

# PDMUX

## 2 Channel Mux IP Streamer

### Description

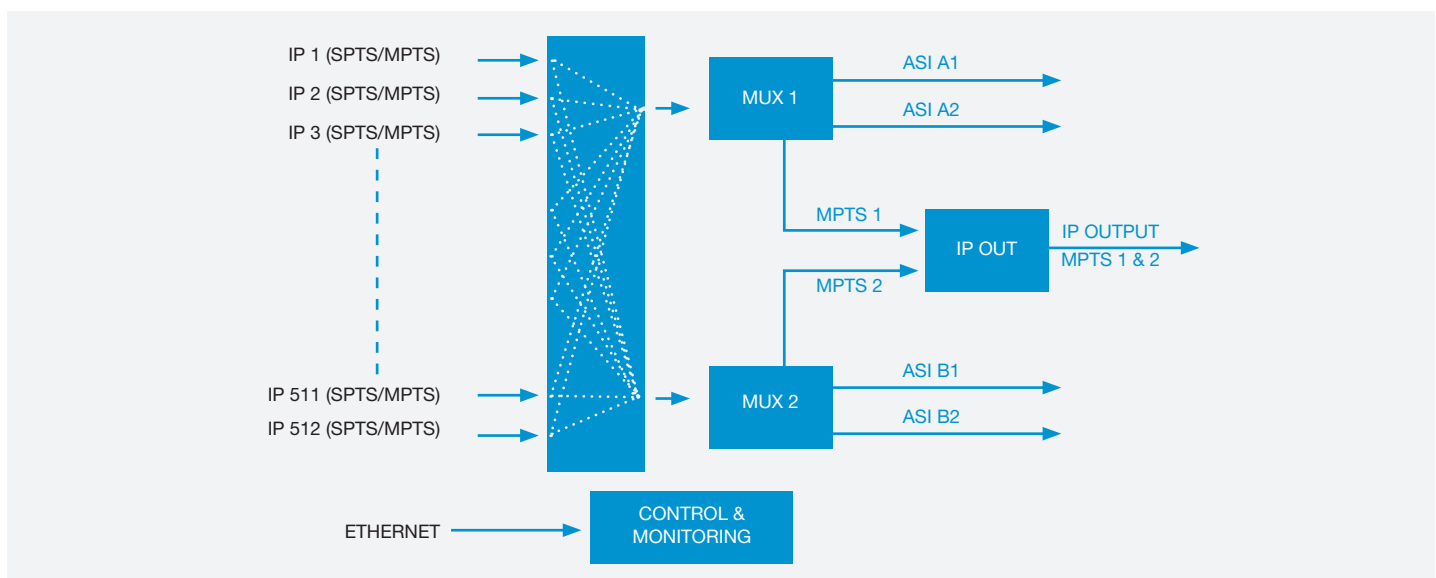
The PDMUX multiplexer is a professional TS processor used in digital TV broadcasting headend systems like CONDOR. It receives up to 512 IP (SPTS/MPTS) channels and multiplexes the input programs into two TS stream outputs. For easy management, the PDMUX can be controlled and upgraded via a Web server in addition to the front panel keyboard. Its high integration and cost effective design have made it widely used in CATV broadcasting systems.

### Features

- 512 IP (SPTS/MPTS) inputs over UDP
- Two independent groups of ASI outputs (each group has two ports)
- Two IP outputs over UDP
- PCR re-stamping
- Supports PID passthrough, re-mapping, and multiplexes up to 2048 PIDs per out channel
- Supports PSI/SI re-building and editing
- Greater than two Mbyte input buffer
- Full front panel control
- SNMP control supported
- Fully compliant with ISO13818 and EN300 468 standards



### System Diagram



## Specification

### Input

Ethernet	512 x MPTS/SPTS, unicast/multicast, UDP protocol IGMP V2/V3
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### Re-Multiplex

PID re-mapping (auto or manually available)
PCR accurate adjusting
Automatic generating PSI/SI table
PID passthrough
Support multiplex maximum of 2018 PIDs for each output channel
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)

### Management Port

Ethernet	RJ-45, GbE, Full Duplex, AutoNeg
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### General

Dimensions	19" (L) x 16" (D) x 1.75" (H)
Weight	4.4 lbs.
Operating Temperature	0 °C to 45 °C
Power Supply	110 VAC ± 10%, 50 Hz / 60 Hz 220 VAC ± 10%, 50 Hz / 60 Hz
Consumption	< 25 Watts

## Ordering Information

<b>PDMUX</b>	2 Channel Mux IP Streamer
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