

MU05 ISDB-T Multiplexer



Outline :

MU05 ISDB_T multiplexer is a TS re-multiplexer developed to adapt Japan and those South American countries such as Brazil and Argentina. It supports 2 separate multiplexers which are fully complying with ISDB-T standard. This multiplexer can transfer the head-end single program and multi-program to ISDB-T standard TS as required. Additionally, it also supports PSI/SI table editing and generating, single frequency network and IIP packet editing and inserting. What's more, the MU05 ISDB-T multiplexer can support up to 6channels input and 2 channels output, the transmission mode is compatible with hierarchy. User can upgrade and control the multiplexer system online through network.



Features:

- SPTS and MPTS code stream multiplexing
- PSI/SI information editing and generating; descriptor data inserting
- PCR correction and PID re-mapping function
- NMS supporting, keypad parameter setting
- Network long-distance upgrading function
- Two groups separate output
- Huge buffer, suddenly code stream resistance
- 188/204Byte transmission stream packet
- Fully complying with ISDB_T and ISDB_TB standard
- Supporting hierarchy transmission
- Supporting each kind of table's user-define in its transmission layer
- External 1PPS and 10MHz inputting; supports SFN
- Separately set the parameters such as time delay for each device when it works as SFM mode
- Section receiving
- Number of segments, encoding code rate, modulation mode, time domain interlacing length for each layer and be set separately

- IIP packet editing and inserting



Specifications:

Signal inputting	12 groups inputting (max value: 214Mbps/group)
	188/204Byte transmission stream packet
	TS packet mode and suddenly code rate mode
	GPS 10mhz reference clock inputting
	GPS 1pps signal inputting
Re-multiplexing	TS re-multiplexer
	256 PID mapping for each group (manual, auto optional)
	PCR correction
	PSI/SI table automatically generating
Modulation parameter	mode: mode1(2k) model2(4k) model3(8k)
	Guard interval: 1/4 1/8 1/16 1/32
	Coding rate: 1/4 2/3 3/4 5/6 7/8
	constellation: DQPSK QPSK 16QAM 64QAM
	Layer: A A+B A+B+C
	Bandwidth: 6MHz 7MHz 8MHz
SFN parameter	Maximum time delay: 0ms ~ 1000ms
	Off set: -1000ms ~ +1000ms
	Device ID : 0 ~ 30

Output	2 groups separate output
	RS encoding output supporting
	1pps signal loop-out
General	Demission: 44mmx482mmx410
	Temperature: 0~45°C(operation) -20~80°C (storage)
	Power supply: 220VAC±10%, 50Hz, 10W