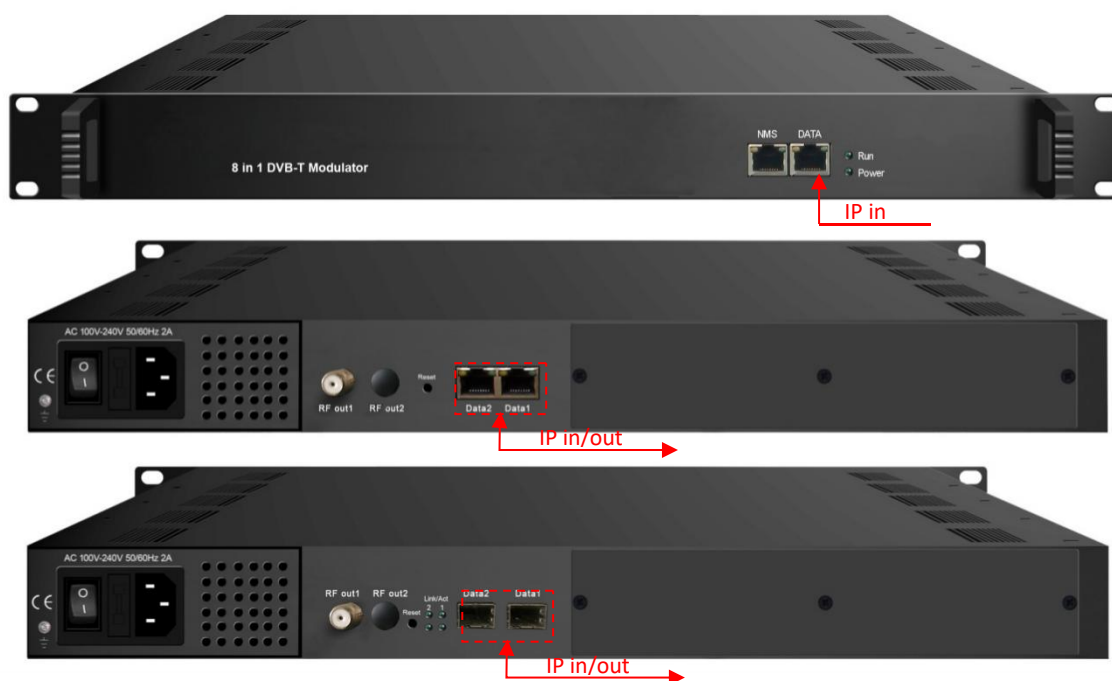


### 8in 1 DVB-T Modulator



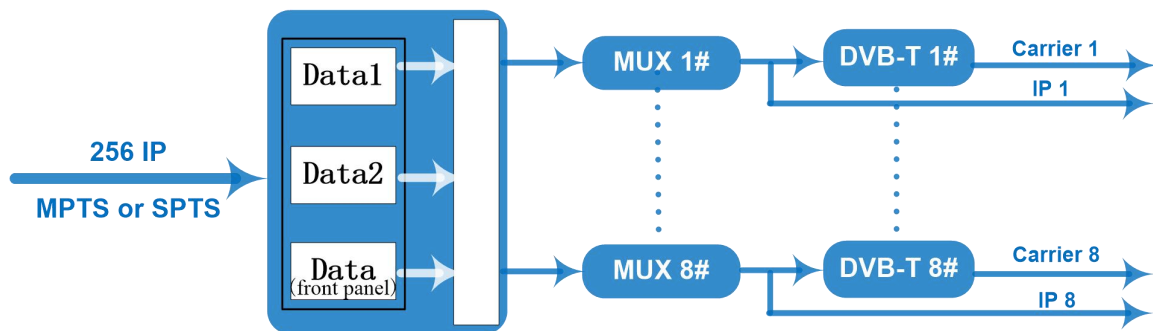
#### Product Overview

SFT3308T 8 in 1 DVB-T modulator is an all-in-one device developed by SOFTEL. 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.

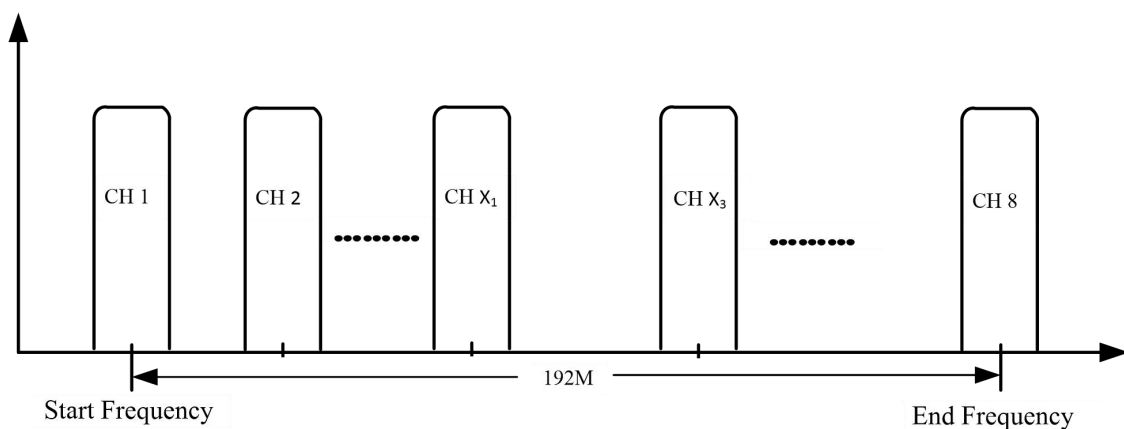
## Key Features

- 3 GE ports (max 256 IP in):  
Data1 & Data2 bi-directional ports, max 256 IP in, 8 IP out  
Data port (located on front panel), max 128 IP in
- Max 840Mbps for each 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

## Inner Principle Chart



## Carrier Setting Illustration



## Specifications

<b>Input</b>	Input	Max 256 IP input through 3 (front-panel Data port, Data 1 and Data 2) 100/1000M Ethernet Port (SFP interface optional). Each Data1 or Data 2 port can input max 256 IP, while front-panel Data port can input max 128 IP
	Transport Protocol	TS over UDP/RTP, unicast and multicast, IGMP V2/V3
	Transmission Rate	Max 840Mbps for each input channel
<b>Mux</b>	Input Channel	256
	Output Channel	8
	Max PIDs	180 per channel
	Functions	PID remapping(auto/manually optional) PCR accurate adjusting PSI/SI table automatically generating
<b>Modulation Parameters</b>	Channel	8
	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
<b>RF Output</b>	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
<b>TS output</b>	8 IP output over UDP/RTP/RTSP, unicast/multicast, 2 100/1000M Ethernet Ports	
<b>System</b>	Web-based Network management	
<b>General</b>	Demission	420mm×440mm×44.5mm (WxLxH)
	Temperature	0~45℃ (operation), -20~80℃ (storage)
	Power Supply	AC 100V±10%, 50/60Hz or AC 220V±10%, 50/60Hz