FIBER OPTIC PRODUCT
ONUS
ONUS PLUS INTERTRADE CO., LTD.

บริษัท โอนัส พลัซ อินเตอร์เทรด จำกัด
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NDS3107 T2 Tuner Input Multiplexer

NDS3107 tuner input multiplexer is an enhanced TS re-multiplexer for digital TV broadcasting head-end system. The multiplexer has all the functions of normal TS multiplexer, including programs multiplexing, PSI/SI editing, PID re-mapping, service filtering etc. Also the multiplexer can insert EPG (Electronic Program Guide), CA (Conditional Access) and data casting information into each output stream. Different from normal multiplexer, this multiplexer has 2 ASI inputs, supports 6 tuner inputs (DVB-C/S/S2/T/ISDB-T) optional, two separate ASI output ports and one DATA port for two separate gigabit IP outputs. In other words, It can multiplex the RF signals from satellite into the output ports via the 6 tuners, also it can multiplex up to 2 channels ASI input MPTS into the output transport stream (MPTS). Therein, the bit rate of output stream can be up to 216Mbps. For the application area, this device is especially applicable to the FTA (Free to Air) system multiplexing.

Features

- Fully complying with ISO13818 and EN300 468 standard
- Integrated demodulating and multiplexing functions
- 6 tuner (DVB-C/S/S2/T/ISDB-T optional) inputs and 2 ASI inputs
- MPEG-2 transport stream re-multiplexing
- SPTS and MPTS code stream multiplexing
- PCR correcting and PID re-mapping
- Two groups (each group has 2 channels)separate TS outputs
- Two IP outputs (the copies of 2 ASI outputs)
- PSI/SI editing
- Huge buffer memory for saving the overflowing code stream
- Supporting to multiplex one program to all outputs
- Alarming function
- Network long-distance upgraded
- With high reliability design and stability operation
- Full keyboard operation and LCD display
- Network management system

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Specifications

Input interface	Tuner	6 tuners (DVB-C/S/S2/T/ISDB-T optional)
	ASI	2 channels (Up to 214Mbps per channel)
Re-multiplex		MPEG-2 TS re-multiplex
		PID re-mapping (auto/manual optional)
		PCR correction
		Automatic generating PSI/SI table
Input	Packet format	204/188 self-adaption
Output port	ASI	2 groups separate outputs (each group has 2 channels)
	IP	2 channels separate IP output (share one1000M Ethernet port)
PID	Output range	0000—1FFF
	PID transparent	Any PID transparent and mapping achievable
	Amount of output PID per input	256
NMS port	Ethernet port	10/100M
General	Demission (W x L x H)	482mm×410mm×44mm
	Weight	6kg
	Temperature	0~45℃(operation) , -20~80℃(storage)
	Power supply	AC 110V±10% , 50/60Hz Or AC 220V±10% , 50/60Hz
	Consumption	18W

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