



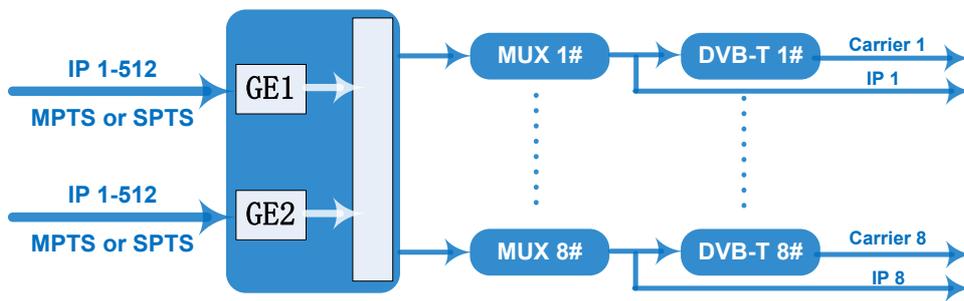
Outline

ACE3308T 24 in 1 IP to DVB-T modulator is the latest generation mux-modulating all-in-one device. A single module has 8 multiplexing channels and 8 DVB-T modulating channels, and supports maximum 1024 IP input through the GE port and 8 non-adjacent carriers (50MHz~960MHz) output through the RF output interface. The 24 in 1 IP to DVB-T modulator can support maximum 3 ACE3308T modules. Each module works standalone. The device is also characterized with high integrated level, high performance and low cost. This is very adaptable to newly generation DTV broadcasting system.

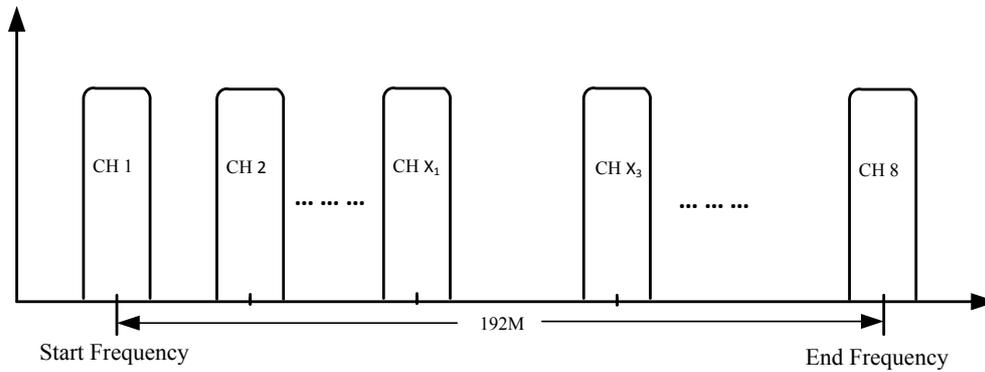
Features:

- 2 GE input, SFP interface
- Supports up to 1024 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

Inner Structure (per daughter module)



Carrier Setting Illustration



Specifications

Input	Input	512×2 IP input, 2 100/1000M Ethernet Port (SFP)
	Transport Protocol	TS over UDP/RTP/RTSP, unicast and multicast, IGMP V2/V3
	Transmission Rate	Max 840Mbps for each input channel
Mux	Input Channel	1024/module
	Output Channel	8/module
	Max PIDs	180 per channel
	Functions	PID remapping(auto/manually optional) PCR accurate adjusting PSI/SI table automatically generating
Modulation Parameters	Channel	8/module
	Modulation Standard	ETSI EN300 744
	Constellation	QPSK/16QAM/64QAM
	Bandwidth	6/7/8 MHz
	Trans mode	2K/4K/8K
	FEC	1/2, 2/3, 3/4, 5/6, 7/8
RF Output	Interface	F typed output port for 8 non-adjacent carriers
	RF Range	50~960MHz, 1kHz stepping
	Output Level	-20~+10dbm (for all carriers), 0.5db stepping
	MER	≥ 40dB
	ACL	-55 dBc
TS output	8 IP output over UDP/RTP/RTSP, unicast/multicast, 2 100/1000M Ethernet Ports	
System	Web-based Network management	
General	Demission	420mm×440mm×44.5mm (WxLxH)
	Weight	3kg
	Temperature	0~45℃(operation), -20~80℃(storage)
	Power Supply	AC 100V±10%, 50/60Hz or AC 220V±10%, 50/60Hz
	Consumption	≤20W