

## 3107C Multiplexer SPEC



### Outline

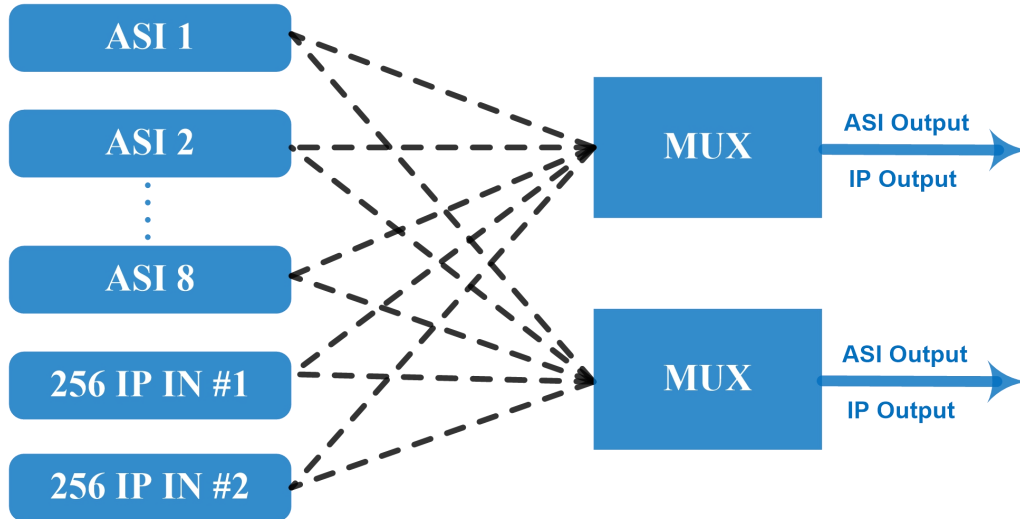
SFT3107C multiplexer is an enhanced TS re-multiplexer for digital TV broadcasting head-end system. It can multiplex up to 8 ASI and 512 IP input and output TS through 2 groups of separate ASI output port and two GE port for two separate IP outputs. The multiplexer has all the functions of normal TS multiplexer, including programs multiplexing, PID re-mapping etc. Also the multiplexer can insert EPG (Electronic Program Guide), and data casting information into each output stream. In conclusion, its high integration and cost effective design make this device widely used in the CATV Broadcasting system.

### Features

- Fully complying with ISO13818 and EN300 468 standard
- Support 8 ASI input for re-multiplexing
- Support 512 IP input through DATA 1 and DATA 2 over UDP protocol
- Support accurate PCR adjusting/ PID re-mapping/PSI/SI rebuilding and editing
- Two groups (each group has 2 channels)separate ASI outputs
- IP (2 MPTS) over UDP, RTP/RTSP output as mirror of ASI output (RJ45), GE Port, DATA 1 and DATA 2

- Huge buffer memory for saving the overflowing code stream
- Support to multiplex one program to all outputs
- LCD/keyboard and Web-based NMS management

## Principle Chart



## Specifications

<b>Input</b>	8 ASI input+512 IP input DATA 1 and DATA 2 over UDP protocol	
<b>Re-multiplex</b>	PID re-mapping	
	PCR accurate adjusting	
	PSI/SI (PAT, PMT) tables auto generation and edition	
<b>Output port</b>	ASI	2 groups separate outputs (each group has 2 channels)
	IP	MPTS over UDP, RTP/RTSP output (RJ45), 1000Mbps Ethernet, DATA 1 and DATA 2
<b>PID</b>	Output range	0x0000—0x1FFF
	PID transparent	Any PID transparent and mapping achievable
	Amount of output PID	180
<b>NMS port</b>	Ethernet port	10/100M/1000M self adaption
<b>General</b>	Dimensions	482mm×300mm×44mm (W×L×H)
	Weight	3.5kg
	Temperature	0~45℃(operation), -20~80℃(storage)
	Power supply	AC 110V±10%, 50/60Hz Or AC 220V±10%, 50/60Hz