

IP to 8 COFDM Modulator

ACE 08IPOFDM

SKU : AD0121ABA1001

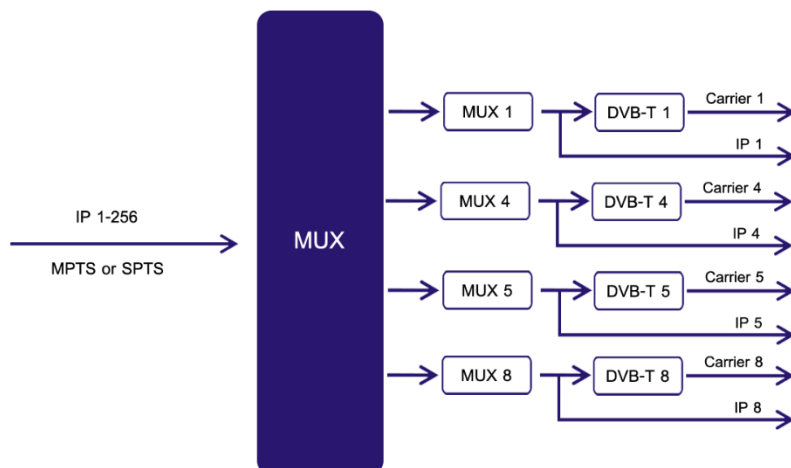


The **ACE 08IPOFDM** is an all-in-one device. It has 8 multiplexing channels and 8 DVB-T modulating channels, and supports maximum 256 IP input through the GE port and 8 non-adjacent carriers (50MHz~960MHz) output through the RF output interface. The device is also characterized with high integrated level, high performance and low cost. This is very adaptable to newly generation DTV broadcasting system.

Main Features:

- 2 GE input, SFP interface
- Supports up to 256 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 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
- Modular design, 1U chassis support up to 3 modules

Principle Chart:



Specifications:

PRODUCT		ACE 08IPOFDM	
Input	256×2 IP input, 2 100/1000M Ethernet Port (SFP)		
Transport protocol	TS over UDP/RTP/RTSP, unicast and multicast, IGMP V2/V3		
Transmission code	Max 840Mbps for each input channel		
Mux	Input channel	256	
	Output channel	8	
	Maximum PIDs	180 per input channel	
	Functions	PID re-mapping(auto/manual optional)	
		PCR accurate adjusting	
		PSI/SI table automatically generating	
Channel	8		
Modulation	Modulation Standard	ETSI EN300 744	
Parameters	Constellation	QPSK/16QAM	
	Bandwidth	16, 32, 64 , 128, 256QAM	
	Trans mode	6/7/8 MHz	
	FEC	2K/4K/8K	
RF output	Interface	F typed output port for 8 non-adjacent carriers	
	RF range	50~960MHz, 1kHz stepping	
	Output Level	-15~+5dbm (for all carriers), 0.5db stepping	
	MER	≥ 40dB	
	ACL	-55dBc	
TS output	8 IP output over UDP/RTP/RTSP, unicast/multicast, 2 100/1000M Ethernet Ports		
System	Web-based Network management		
General	Demission(WxLxH)	420mm×440mm×44.5mm (WxLxH)	
	Weight	3kg	
	Temperature	0~45°C(operation),-20~80°C(storage)	
	Power supply	AC 100V±10%,50/60Hz or AC 220V±10%,50/60Hz	
	Consumption	15.4W	

