



PDASI-IP

ASI/MUX IP Streamer



Description

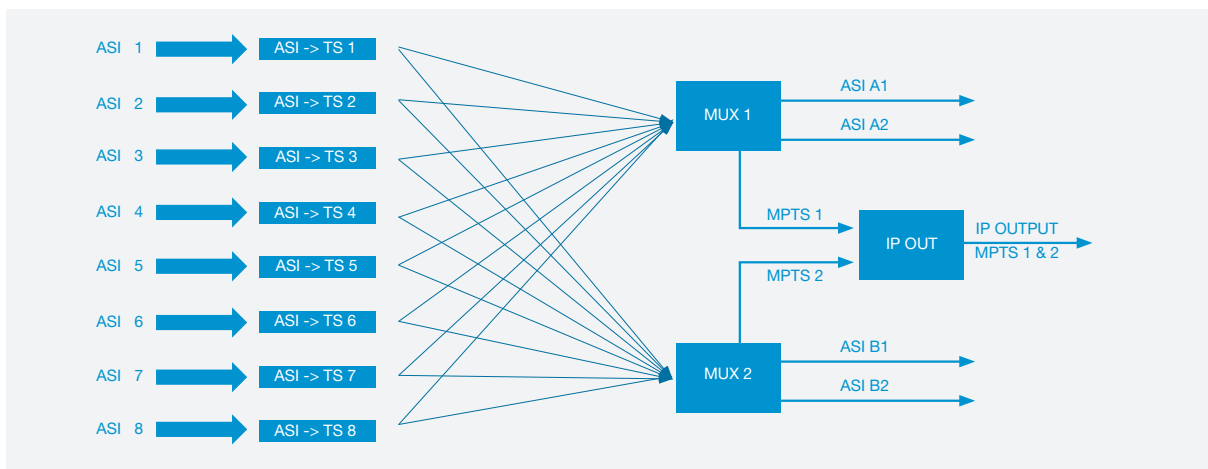
The PDASI-IP is an enhanced TS re-multiplexer with two-channel IP and ASI output for digital TV broadcasting headend systems like CONDOR. The multiplexer combines all the functions of a normal TS multiplexer—including program multiplexing, PSI/SI editing, PID re-mapping, service filtering, null packet removal, etc.—with eight ASI inputs, two separate ASI output ports, and one Gigabit IP output with two separate channels. The bit rate of each output stream can be up to 216 Mbps.

Features

- Eight ASI inputs
- MPEG transport stream re-multiplexing
- Null Packet Removal
- SPTS and MPTS stream multiplexing
- PCR correcting and PID re-mapping
- Two groups of separate TS outputs (each group has two duplicated channels)
- Two IP outputs (the copies of two ASI outputs)
- Two ASI outputs
- PSI/SI editing
- Huge buffer memory to eliminate stream overflows
- Support for multiplexing one program to all outputs
- SNMP alarm traps supported
- Network software upgrade
- High reliability design and stable operation
- Full front panel control
- SNMP control supported
- Fully compliant with ISO13818 and EN300 468 standards



System Diagram



PDASI-IP **ASI/MUX IP Streamer**

Specification

Input Interference

ASI	8 ASI (up to 213 Mbps per channel)
Packet Format	204/188 self-adaption

Re-Multiplex

2 x MPEG TS re-multiplex
PID re-mapping (auto/manual optional)
PCR re-stamping
Automatic generating PSI/SI table
Stream grooming
Null packet removal

Output Port

ASI	2 x independent channels of ASI output (each channel has two ports) (up to 213 Mbps)
Ethernet	RJ-45, GbE, 2 x IP UDP streams (unicast or multicast), UDP protocol (up to 230 Mbps)

PID

Output Range	0000 to 1FFF
PID Transparent	Any PID transparent and mapping achievable
Output PID per Input	256

Management Port

Ethernet	RJ-45, 10/100, Full Duplex, AutoNeg
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General

Dimensions	19" (L) x 16" (D) x 1.75" (H)
Weight	13 lbs
Operating Temperature	0 °C to 45 °C
Power Supply	AC 110 V ± 10 %, 50 Hz / 60 Hz AC 220 V ± 10 %, 50 Hz / 60 Hz
Consumption	18 Watts

Ordering Information

PDASI-IP ASI / Mux IP Streamer