

## IP to 4 COFDM Modulator

### ACE 04IPOFDM

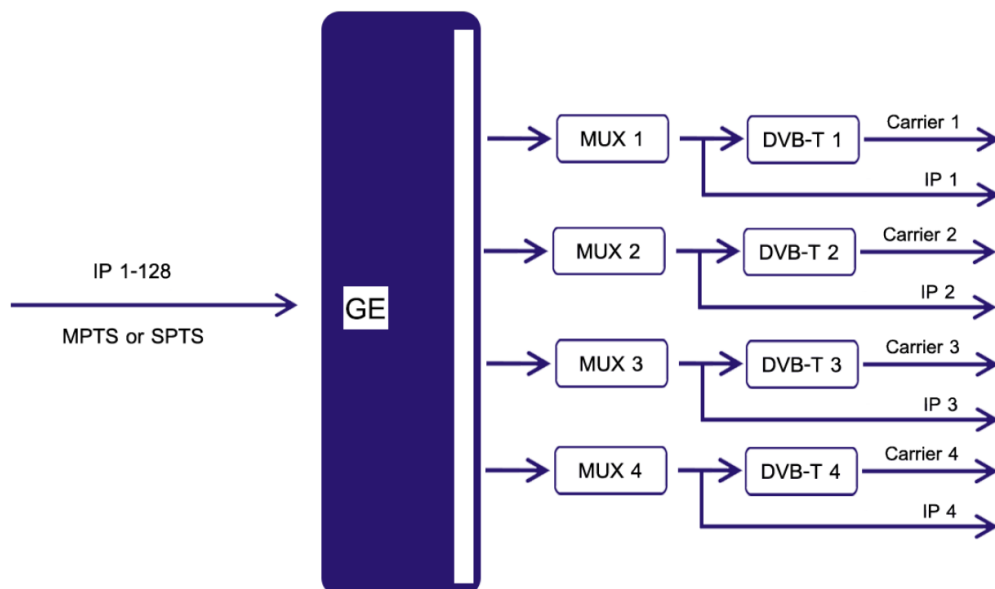


The **ACE 04IPOFDM** is an all-in-one device. It has 4 multiplexing channels and 4 DVB-T modulating channels, and supports maximum 128 IP input through the GE port and 4 non-adjacent carriers (50MHz~960MHz) output through the RF output interface. The device is also characterized with high integrated level, high performance and low cost. This is very adaptable to newly generation DTV broadcasting system.

#### Main Features:

- 2 GE input, SFP interface
- Supports up to 128 channels TS over UDP/RTP, unicast and multicast, IGMP v2\v3
- Max 840Mbps for each GE input
- Supports accurate PCR adjusting
- Supports PID remapping and PSI/SI editing
- Supports up to 180 PIDS remapping per channel
- Support 4 multiplexed TS over UDP/RTP/RTSP output
- 4 DVB-T non-adjacent carriers output, compliant to ETSI EN300 744 standard
- Supports RS (204,188) encoding
- Support Web-based Network management
- Modular design,1U chassis support up to 3 modules

#### Principle Chart:



## Specifications:

PRODUCT		ACE 04IPOFDM	
<b>Input</b>	128 IP(SPTS/MPTS) input over UDP and RTP, RJ45, 1000M/100M, Unicast/Multicast		
<b>Multiplexing</b>	Maximum PID Remapping	128 per input channel	
	Function	PID Remapping	
		Accurate PCR adjusting	
		Generate PSI/SI table automatically	
<b>Modulation</b>	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
<b>Stream Out</b>	4xMPTS over UDP and RTP out (RJ45, 1000M/100M Unicast/Multicast)		
<b>System</b>	LCD/Keyboard operating and web-based NMS support		
	Ethernet software upgrading		
<b>General</b>	Demission (WxLxH)	482mm×300mm×44.5mm	
	Weight	3kg	
	Temperature	0~45°C (Operation) ; -20~80°C (Storage)	
	Power supply	AC 100V±10%/50/60Hz; AC 220V±10%, 50/60HZ	
	Consumption	15.4W	

