



NDS3304A

4 in 1 DVB-T Modulator



Outline

NDS3304A is a cost-effective DVB-T modulator developed according to DVB-T (EN300744) standard. It has 128 IP inputs. After multiplexing and modulating process, it gives 4 DVB-T non-adjacent carriers (50MHz~960MHz) output through the RF output interface. To meet customers' various requirements, this device is also equipped with data port for 4 MPTS output over UDP and RTP. This is very adaptable to newly generation DTV broadcasting system.

Features

- Support maximum 128 IP input(MPTS/SPTS) over UDP and RTP protocol
- Support 4 groups multiplexing +4 groups DVB-T modulating
- 4*DVB-T non-adjacent carrier output
- 4 IP (MPTS) output over UDP and RTP protocol
- Integrated multiplexing and modulating functions
- Support accurate PCR adjusting/PID Remapping/ PSI/SI rebuilding and editing
- Web-based NMS management

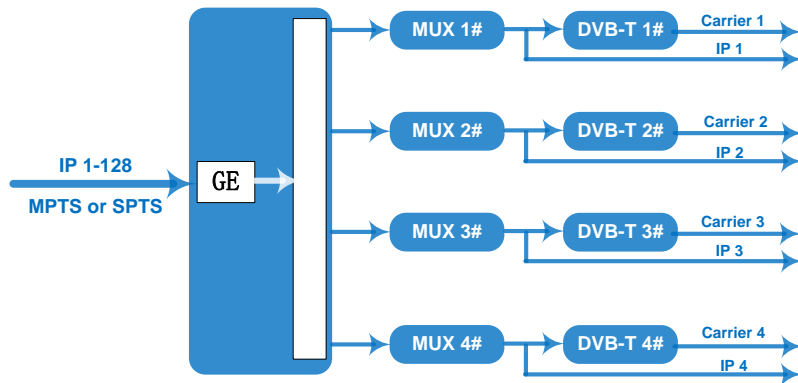


All the specifications are subject to change without any further notice. All rights reserved.

Add: No. 10 & No. 12, Wuxing Fourth Road, Wuhou District, Chengdu 610045, Sichuan, P.R. China

www.dsdtvb.com/English Tel: +86-028-85558928 Fax: +86-028-85585255 Email: sunyu@dsdtvb.com

Principle Chart



Specifications

Input	128 IP(SPTS/MPTS) input over UDP and RTP, RJ45, 1000M/100M, Unicast/Multicast		
Multiplexing	Maximum PID Remapping	256 per input channel	
	Function	PID Remapping	
		Accurate PCR adjusting	
		Generate PSI/SI table automatically	
Modulation	DVB-T	Standard	EN300744
		FFT mode	2K
		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
		MER	≥42 dB
		RF frequency	50~960MHz, 1KHz step
		RF out	1 RF port
			4*DVB-T non-adjacent carriers combined output , 40M total bandwidth limitation
RF output level	-28~ -3 dBm, 0.1db step		
Stream Out	4*MPTS over UDP and RTP out (RJ45, 1000M/100M Unicast/Multicast)		
System	LCD/Keyboard operating and web-based NMS support		
	Ethernet software upgrading		
General	Dimension (W*D*H)	482mm×300mm×44.5mm	
	Temperature	0~45°C (Operation) ; -20~80°C (Storage)	
	Power supply	AC 100V±10%/50/60HZ; AC 220V±10%, 50/60HZ	