



Outline

DEXIN NDS3306 IP to ISDB-T modulator is a high performance modulator developed according to ARIB STD-831 standard. It provides a more powerful receiving ability to simultaneously process 4 IP streams inputting from encoder, multiplexer, gateway and etc head-end. It outputs digital RF after multiplexing process.

For management and operation, this device supports local and remote control through a web-based NMS system.

Key Features

- Complying with ARIB STD-831 standard
- 1000M IP port, 4 IP streams input
- Support 4 IP output
- Programs output through RF with multiplexing
- Dual adjacent carriers output
- RF Output frequency range: 30MHz~1000MHz in 1 kHz step
- Support PID remapping
- LCD/keyboard and Web-based NMS operation

Specifications

IP Input	4* IP (MPTS/SPTS) input over UDP (Unitcast/Multicast) (1000M port based Ethernet)	
	IGMP Snooping: v2, v3	
RF Output	Standard	ARIB STD-B31
	Bandwidth	6M
	Constellation	DQPSK, QPSK, 16QAM, 64QAM
	Guard Interval	1/32, 1/16, 1/8, 1/4.
	Transmission Mode	2K, 4K, 8K
	FEC	1/2, 2/3, 3/4, 5/6, 7/8
	MER	≥42dB
	Output	30~1000MHz, 1KHz step
	RF output level	-30~ -10dbm (77~97 dbμV), 0.1db step
IP Output	4*IP output, one for one with the 4 IP input	
System	LCD/keyboard operating and Web-based NMS support	
	Ethernet software upgrading	
General	Dimension	482mm×300mm×44mm (W*D*H)
	Weight	2.3kg
	Temperature	0~45℃ (Operation); -20~80℃ (Storage)
	Power	AC 110V±10%, 50/60Hz; or AC 220V±10%, 50/60Hz
	Consumption	25W

Principle Chart

