ADV-8212 IP to ASI Gateway provides a cost effective and efficient solution for delivering digital TV content over IP networks.

It is a high performance real time high density video gateway that can convert up to 12 MPEG Transport Streams from IP to ASI. Each MPEG Transport Stream can include either MPEG-2 or MPEG-4 (H.264) video content in SD or HD format.

ADV-8212 has been designed to meet the demanding requirements of post-production, Contribution and Distribution applications enabling multiple MPEG transport streams to be transported through Gigabit Ethernet connections over an IP network.

Application

• Contribution and Distribution: interfacing traditional MPEG equipment with IP networks for transport.

• Video Distribution over IP backbones.

• Point-to-point video delivery

Features

- 12 IP inputs (MPTS/SPTS) and 12 ASI outputs (MPTS/SPTS)

- Supports MPEG TS (with MPEG-2 and H.264 video content) IP to ASI conversion

- IP frame structure complies with ITU G.752, ITU-T G.804 standard

- 2 GE ports (TU-TG.703 standard)

- Maximum input/output bit-rate – 800Mbps

- Supports up to 12 MPTS/SPTS over UDP protocol, unicast and multicast

- LCD display

- NMS/SNMP/Web management

Specifications

Interface	Input	Two 1000M network serial input interfaces, RJ45
	Output	12 ASI outputs, each – 2x BNC 75 ohm
Transmitting protocol	Input	TS over UDP，Unicast and Multi-cast
	Output	DVB-ASI
Transmitting bit-rate		Max 108Mbps each channel Max 800Mbps all channels
Miscellaneous	Dimensions (width x length x height)	482mm×410mm×44mm
	Weight	4kg
	Temperature	0～45℃ (operation)，-20～80℃ (storage)
	Power	100~240VAC，50/60Hz
	Consumption	22W