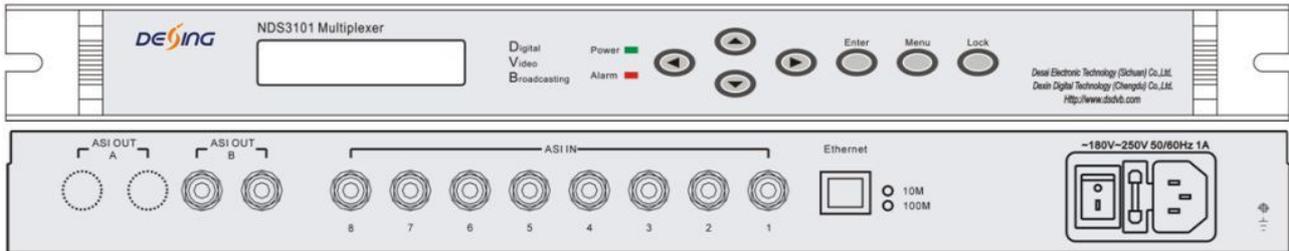


Multiplexer Series

NDS3101 single output multiplexer



Outline

NDS3101 single output multiplexer is an enhanced TS multiplexer for digital TV broadcasting head-end system. It can multiplex up to 8 channels ASI input MPTS into one output transport stream (MPTS). The multiplexer also can insert EPG (electronic program guide), CA (conditional access), data broadcasting into output TS. This multiplexer has the functions of supporting auto-generation of PSI/SI information, PID re-mapping, service filtering and PSI/SI editing. The bit rate of input stream can reach up to 216Mbps, while the bit rate of output stream can reach 108Mbps. Furthermore, the NDS3101 multiplexer is provided with half size LCD display and a 100M/10M Ethernet port for network management. Therefore, user can easily configure the settings of the device.

Features

- ✧ Fully complying with ISO13818 and EN300468
- ✧ Support 1channel TS re-multiplexing
- ✧ 8 ASI input ports
- ✧ 1 multiplexing ASI output, maximum code rate up to 108Mbps
- ✧ Support accurate PCR adjusting
- ✧ Support PSI/SI rebuilding and editing
- ✧ extracting PSI/SI information from any route of SPTS/MTPS inputs
- ✧ Supporting the cascading connection between multiple equipments.
- ✧ LCD/keyboard and network management(NMS)

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Specifications

Input Interface	ASI	8 ASI input ports
Re-multiplexing	1 channel TS stream re-multiplexing	
	PID Remapping	
	PCR accurate adjusting	
	Automatically Generating PSI/SI Table	
Output Interface	ASI	One multiplexing output ports (1X2 ASI out, one as mirror)
NMS port	Ethernet port	10/100Mbps
Miscellaneous	Dimension	44mm×482mm×360mm
	Environment	0~45℃ (Operation); -20~80 (Storage)
	Power	110VAC±10%, 50/60Hz 220VAC±10%, 50/60Hz
	Consumption	25W