



CX-1

Transport Stream Converter

ASI-to-TSoIP & TSoIP-to-ASI



Ethernet – IEEE 802.3ab RJ-45 with LED's 10/100/1000 Mbps Auto Sense

DVB-ASI – 75 Ohm BNC Connector

Encapsulation – UDP or RTP

FEC – SMPTE 2022

Tx & Rx bit rates from 0.1 Mbps to 216 Mbps

Configurable via web server interface, field upgradable

Persistent storage of configuration parameters

Ultra compact, reliable, cost effective solution

Comes complete with power supply

The **CX-1** is a compact general purpose bi-directional transport stream converter. The **CX-1** converts between ASI-to-TSoIP and TSoIP-to-ASI.

The **CX-1** complies with both the DVB-ASI 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 standard.

The **CX-1** has administrative management controls to assign user names and passwords to control user accounts.

All configuration and network settings can be saved and recalled with user defined presets as well as a power on default in the event of a power cycle.

The **CX-1** transport stream converter is ideal for routing video throughout a plant or delivering video to a remote transmitter site where IP is the preferred interface. A CX-1 can be reliably used on each end of a wired or wireless IP link to convert from and back to DVB-ASI.

SPECIFICATIONS

ASI

| | |
|---------------|---------------------------------|
| Connector: | BNC 75 Ohm |
| Data Rate: | 270 MHz +/-10ppm In +/-3ppm Out |
| Data Rate: | Accuracy 3ppm |
| Logic Levels: | 800mV +/-10% |
| ASI Burst: | 213Mbps |

TSoIP

| | |
|------------|------------------|
| Connector: | RJ45 |
| Data Rate: | 10/100/1000 Mbps |

Size: 5.48" x 4.77" x 1.22" LWH



Made in the USA

VISION + INNOVATION