



# CXQ-1

## Transport Stream Converter

### Quad ASI-to-TSoIP Converter



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

4 X DVB-ASI – 75 Ohm BNC Connectors

Encapsulation – UDP or RTP

FEC – SMPTE 2022

Tx bit rates from 0.1 Mbps to 216 Mbps

Configurable via web server interface, field upgradable

SNMP remote monitoring

Persistent storage of configuration parameters

Ultra compact, reliable, cost effective solution

Comes complete with power supply

The **CXQ-1** is a compact high-density transport stream converter. The **CXQ-1** converts up to four DVB-ASI streams to TSoIP. The four TSoIP streams are output on a single Ethernet connector.

The **CXQ-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 **CXQ-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 **CXQ-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 CXQ-1 can reliably convert up to four DVB-ASI streams to TSoIP.

### SPECIFICATIONS

#### ASI

Connectors:	4 x BNC 75 Ohm
Data Rate:	270 MHz +/-10ppm In +/-3ppm Out
Data Rate:	Accuracy 3ppm
Logic Levels:	800mV +/-10%
ASI Burst:	213Mbps

#### TSoIP

Connector:	1 x RJ45
Data Rate:	10/100/1000 Mbps



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Tel  
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