SMP350
ASI/IP Gateway

Introduction

SMP350 is a professional ASI/IP Gateway that can support real-time ASI/IP mutual conversion. It supports inputting DVB-ASI and converting to IP format. Conversely, it supports inputting up to 12 IP streams and covering to DVB-ASI 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.

Order Information

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

Specifications

ASI/IP Mutual Conversion	
IP	
Interface:	1 x 1000 Mbps per port
IP Encapsulation:	MPEG TS over UDP/RTP
MPEG TS:	MPTS and SPTS
I/O Processing:	Up to 12 Streams, max at 72 Mbps per Streams
Addressing:	Unicast and Multicast
Management:	IGMPv2, IGMPv3
Forward Error Correction:	ProMPEG
ASI	
Interface:	12 BNC connectors (inputs or outputs), 75Ω
MPEG Format:	188/204 Bytes
I/O Processing:	1 MPTS/SPTS per port, up to 120 Mbps per port

Re-multiplexing	
PID:	Re-mapping and Filtering
MPTS Output Synchronization	
Routing:	Any Input to Any Output

Management	
Interface:	100Base-TX, RJ45
NMS:	Wellav Digital Service Manager
Support SNMP:	

Physical & Environment	
Input Voltage:	90 - 260 VAC
Power Consumption:	Approx 125 W
Rack Space:	1 RU
Dimension (WxHxD):	480mm x 44mm x 440mm
Operating Temperature:	0°C to 50°C
Storage Temperature:	-40°C to 65°C
Relative Operating Humidity:	<95%
MTBF:	≥150000 hours

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