

Overviews

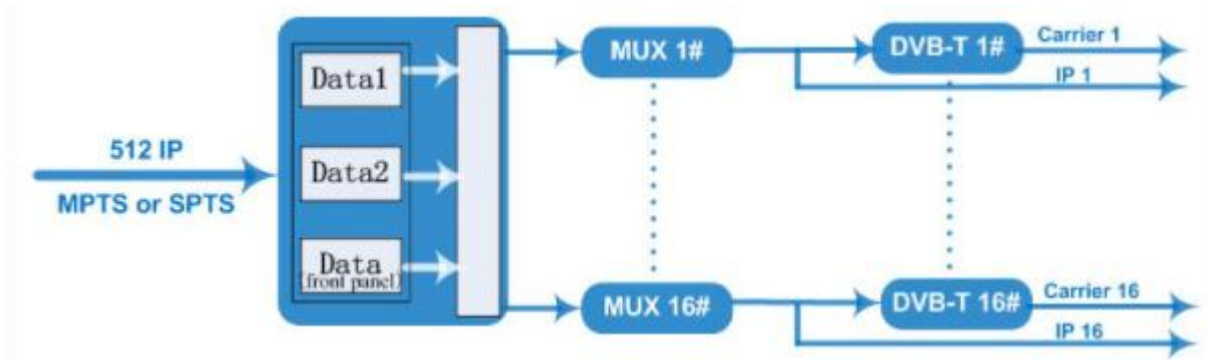
IPM16T 16 in 1 DVB-T modulator is an all-in-one device developed by hondao. It has 16 multiplexing channels and 16 DVB-T modulating channels, and supports maximum 512 IP input through the GE port and 16 non-adjacent carriers (50MHz~960MHz) output through the RF output interface. The device is also characterized with high integrated level, high performance and low cost. This is very adaptable to newly generation DTV broadcasting system.



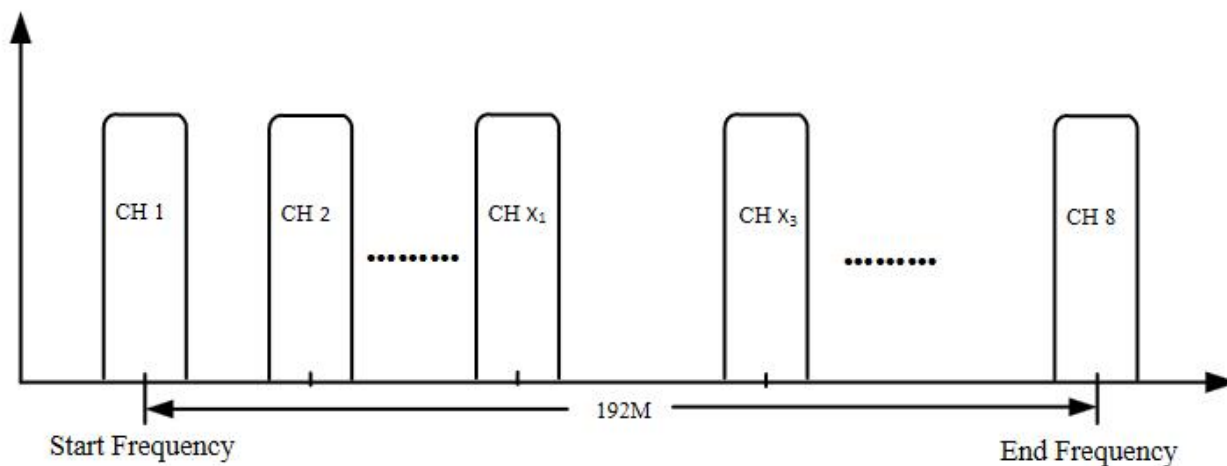
Feature

- 3 GE ports (max 512 IP in):
 - Data1 & Data2 bi-directional ports, max 512 IP in, 16 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 16 multiplexed TS over UDP/RTP/RTSP output
- 16 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



Specification

Item	Parameter
Input	
Input	Max 512 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 GE input

MUX	
Input Channel	256
Output Channel	16
Max PIDs	180 per channel
Functions	PID remapping (auto/manually optional)
	PCR accurate adjusting
	PSI/SI table automatically generating
Modulation Parameters	
Channel	16
Modulation Standard	ETSI EN300 744
Bandwidth	6/7/8 MHz
Transmission Mode	2K, 4K, 8K
Code rate	1/2, 2/3, 3/4, 5/6, 7/8
FEC	1/2, 2/3, 3/4, 5/6, 7/8
RF Output	
Interface	F typed output port for 6 carriers, 75Ω impedance
RF Range	50~960MHz, 1kHz stepping
Output Level	-20~+10dbm (for all carriers), 0.5db stepping
MER	≥ 40dB
ACL	-55 dBc
TS output	
16 IP output over UDP/RTP/RTSP, unicast/multicast, 2 (Data1& Data2) 100/1000M Ethernet Ports	
System	
Network management software (NMS) supporting	
General	
Demission	420mm×440mm×44.5mm (W×L×H)
Weight	3kg



We produce a wide selection of network equipment under HONDAO brand . Gather thousands of products ,which are supplier to customs of different filed and different requirement . QC team test all goods before shipment . We screen the Chinese supplier in a search of the most efficient product solutions available to satisfy your individual needs.