

Secure Video Stream Integration

Powerful, secure, and cost-effective

The Furnace VF Transmux provides a simple, cost-effective and powerful method for securely integrating third party MPEG transport streams to create, augment, or extend channel lineups. The Transmux can be configured to cultivate streams from a variety of sources including:

- DVB/S or T streams delivered via a DVB to IP gateway.
- 3rd party MPEG transport streams on the same network already in a compatible multicast MPEG format.
- Custom DoD streams.

The Furnace VF Transmux can filter PIDs from the DVB-IP source and multiplex a new MPEG-2 TS or can repackage compatible third party multicast UDP/IP transport streams, then encrypt and add forward error correction (FEC) as directed by the channel configuration in the Furnace Station Editor™. The Transmux generates MPEG-2 transport streams containing either MPEG-1, 2, 4, or H.264 video and MPEG layer II AAC, or AC3 audio.

Content Protection Furnace VF Transmux provides for AES encryption to protect your streams.

Setup Made Easy Furnace VF Transmux arrives preconfigured with your initial network settings and/or PIDs configured. Simply place it in the rack, connect the network cable to the Gigabit switch port, and apply power. The Furnace Transmux is one component of a broader Video Furnace streaming system. Simply launch InStream to view the new streams when properly indexed to the channel lineup.

VF Transmux

Specifications

Features

Processes up to 20 SD streams with PID Filtering
Playback Manager compatible for output stream type and address
AES stream encryption support
Forward Error Correction (FEC) support

Inputs

Supports H.264 Transport Streams
MPEG-TS with MPEG-1, 2 or 4 video with MPEG layer II, AAC, or AC3 audio
Network Interface: Dual 10/100/1000BaseT Ethernet
Keyboard jack
Mouse jack

Outputs

MPEG compliant multicast transport streams with encryption and FEC
VGA Monitor iack

Ordering Information (please obtain complete system quotations from HaiVision or an authorized HaiVision integration partner)

S-VF-TMX **Furnace Transmux System** – Necessary for external video streams (not Live Furnace streams). Each stream licensed “Expansion Stream” line item separately. Up to 20 streams per system. 1U server.