SOFTEL

SFT3514
Multiplexer Scrambler

Product Overview

SFT3514 Multiplexer Scrambler is SOFTEL's latest multiplexing scrambling device. It has 4 bi-direction ASI and 3 bi-direction IP ports supporting up to 4 ASI and 128 IP input, after scrambling, it outputs 4 MPTS and max 4 ASI.

It has the functions of supporting auto-generation of PSI/SI information, PID re-mapping, service filtering and PCR adjusting. In conclusion, its high integration and cost effective design make this device widely used in the CATV Broadcasting system.

Key Features

- **ASI in/out: max 4 ASI input/output thru 4 bi-direction ASI ports (ASI direction can be defined as input or output manually)**
- **IP in/out: 128 IP input, 4 IP (MPTS) output thru 3 bi-direction Data ports**
- **Support scramble with up to 4 simulcrypt CAs**
- **Up to 512 PIDs remapping per output channel**

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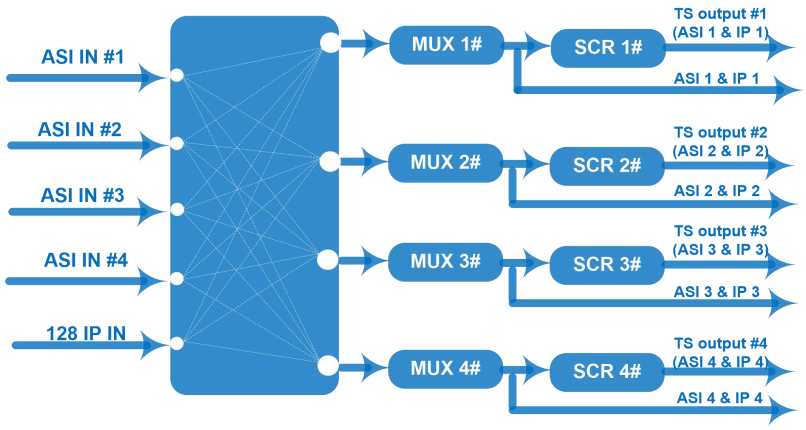
- **Support accurate PCR adjusting, PID filtering, re-mapping and PSI/SI rebuilding and editing**
- **Huge buffer memory for saving the overflowing code stream**
- **Alarming function**
- **Web-based NMS management**

Inner Principle Chart



ASI direction can be defined as input or output

Specifications

Input / Output	4 bi-direction ASI ports: max 4 ASI input/output, BNC 75Ω 3 bi-direction Data ports (RJ45): 128 IP input over UDP/RTP 4 IP (MPTS) output over UDP/RTP/RTSP 100/1000Mbps self-adaption	
	Input Packet format: 204/188 self-adaption	
	ASI: Max output bit-rate: 200Mbps (Each channel)	
Mux	Max PIDs	512 per channel
	Functions	PID re-mapping
		PCR accurate adjusting
		Automatic generating PSI/SI table
	PID transparent	Any PID transparent and mapping achievable
Scrambling Parameters	Max simulcrypt CA	4
	Scramble Standard	ETR289, ETSI 101 197, ETSI 103 197
	Scramble Channel	1
	Connection	Local/remote connection
System	Web-based management	
	Language: English and Chinese	
	Ethernet software upgrade	
General	Dimensions	482mm×300mm×44mm (WxLxH)
	Weight	3.5kg
	Temperature	0~45℃(operation), -20~80℃(storage)
	Power supply	AC 110V±10%, 50/60Hz Or AC 220V±10%, 50/60Hz
	Consumption	≤40W