NDS3308T

8 in 1 DVB-T Modulator

IP in

IP in/out

IP in/out

Product Overview

NDS3308T 8 in 1 DVB-T modulator is an all-in-one device developed by DEXIN. It has 8 multiplexing channels and 8 DVB-T modulating channels, and supports maximum 256 IP input through the GE port and 8 non-adjacent carriers (50MHz~960MHz) output through the RF output interface. The device is also characterized with high integrated level, high performance and low cost. This is very adaptable to newly generation DTV broadcasting system.

Key Features

● **3 GE ports (max 256 IP in):**

Data1 & Data2 bi-directional ports, max 256 IP in, 8 IP out

**Data port (located on front panel), max 128 IP in**

- **Max 840Mbps for each input**

- **Supports accurate PCR adjusting**

- **Supports PID remapping and PSI/SI editing**

- **Supports up to 180 PIDs remapping per channel**

- **Support 8 multiplexed TS over UDP/RTP/RTSP output**

- **8 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
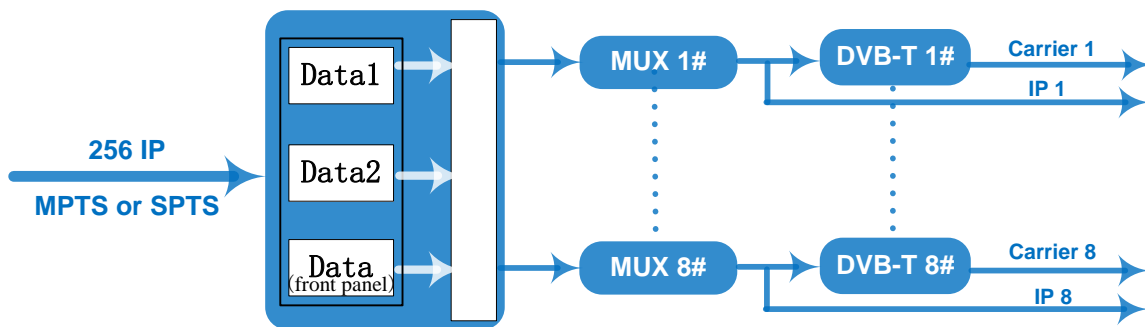
Carrier Setting Illustration
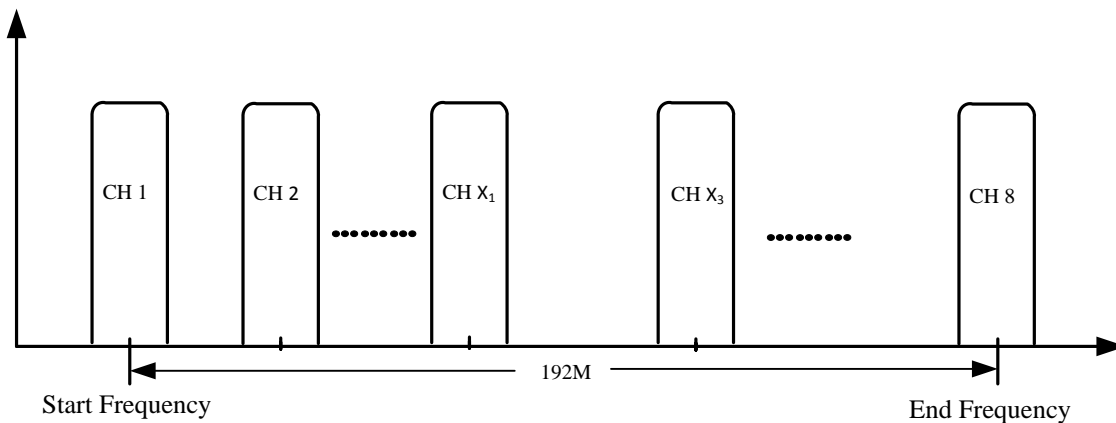
Specifications

Input		
Input	Input	Max 256 IP input through 3 (front-panel Data port, Data 1 and Data 2) 100/1000M Ethernet Port (SFP interface optional). Each Data1 or Data 2 port can input max 256 IP, while front-panel Data port can input max 128 IP
	Transport Protocol	TS over UDP/RTP, unicast and multicast, IGMP V2/V3

	Transmission Rate	Max 840Mbps for each input channel
Mux	Input Channel	256
	Output Channel	8
	Max PIDs	180 per channel
	Functions	PID remapping(auto/manually optional)
		PCR accurate adjusting
		PSI/SI table automatically generating
Modulation Parameters	Channel	8
	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 for 8 non-adjacent carriers
	RF Range	50~960MHz, 1kHz stepping
	Output Level	-20~+10dbm (for all carriers), 0.5db stepping
	MER	$\geq$ 40dB
	ACL	-55 dBc
TS output	8 IP output over UDP/RTP/RTSP, unicast/multicast, 2 100/1000M Ethernet Ports	
System	Web-based Network management	
General	Demission	420mm×440mm×44.5mm (WxLxH)
	Temperature	0~45℃(operation), -20~80℃(storage)
	Power Supply	AC 100V±10%, 50/60Hz or AC 220V±10%, 50/60Hz