
TSM-B Digital TS Multiplexer



Outline

TSM-B digital TS multiplexer is a professional broadcast-level head end equipment. It processes the multiple TS input based on group-exchange technology. It supports SPTS and MPTS input simultaneously. TSM-B supports 8 ASI inputs and double identical ASI outputs, multiplexing by PID or program. 19"/1RU standard design is applied in system project. It also supports Jiuzhou NMS (local network management)

Feature

- GB/T 17975.1-2000(ISO/IEC 13818-1:1996) and GY/Z 174-2001(ETSI EN 300 468) standard, cascading connection available .
- 8 ASI inputs, compatible with 188/204 format, max input code rate 270Mbps, max effective code rate 216Mbps, anti-burst stream mode; double identical ASI outputs, output code rate 0~108Mbps continuous adjustable , stepping 1Mbps.
- Multiplexing by PID or program , no limit for program numbers
- POD filter and re-mapping , no limit for PID multiplexing
- Flexible PSI/SI loading, processing and regenerating. Automatically re-generate all PSI/SI. User can edit information in PSI/SI
- Transparent channel setting available for PSI/SI input and user's private data
- High accuracy PCR correction , no limit for PCR correction programs PCR jitter $\leq 50\text{ns}$.
- Jiuzhou NMS (local network management)。
- Massive integrated circuit design ,high reliability ,stability ,performance and low

power consumption

Application

Various digital head end system

Index

Input	DVB-ASI × 8 , 75Ω BNC
Multiplexing	PID filter and re-mapping , Transparent channel setting available PSI/SI PSI/SI loading, processing and regenerating, editable High accuracy PCR correction Multiplexing by PID or program
Output	DVB-ASI × 2 , 75Ω BNC
Ethernet	10/100M Ethernet+TCP/IP, RJ-45
Others	Dimension : 44mm × 482mm × 360mm Environment : 0~45℃ (work) / - 20~80℃ (storage) Power supply: 220VAC ± 10%, 50Hz, 25W