

# Software Transport Stream Gateway

## DMG 7000



### OVERVIEW

The DMG 7000 Transport Stream Gateway utilizes the latest software based platform from Sencore to deliver a highly flexible transport stream processor. Bridge the gap between unmanaged and managed networks with RIST/SRT/ZiXi and MPEG/IP workflows. Enable bulletproof transport stream distribution over the internet using advanced encapsulation methods like RIST, SRT and ZiXi. Being software based, the DMG 7000 can be deployed on COTS hardware in a variety of form factors as standalone software or virtual machine reducing CAPEX and OPEX expenditure and growing as hardware platforms evolve.

### APPLICATIONS

#### Content Distribution over the Internet

Enable low-cost distribution workflows using protocols like RIST/SRT/ZiXi on the open internet. Reduce OPEX and CAPEX of backhaul or backup networks.

#### Bridge Between Managed and Unmanaged Networks

Backhaul over the open internet with advanced encapsulation methods. Receive and transmit protocols such as RIST/SRT/ZiXi and MPEG/IP for broadcast workflows.

### KEY FEATURES

- **Transport Stream Gateway**
  - ✓ SRT protocol with AES encryption
  - ✓ MPEG/IP RTP and UDP as MPTS to SPTS
- **Software deployment on COTS hardware**
  - ✓ 1RU rack mount for dense applications
  - ✓ Small form factor for low density applications

### FUTURE FEATURES (subject to change)

- RIST transmit and receive
- ZiXi transmit and receive
- Multiplexing for MPEG/IP outputs
- FEC Support for input and output streams
- Transcoding and Transrating

### SPECIFICATIONS

#### Input and Output Options

Supported Protocols:	SRT
	RIST (roadmap)
	ZiXi (roadmap)
MPEG over IP I/O*:	RJ-45 up to 1GB
	UDP or RTP
	CBR or Null-stripped TS
	SMPTE 2022/CoP3 FEC (roadmap)
	Unicast & Multicast
	IGMP v1/2/3
	SMPTE 2022-7 (roadmap)

#### GENERAL

Management	RJ-45 Ethernet 10/100/1000
Connector:	HTTP, SNMP, Web API
User Interfaces:	Web-browser
UI Firmware Updates:	Via Web UI

\*Dimensions and input/output options dependent on hardware selection