Signage. Ideal “Install and Forget” Device to Install Anywhere as a Multi-Output TS IP Source. Ships with Encoded Color Bars and Video Clip of San Diego. Works well with 4K TS Clips.



Features

- 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 transport streams
- Compatible with HD or SD streams
- Includes 120 GB SSD drive
- SSD drive lets you build, maintain, and use a large local library of Video Clips
- Can play a playlist in sequence
- Supports both SPTS and MPTS
- Supports unicast or multicast
- Field upgradeable content
- Maximum output bit rate: 450 Mbps
- Requires very little power
- Comes with color bars and sample 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 Loop Source IPTM is a transport stream server that is designed to continuously play short or long compressed video clips via IP. It comes with a Windows® 7 operating system. It can accept file transfers via IP as any computer.

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

The Loop Source 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 Loop Source IP. Additional transport streams can be requested at time of purchase.



Digital Video ExtraOrdinaire™

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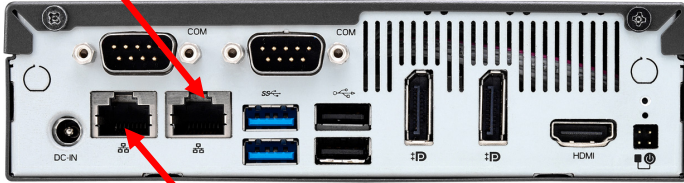
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Front View



Rear View

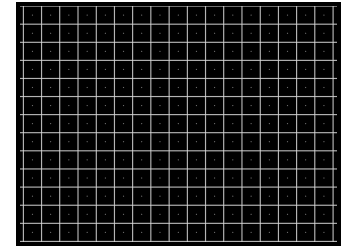
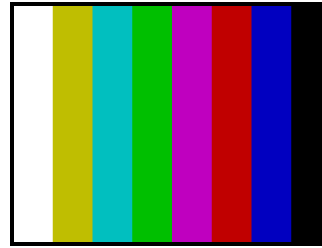
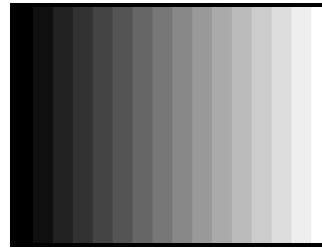
GigE Port 2 (for IP Outputs)



GigE Port 1 (for IP Outputs)

Sample of GUIs – Coming Soon

Color Bars



Specifications

IP 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
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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       

Ordering Information

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