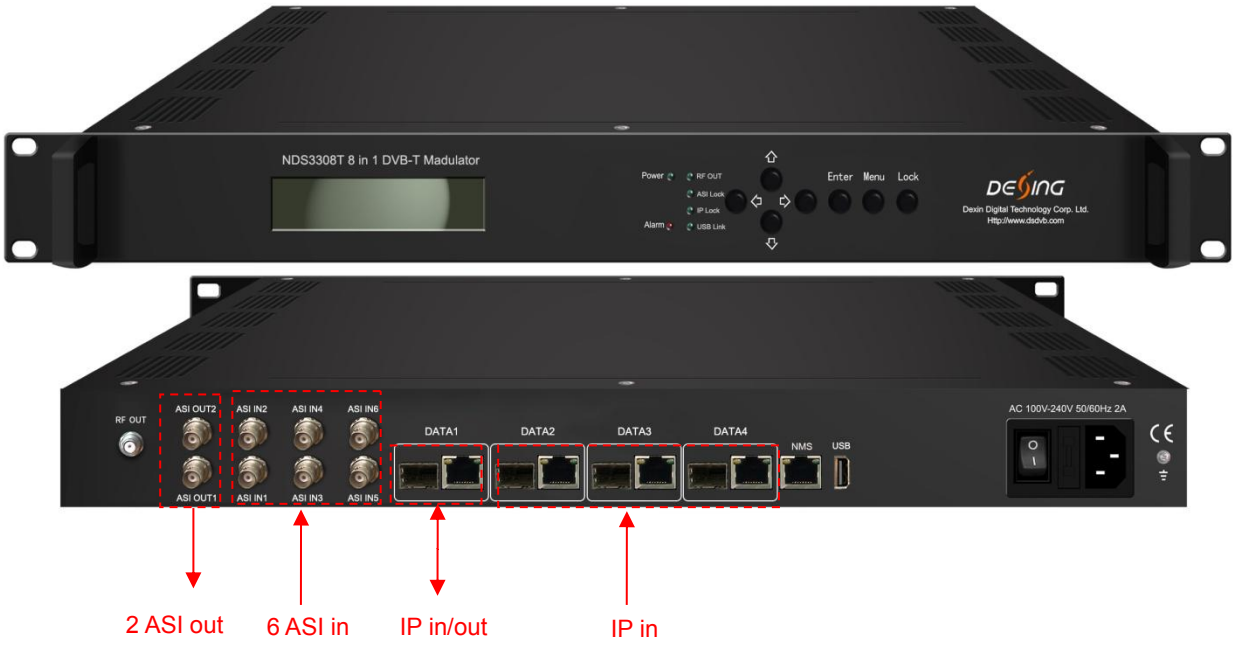
NDS3308T V2

8 in 1/16 in 1 DVB-T Modulator



Product Overview

NDS3308T (V2) 8in1 (or 16in1) DVB-T modulator is an all-in-one device developed by DEXIN. It supports maximum 512(or 1024) IP input through the 4 GE/SFP port and also 8 ASI input. After multiplexing 8(or 16) and DVB-T modulating, it gives 8(or 16) non-adjacent carriers (50MHz~960MHz), 2 ASI output and 8 or 16 IP (MPTS) output as mirror of carriers. The device is characterized with high integrated level, high performance and low cost. This is very adaptable to newly generation DTV broadcasting system.

Key Features

- **4 GE/SFP ports (max 512/1024 IP in):**

Add:No.10&No.12,Wuxing Fourth Road,Wuhou District,Chengdu 610045,Sichuan,PR China
www.dsdvb.com/English Tel:+86-028-85558928 Fax:+86-028-85585255 Email:sunyu@dsdvb.com

Data1 is bi-directional port, max 512 IP in, 8 IP out(for 8 DVB-T out verison)

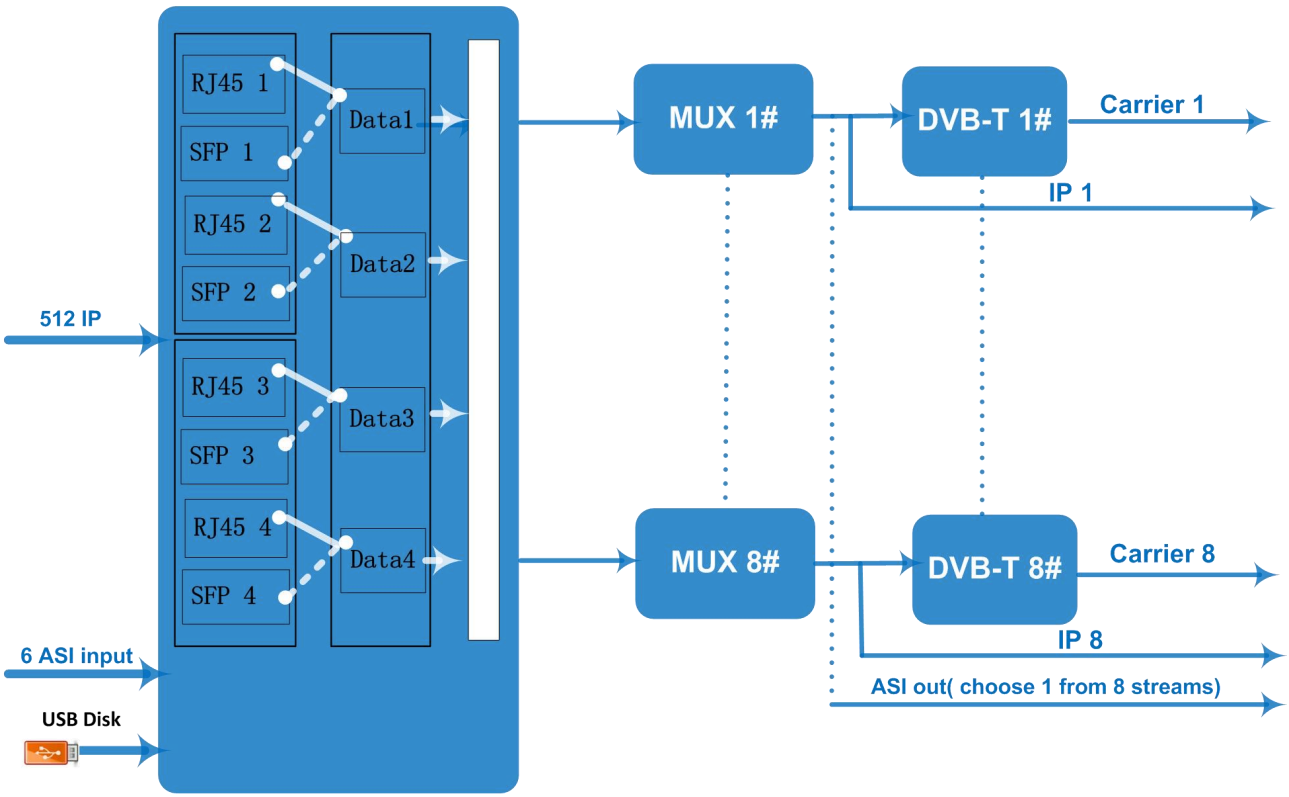
Data1 is bi-directional ports, max 1024 IP in, 16 IP out(for 16 DVB-T out verison)

Data2&3&4 ports only for input

- Supports accurate PCR adjusting
- Max 840Mbps for each input
- Supports PID remapping and PSI/SI editing
- Supports up to 256 PIDs remapping per channel
- Supports 6 ASI input and 2 ASI output
- Support 8 (or 16) multiplexed TS over UDP/RTP/RTSP output
- 8(or 16) DVB-T non-adjacent carriers output, compliant to ETSI EN300 744 standard
- Supports RS(204,188) encoding
- Support Web-based Network management

Inner Principle Chart

For 8 carriers out:



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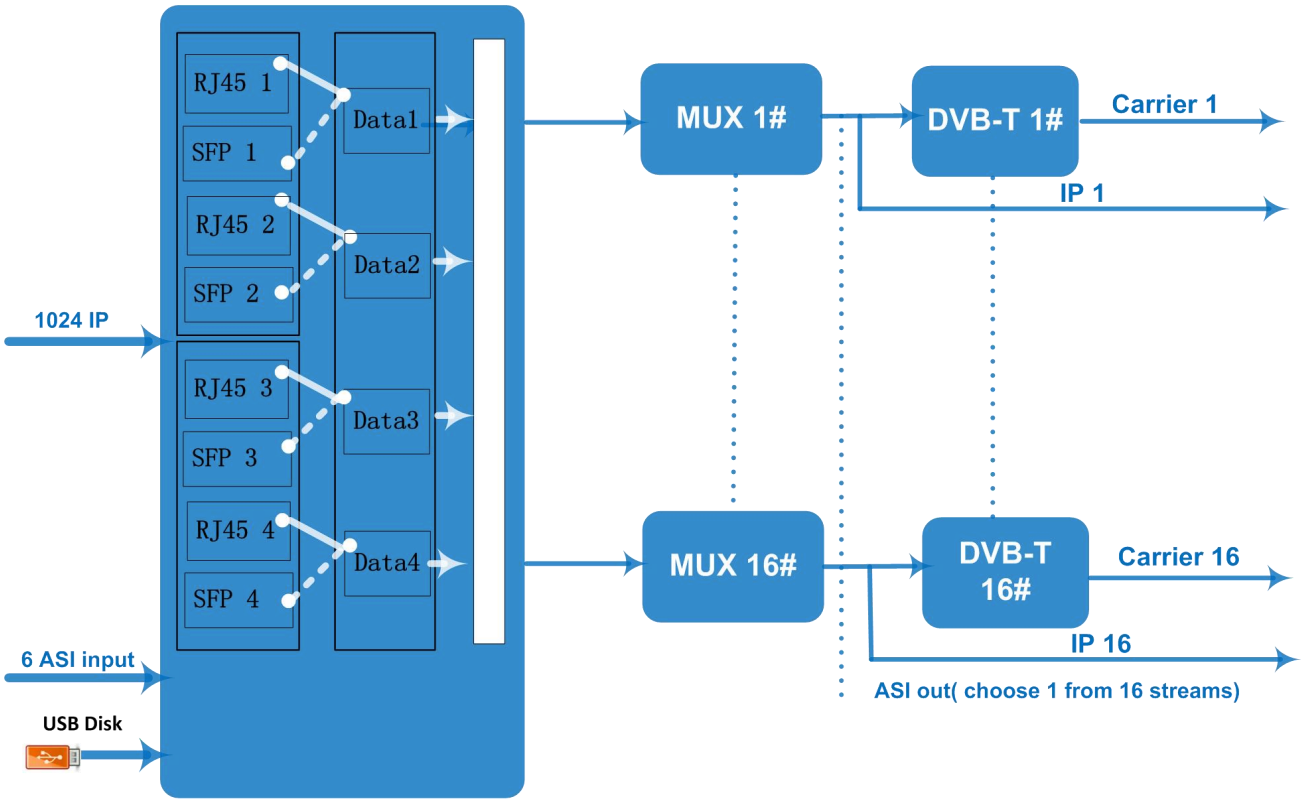
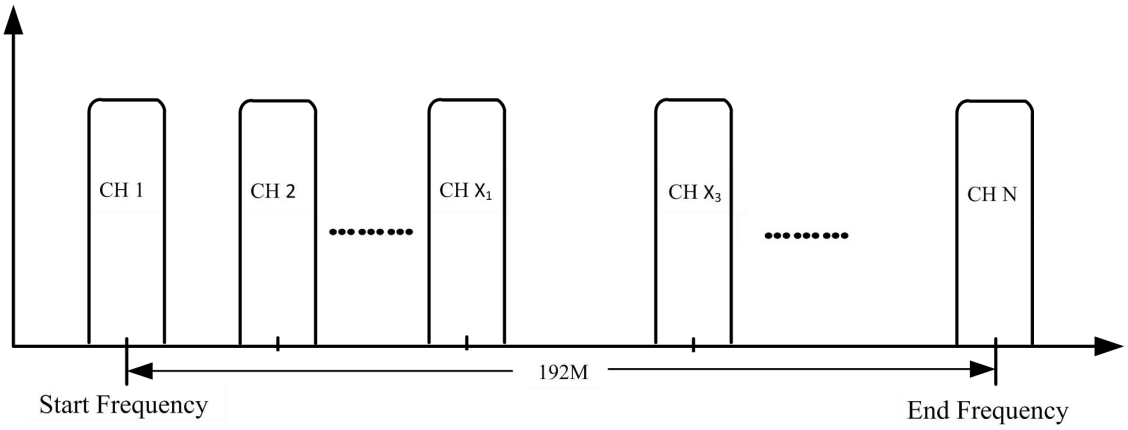
For 16 carriers out:



Carrier Setting Illustration:



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Specifications

Input	Input	8 DVB-T carriers: Max 512 IP input through Date1-Date4 100/1000M Ethernet Port (or SFP interface optional). Each Data port can input max 512 IP. 16 DVB-T carriers: Max 1024 IP input through Date1-Date4 100/1000M Ethernet Port (or SFP interface optional). Each Data port can input max 1024 IP.
		6 ASI input, BNC interface
	Transport Protocol	TS over UDP/RTP, unicast and multicast, IGMP V2/V3
	Transmission Rate	Max 840Mbps for each input channel
Mux	Input Channel	512(or 1024)
	Output Channel	8 (or 16)
	Max PIDs	256 per channel
	Functions	PID remapping(auto/manually optional)
		PCR accurate adjusting
		PSI/SI table automatically generating
Modulation Parameters	Channel	8(or 16)
	Modulation Standard	ETSI EN300 744
	Constellation	QPSK/16QAM/64QAM
	Bandwidth	6/7/8 MHz
	Trans mode	2K/4K/8K
	FEC	1/2,2/3,3/4,5/6,7/8
RF Output	Interface	F typed output port for8(or 16) non-adjacent carriers
	RF Range	50~960MHz, 1kHz stepping
	Output Level	-20~+10dbm(for all carriers), 0.5db stepping
	MER	≥ 40dB
	ACL	-55 dBc
TS output	8 (or 16) IP output over UDP/RTP/RTSP, unicast/multicast, Data1 100/1000M Ethernet Ports	
	2 ASI output, one as mirror	
System	Web-based Network management	
General	Demission	420mm×440mm×44.5mm (WxLxH)
	Temperature	0~45℃(operation), -20~80℃(storage)
	Power Supply	AC100V±10%, 50/60Hz or AC 220V±10%,50/60Hz

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