

# SMP350

## IP/ASI Gateway



## Introduction

SMP350 is a professional ASI/IP Gateway that can support real-time ASI/IP mutual conversion. It supports inputting DVB-ASI (up to 10 TS streams) and converting to IP format (up to 12 streams). Conversely, it supports inputting up to 12 IP streams and converting to DVB-ASI (up to 10 TS streams) with minimum loss in video quality.

## Features

- ▶ Up to 10 DVB-ASI converting to IP stream (up to 12 streams), or up to 12 IP streams converting to DVB-ASI (up to 10 streams)
- ▶ ASI/IP mutual conversion with minimum loss in video quality
- ▶ Supports 10 ASI inputs or outputs
- ▶ Independent embedded IP I/O
- ▶ Re-multiplexing and cherry picking
- ▶ Configuration and monitoring programs via NMS, Web GUI or SNMP
- ▶ High efficiency with low power consumption in 1 RU compact chassis



ASI,IP  
mutual conversion



Stream multiplexing  
and FEC



High density:  
10 streams in 1RU chassis



Web-based client and SNMP

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## IP/ASI Gateway

### Specifications

Chassis	
Capacity	4Gbps (approx. 800 TS/1000 programs)
Slot Number	3 slots
Interface	10 x ASI Inputs/outputs (BNC, Female, 75Ω ports)
	1 x GbE TS/IP (RJ45)
	1 x management (RJ45)
Max. Bit-rate	1 MPTS/SPTS at max. 100Mbps per port
Packet Type	188/204 Bytes Inputs, 188 Bytes Outputs
Input Mode	Spread and burst
Output Mode	Spread
IP (on-chassis)	
Protocol	TS over UDP/RTP, unicast/multicast
MPEG TS	MPTS and SPTS
Channel	64 streams input and 32 streams output
Max. Bit-rate	Max. 780Mbps (effective 650Mbps)
De-jittering	PCR
Management	IGMP V1, IGMP V2, IGMP V3
FEC	ProMPEG, input and output
Multiplexing	
Routing	Any input to any output
Table Supported	SI/PSI/PSIP
PID Processing	Pass-through, remapping, filtering

Management	
Hardware Interface	1 x RJ45 (100Mbps)
User Interface	LED indicators
	LCD screen
	Front panel control
	Web UI
	SNMP (monitoring only)
Physical & Environment	
Input Voltage	90~260 VAC
Dual Power Supply	Optional
Power Consumption	Max. 60W
Chassis Dimension	480mm x 44mm x 440mm (WxHxD), 1RU
Operating Temperature	0 C ~50 C
Storage Temperature	-10 C ~70 C
Operating Humidity	<95%
MTBF	≥100,000 hours

### Order Information

Model	Modules Combination	Feature
SASIIP	2 x ASI	10 x ASI/IP mutual conversion