

HPR5624D DVB Tuner to IP Gateway



Introduction

Encrypted or free satellite or cable signals can be captured, converted into IPTV output, UDP multicast output, or directly converted into DVB terrestrial broadcast digital signals. The output signals can be viewed using a network set-top box, directly on a television that supports DVB-C/ DVB-T/ISDB-T, or via a DVB set-top box.

- 5/8 DVB inputs support DVB-S/S2, DVB-C, DVB-T/T2, ISDB-T
- IPTV input supports unicast protocols such as HTTP/RTSP/RTMP/UDP/SRT, and supports both single-program and multi-program UDP multicast.
- An external USB hard drive can be connected to play video files, with support for looping playback of files in a single directory.
- Supports playing video files from an NFS server.

Specification

input	5/8 DVB-S/S2/T/T2/C inputs
Web	One 100Mbps Ethernet
Output	1gbps Ethernet
	USB 2.0 interface
	Support IPTV input
	Support multimedia files on USB disk
	5 support BISS/ PowerVU/SMART card
	USB 2.0 interface
Systems	OS Linux operating systems
	Hisilicon Hi3798CV200 processor/decoder
	256 MB Nand Flash memory
	4 GB DDR3 SDRAM memory
	DVB tuner and demodulator

	R848 tuner chipset
	Demodulate AVL6862 chipsetDemodulate DVB-S, DVB-S2.DVB-T, DVB-T2, DVB-C standard
	R848 tuner chipset
	Input impedance 75 Ω
Dvb-s/s2	DVB-S2/S frequency range 950 to 2150MHz
	LNB power and vertical polarization 13VDC;Horizontal 18VDC @ 400mA (max)Tone 22KHz $\pm$ 0.4KHz(0.6V $\pm$ 0,2V),Overload protection
	Input level range 65dbm-25dbm
	Demodulation DVB-S2/S QPSK, 8PSK
	DVB-S/S2 symbol rate 2 x 90MSPS
	DVB-S/52 code rate 1/2,2/3,3/4,5/6,7/8 for DVBS.
	1/4,1/3,2/5,112,3/5,2/3,3/4,516,8/9.9/10, for DVBS2
	LNB power and vertical polarization 13VDC;Horizontal 18VDC @ 400mA (max)Tone 22KHz $\pm$ 0.4KHz(0.6V $\pm$ 0,2V),Overload protection
Dvb-t/t2	DVB-T2/T frequencyrange VHF:170MHz-227MHz
	UHF:470MHz-862MHz
	DVB-T2/T demodulation 16QAM,64QAM,256QAM,QPSKBandwidth DVB-T2/T6M/7M /8M
	DVB-T2/T frequencyrange VHF:170MHz-227MHz
Dvb-c	DvB-C frequency range 54 to 862MHz
	DVB-C demodulation 16QAM, 32QAM,64QAM,128QAM, 256QAMDvB-C symbol rate 2000x7000
	DvB-C frequency range 54 to 862MHz
Common	Dimensions (L x W x H) 482mm x 450mm x 55.5mm
	Temperature range 0 - 45 *C (operating); -20 - 80 ^C (storage)Powerreqlirements ca 100V+10%,50/60Hz ca 220V+10%,50 /60Hz
	Dimensions (L x W x H) 482mm x 450mm x 55.5mm