

# SOFTTEL



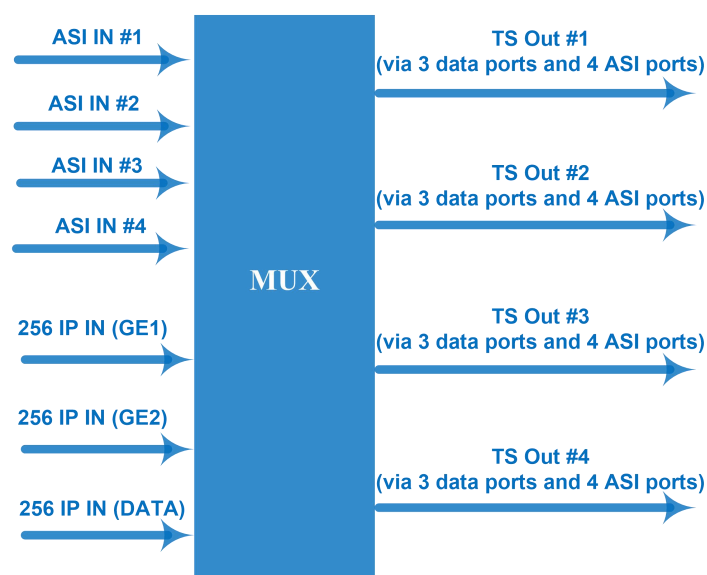
## Product Overview

SFT3504 IP Multiplexer is a SOFTTEL's latest multiplexing model for digital TV broadcasting head-end system with TS output through 4 bi-direction ASI and 3 bi-direction data ports. It can multiplex up to 4 ASI and 768 IP inputs to 4 MPTS, and the amount of ASI output is based on ASI input (ASI port can be used as input or output). SFT3504 IP multiplexer has the functions of 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 input: 768 IP inputs over UDP/RTP in total (256 IP inputs thru GE1, GE2 and DATA port respectively)**
- **IP output: 4 IP (MPTS) out over UDP/RTP thru GE1, GE2 and DATA port**
- **Support bypass output**
- **Support accurate PCR adjusting, PID filtering, re-mapping and PSI/SI rebuilding and editing**
- **Huge buffer memory for saving the overflowing code stream**
- **Web-based NMS management**

## Inner Principle Chart



ASI direction can be defined as input or output manually

## Specifications

<b>Input / Output</b>	4 bi-direction ASI ports: max 4 ASI input/output, BNC 75Ω		
	3 bi-direction Data ports (RJ45)		
	768 IP inputs over UDP/RTP (256 IP inputs thru GE1, GE2 and DATA port respectively)		
	4 MPTS outputs over UDP/RTP thru GE1, GE2 and DATA port		
	100/1000Mbps self-adaption for all data ports		
	Packet format	204/188 self-adaption for input, 204/188 is settable for output	
	Output TS Mode	bytes/packets	
<b>Re-multiplex</b>	Max PID numbers	748 PID numbers for GE1	
		748 PID numbers for GE 2	
		748 PID numbers for DATA port and 4 ASI ports together	
	Functions	PID re-mapping	
PCR accurate adjusting			
Automatic generating PSI/SI table			
PID transparent	PID transparent and mapping achievable		
<b>System</b>	Web management:10/100M NMS port		
	Language: English and Chinese		
	Ethernet software upgrade		
<b>General</b>	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	