

Multiplexer Series

NDS3101A Multiplexer



Outline

NDS3101A is an enhanced TS multiplexer for digital TV broadcasting head-end system with TS output through ASI and IP port. It can multiplex up to 9 channels ASI input to one MPTS and 8 SPTS. 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. Furthermore, the NDS3101A multiplexer is provided with LCD display and network management. Therefore, user can easily configure the settings of the device.

Features

- ✧ Fully complying with ISO13818 and EN300468
- ✧ MPEG-2 TS re-multiplexing support
- ✧ 9 ASI input ports
- ✧ ASI and IP output,



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- ✧ PCR correction automatically support
- ✧ Program sorting support
- ✧ SDT table reflection support
- ✧ Generating PSI/SI information
- ✧ Supporting PCR correction and PID re-reflection
- ✧ extracting PSI/SI information from any route of SPTS/MTPS inputs
- ✧ Supporting the cascading connection between multiple equipments.
- ✧ Local and Remote network management support

Specifications

Input Interface	ASI	9 ASI input ports (Maximum 216Mbps/Route)
Re-multiplexing		MPEG-2 input TS stream re-multiplexing
		PID Remapping
		PCR Correction
		Automatically Generating PSI/SI Table
Output Interface	ASI	1X2 ASI out, one as mirror Maximum code rate up to 150Mbps
	IP	100M output MPTS & 8 SPTS output over UDP, PTP/RTSP Unicast & Multicast
Miscellaneous	Dimension	44mm×482mm×360mm
	Environment	0~45℃ (Operation); -20~80 (Storage)
	Power	220VAC±10%, 50Hz, 25W
	NMS	10/100Mbps NMS Ethernet Port