



Outline

NDS3394T is a high performance and cost-effective DVB-T modulator designed by Dexin. It has 16 DVB-S/S2 FTA tuner input, 8 groups multiplexing and 8 groups modulating, and supports maximum 512 IP input through GE1 and GE2 port and 8 IP (MPTS) output through GE1 port and 8 non-adjacent carriers (50MHz~960MHz) output through the RF output interface. To meet customers' various requirements, this device is also equipped with 2 ASI input ports.

NDS3394C is also characterized with high integrated level, high performance and low cost. It supports dual power supply (optional). This is very adaptable to newly generation broadcasting system.

Key Features

- **16 DVB-S/S2 FTA Tuner + 2 ASI input+512 IP (GE1 and GE2) input over UDP and RTP protocol**
- **8*DVB-T RF output**

- Excellent RF output performance index, MER≥40db
- Support 8 groups multiplexing + 8 groups DVB-T modulating
- Support accurate PCR adjusting
- Support PSI/SI editing and inserting
- Support Web management, Updates via web
- Redundancy Power Supply (optional)

Specifications

Input	16 DVB-S/S2 FTA Tuner		
	512 IP (GE1 and GE2)input over UDP and RTP protocol		
	2 ASI input, BNC interface		
Tuner Section	DVB-S	Input Frequency	950-2150MHz
		Symbol rate	2-45Msps
		Signal Strength	-65~-25dBm
		FEC Demodulation	1/2, 2/3, 3/4, 5/6, 7/8 QPSK
	DVB-S2	Input Frequency	950-2150MHz
		Symbol rate	QPSK 1~45Mbauds 8PSK 2~30Mbauds
		Code rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
		Demodulation Mode	QPSK, 8PSK
Multiplexing	Maximum PID Remapping	128per input channel	
	Function	PID remapping (automatically or manually)	
		Accurate PCR adjusting	
		Generate PSI/SI table automatically	
Modulation	Standard: EN300 744 FFT: 2K 8K Bandwidth: 6M, 7M, 8M Constellation: QPSK, 16QAM, 64QAM Guard interval: 1/4, 1/8, 1/16, 1/32 FEC: 1/2, 2/3, 3/4, 5/6, 7/8		
Stream output	8 IP(MPTS) output over UDP /RTP, 100M/1000M self-adaption		
	8 DVB-T RF output		
	Remote management	Web NMS (10M/100M)	
	Language	English and Chinese	
	Software Upgrading	Web	
General	Dimension (W*D*H)	482mm×300mm×44.5mm	

Weight	3.7kg
Temperature	0~45°C (Operation) ; -20~80°C (Storage)
Power	AC 100V ±1050/60Hz; AC 220V ±10%, 50/60HZ
Consumption	25W

Working Principle

