CX-4
Transport Stream Converter
TSoIP to ASI - ASI to TSoIP Gateway

TSoIP	1	ASI	LOCK/LOSS	PS1
TSoIP	2	ASI	LOCK/LOSS	PS2
TSoIP	3	ASI	LOCK/LOSS	RESET
TSoIP	4	ASI	LOCK/LOSS	WS RESET

CX-4

TRANSPORT STREAM CONVERTER/IP GATEWAY

With more and more Transport Streams being pushed through IT networks, there's a growing need to convert between DVB-ASI and TSoIP. The **CX-4** is an ASI to IP Gateway, which is also capable of converting IP to ASI

The **CX-4** contains up to four independent transport stream converters (CX-4-1, CX-4-2, CX-4-3, & CX-4), which convert uni-directionally between Transport Streams over IP and Asynchronous Serial Interface (TSoIP and ASI).

The **CX-4** complies with both the DVB and SMPTE 2022 standards. The TSoIP interface supports Transport Stream encapsulation, Forward Error Correction, and UDP/RTP de-encapsulation as defined by the SMPTE 2022 specification.

Adhering to our products philosophy, the **CX-4** is designed for easy operation. It is controlled via a web server user interface and comes with dual power supplies for reliability.

Applications: IP-based studio to transmitter links, routing TS over internal IP networks and IP-based distribution to MPVD partners

FEATURES LIST

✓ Accepts DVB-ASI & SMPTE 2022 (Transport Stream over IP)

✓ Up to 4 independent Converters in 1 RU chassis

✓ Web Server User Interface for configuration and monitoring.

✓ SNMP remote monitoring

✓ Forward Error Correction (FEC) – SMPTE 2022

✓ Encapsulation – UDP or RTP

✓ Front Panel LED Indicator, Manual Web-Server Reset

✓ Dual Power Supplies for failsafe Operation

✓ Ethernet - IEEE 802.3ab RJ-45 with LEDs 100/1000 Auto Sense

VISION + INNOVATION

INTERFACE SPECIFICATIONS

ASI

- Connector: BNC 75 ohm
- Data Rate to: 270 Mbps +/- 10ppm in, +/-3ppm out
- Logic Levels: 800mV +/-10%
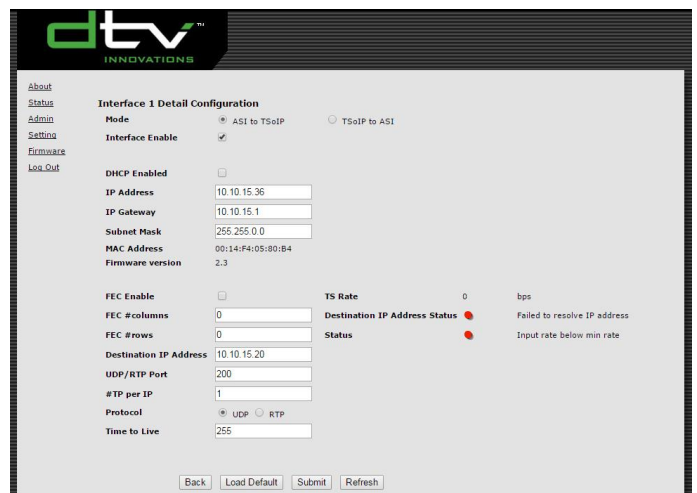- Data Rate: Accuracy: 3ppm

SMPTE 2022

- Transport stream encapsulation UDP or RTP
- Transport stream packet size 188 or 204 bytes
- TS packet / IP packet 1-7
- FEC Size: L : 1-20
- FEC Size: D :4-20
- FEC Size: LxD : 4 -100

Network

- Single 100/1000 Base-TX Ethernet Port (RJ-45)
- Web-Server user interface
- User Interface – IP Configuration
- SNMP remote monitoring

Made In The USA

ELECTRICAL SPECIFICATIONS

- Maximum Power: 25W
- Supply voltage range: 85-264 VAC/47-63HZ
- Power Plug: IEC-C-19
- Cooling Fan Capacity: 6CFM back exhaust

PHYSICAL SPECIFICATIONS

- Height: 1.75 inches (44.45mm) 1RU
- Width: 19 inches (482.6mm)
- Depth: 14 inches (355.6mm)
- Weight: 3.5 Lbs (1.59kg)

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