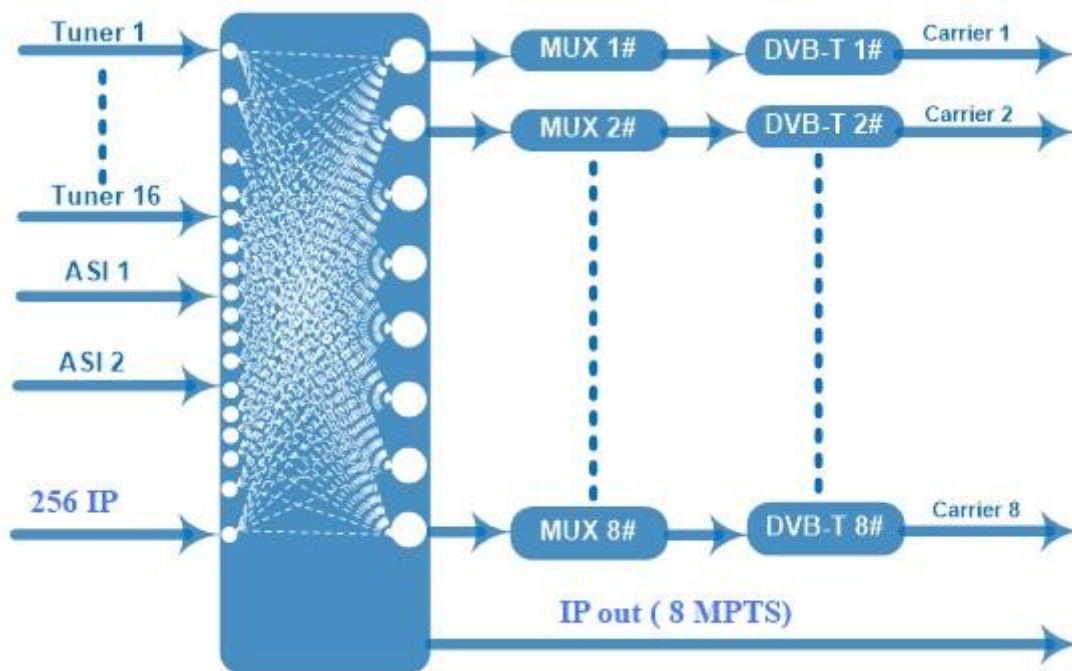




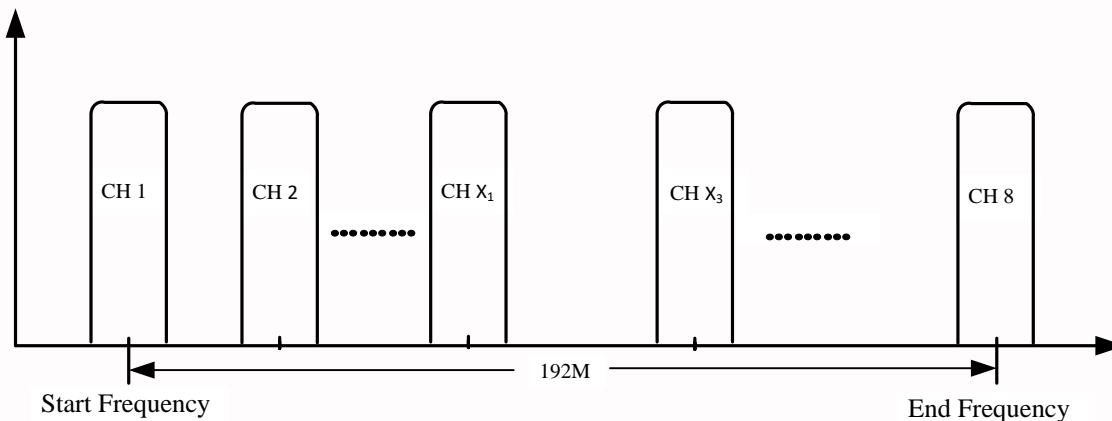
The ADV-8408 is a broadcast 8-channel DVB-T modulator designed for full compliance with DVB-T modulation standard. It has 16 RF FTA tuner inputs (choice of DVB-S/S2/T/T2/C, ATSC, ISDB-T), 8 multiplexing channels and 8 DVB-T modulating channels. It supports up to 256 IP inputs (unicast/multicast) through its onboard GE1 and GE2 ports, as well as 2 ASI input ports. Use as a multi-standard to DVB-T trans-modulator or a standalone DVB-T broadcast modulator.



Main Features:

- 16 RF tuners (choice of DVB-S/S2, DVB-T/T2, DVB-C, ATSC, ISDB-T)
- 2 ASI inputs, BNC interface
- 256 IP inputs over UDP/RTP, unicast/multicast
- 8 built-in multiplexers
- 8 DVB-T RF output non-adjacent channels, 50-960 MHz
- Excellent RF output performance, $MER \geq 42\text{db}$
- Accurate PCR adjustment
- PSI/SI re-generation and insertion
- Web Network management

Carriers Settings



Detailed Specifications

Input	16 RF FTA tuners (choice of DVB-S/S, DVB-C/T/T2, ATSC, ISDB-T tuners)		
	Up to 256 IP inputs through 100/1000Base-T Ports (GE1 and GE2), UDP/RTP		
	2 ASI inputs, BNC interface		
Tuner Section	DVB-C	Standard	J.83A(DVB-C), J.83B, J.83C
		Input Frequency	60 MHz~890 MHz
		Constellation	16/32/64/128/256 QAM
	DVB-S/S2	Input Frequency	950-2150MHz
		Symbol rate	QPSK 1~45Mbauds 8PSK 1~4Mbauds
		Code rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
		Demodulation Mode	QPSK, 8PSK
	DVB-T/T2	Input Frequency	60MHz ~890 MHz
		Bandwidth	6/7/8 MHz
	ISDB-T	Input Frequency	60~890MHz
	ATSC	Input Frequency	30MHz~1000MHz
		Bandwidth	6 MHz
	Multiplexing	Max PID Remapping	256 per input channel
Function		PID remapping (automatically or manually)	
		Accurate PCR adjustment	
		Automatic PSI/SI table generation	
Modulation	RF channels	8 non-adjacent	
	Standard	EN300 744	
	MER	≥42db	
	RF output frequency	50~960MHz, 1KHz step	
	RF output level	-20~+10dbm (for all carriers), 0.5db step	
	FTT	2K, 4K, 8K	
	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	
	Bandwidth	6/7/8 MHz	
Outputs	RF Output, F-type	8 DVB-T non-adjacent channels	
	IP out	8 MPTS output over UDP/RTP as a mirror of 8 carriers	

System	Remote management	WEB (10M/100M)
General	Dimensions (W*D*H)	482mm×300mm×44.5mm
	Weight	3.7kg
	Temperature	0~45C (Operation) ; -20~80C (Storage)
	Power supply	AC 100V±10%, 50/60Hz; AC 220V±10%, 50/60HZ
	Consumption	25W

Ordering Info

- ADV-8408S - 8-channel DVB-T modulator with 16 DVB-S/S2 tuners**
- ADV-8408C - 8-channel DVB-T modulator with 16 DVB-C tuners**
- ADV-8408T - 8-channel DVB-T modulator with 16 DVB-T/T2 tuners**
- ADV-8408A - 8-channel DVB-T modulator with 16 ATSC tuners**
- ADV-8408I - 8-channel DVB-T modulator with 16 ISDB-T tuners**