OX-4 Platform
Secure Reliable IP Streaming

FEATURES LIST

- Supports SMPTE 2022, SRT, RIST & Zixi
- Supports ASI or SDI Interface
- Support for terrestrial and Satellite RF Interface
- 4 2.5G Ethernet ports
- ATSC 3.0 STLTP over RIST/SRT
- SNMP Remote Monitoring
- Numerous other Hardware Options Available

PRODUCT DESCRIPTION

The OX-4 Platform is designed to be very robust while still maintaining the compact form factor of the previous OX-1 platform. Combined with DTV Innovations' current modular software, it will serve as a base for multiple new products that DTV Innovations will launch in the near future.

The OX-4 Platform has more than enough built-in capabilities to support advanced IP workflows, support multiple video encoding/decoding or transcoding operation, multiple of hardware options to support baseband video, compressed domain video, and multi-standard terrestrial and satellite RF operation.

SOME OF THE APPLICATIONS

- Secure Video Streaming Over the Internet
- Baseband Video Encode/Decode/ transcode
- PSIP and EPG Generator/Rebrander
- Terrestrial Edge Transcoding
- Secure Video Backhauls for Confidence Monitoring
- MPEG TS or ATSC 3.0 Failover switch(es)
- Integrated Satellite Receiver-Decoder
- ATSC 3.0 Receiver/Translator/Capture,
- ATSC 3.0 Lab Signal Generator

OX-4 Platform
Secure Reliable IP Streaming

General Specifications	
Front panel LED indicators	Power, mode, status, and input
Ethernet Interface Data Port	
Connector	4x Ethernet -IEEE 802.3bz RJ-45
Data rate	100/1000/2500 Mbps auto sensing
IP Protocols	Unicast, Multicast, UDP, RTP, SMPTE 2022-1/-2, SRT, RIST, Zixi
SMPTE-2022 FEC	L 1-20, D 4 -20, LxD 4 - 100
IP Streaming Rate	
Encryption	AES 128-bit & 256-bit (RIST) AES 128-bit, 192-bit & 256-bit (SRT)
Inputs	Input interfaces shall vary based on selected option
Outputs	Output interfaces shall vary based on selected option
Adaptability	**Configurable as a:** • Secure/Reliable Streaming Appliance (Default) • Video Baseband to IP Encoder/Decoder • PSIP and EPG Generator/Rebrander • Terrestrial Edge Transcoder • ATSC 3.0 Receiver/Translator • ATSC 3.0 Capture Device/Lab Signal Generator • Integrated Satellite Receiver-Decoder
Control & Monitoring	
Connector	Ethernet -IEEE 802.3bz RJ-45
Security	Account and password
Presentation	Integrated web server
SNMP	SNMP remote monitoring
Secondary Control Interfaces	
Video	HDMI
Keyboard/Mouse	USB
Physical	
Dimensions	1.75"H x 4.63" W x 9.63" D
Power	12 VDC locking connector
Cooling	Forced air front to rear flow
Warranty	1-yr. standard, Extended Warranty option is available

VISION + INNOVATION