



HPM416

IP ASI to DVB-T Modulator



Product Overview

HPM416 is a cost-effective DVB-T modulator developed according to DVB-T (EN300744) standard. It has 128 IP inputs. After multiplexing and modulating process, it gives 16 DVB-T non-adjacent carriers (50MHz~960MHz) output through the RF output interface. To meet customers' various requirements, this device is also equipped with data port for 4 MPTS output over UDP and RTP. This is very adaptable to newly generation DTV broadcasting system.

Key Features

- ❖ Support maximum 4*128 IP input (MPTS/SPTS) over UDP and RTP protocol
- ❖ Support 4*4 groups DVB-T modulating
- ❖ Support 4*2 Serial TS Input (Any Multiplex)
- ❖ Support 2 Serial TS Output
- ❖ Integrated multiplexing and modulating functions
- ❖ Support accurate PCR adjusting/PID Remapping/PSI/SI rebuilding and editing
- ❖ Web-based NMS management

Specifications

Modulation	Standard	EN300744
	FFT mode	2K
	Bandwidth	6M, 7M, 8M
	Constellation	QPSK、16QAM、64QAM
	RF out	4*4 DVB-T, 16 Channels DVB-T,
	RF frequency	50~900MHz, 1kHz step
	RF output level	-24dBm~0dBm
	MER	≥40db
	Guard Interval	1/4, 1/8, 1/16, 1/32
	FEC	1/2, 2/3, 3/4, 5/6, 7/8
IP Input	4ch 128 IP(SPTS/MPTS) input over UDP and RTP, RJ45,1000M/100M, Unicast/Multicast	
System	LCD/Keyboard operating and web-based NMS support	
	Ethernet software upgrading	
General	Dimension (W*D*H)	440mm×380mm×40mm
	Temperature	0~45°C(work); -20~80°C(storage)
	Power supply	AC 110V±10%, 50/60Hz AC 220V±10%, 50/60Hz