



Product Overview

HPR3624D-N is a professional high integration device which includes tuner demodulation, multiplexing. It supports 4/8/12/16/20/24 tuner input(support different types of tuner (DVB-S2 、 DVB-C 、 DVB-T 、 ATSC 、 DTMBT 、 ISDBT, etc.) input), Supports multiple streaming media protocol output (DATA1: RTMP/HTTP/RTSP/HLS/SRT); 5 MPTS output and 512 SPTS output (DATA2: UDP/RTP). It also support audio transcoding from AC3 to MP2/AAC. In conclusion, its high integrated and cost-effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, digital TV broadcasting etc.

Key Features

- 4/8/12/16/20/24 tuner input, the tuner supports (DVB-S2/DVB-C/DVB-

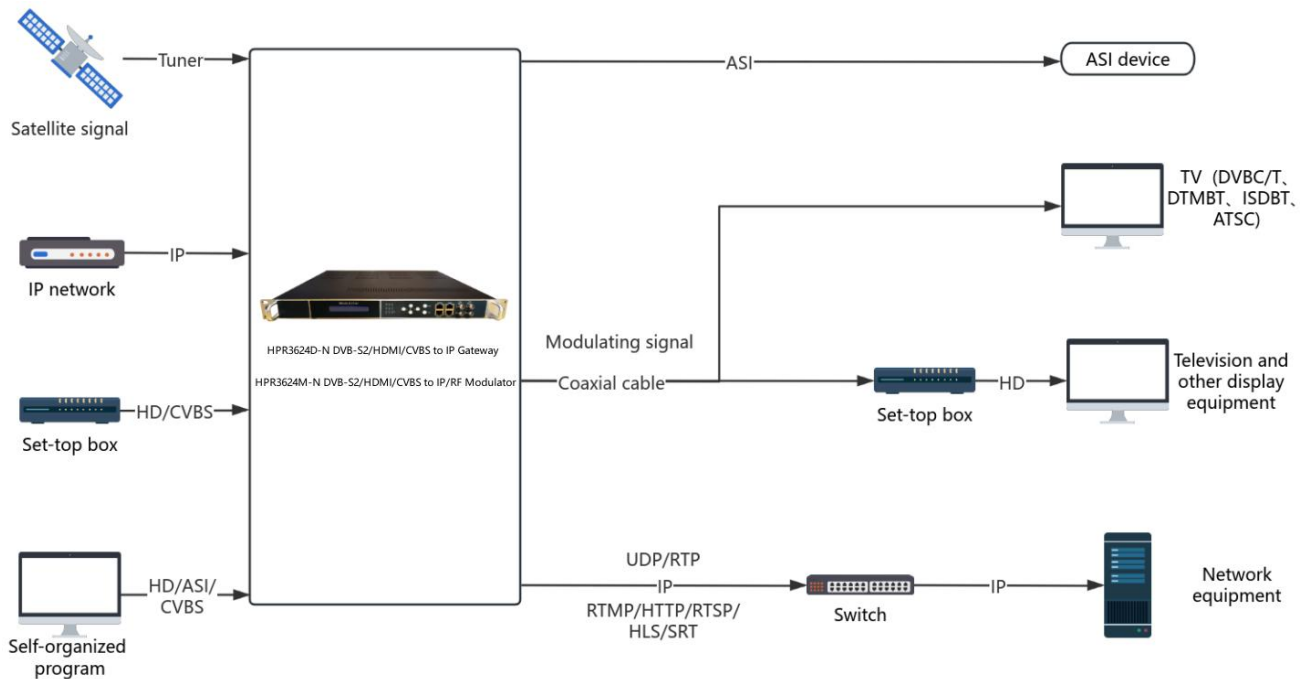
T/ATSC/ISDBT/DTMB)

- Support different types of tuner (DVB-S2、 DVB-C、 DVB-T、 ATSC、 DTMBT、 ISDBT) input, or mixed use (e.g., 4-way DVB-T and 4-way ATSC input at the same time.)
- Supports 2-way gigabit output
(DATA1: RTMP/HTTP/RTSP/HLS/SRT;DATA2:UDP/RTP)
- Supports 1-way gigabit input, 128 IP address input (DATA3: UDP/RTP)
- 2 ASI inputs
- Support audio transcoding from AC3 to AAC. (for RTMP output only)
- 2 ASI Independent output
- Web-based NMS management
- Support “Null PKT Filter” function
- Support PID Remapping/ PCR accurate adjusting
- PID pass
- LCD、 key function
- Control via web management, and easy updates via web

Specification

Input	4/8/12/16/20/24 tuner the tuner supports (DVB-S2/DVB-C/DVB-T/ATSC/ISDBT/DMBT) optional	
	2 ASI inputs	
	DATA 3: 128 IP address input, UDP/RTP protocol	
Output	2 ASI output	
	DATA 1: IP output, RTMP/HTTP/RTSP/HLS/SRT protocol	
	DATA 2: IP output (512 SPTS and 5 MPTS) over UDP/RTP protocol	
Transcoding	Support audio transcoding from AC3 to MP2/AAC. For RTMP output only	
Multiplexing	Maximum PID Remapping	180 output PID per channel
	Function	PID remapping (automatically or manually)
		Accurate PCR adjusting
System function	Network management (WEB)	
	Chinese and English language	
	Ethernet software upgrade	
Miscellaneous	Dimension(W×L×H)	482mm×410mm×44mm
	weight	5-9 kg
	Environment	0~45℃(work); -20~80℃(storage)
	Power requirements	AC100~240V, 50/60Hz

System Diagram



Note: The figure shows all the optional functions of this series of products, and the actual functions are subject to the specific customized functions.

Streaming media module performance test data							
Protocol	Audio/ Video Code Format	Video Bitrate	Audio Bitrate	Stream Bitrate	Channel Quantity	Maximum Bitrate	Streams Quantity
RTMP/RTSP/HTTP	H264+AAC(LC)	4Mbps	128Kbps	4.5Mbps	CH:48	220Mbps	6
RTMP/RTSP/HTTP	H264+AAC(LC)	6Mbps	128Kbps	6.5Mbps	CH:40	260Mbps	6
RTMP/RTSP/HTTP	H264+AAC(LC)	8Mbps	128Kbps	8.5Mbps	CH:30	260Mbps	6
HLS	H264+AAC(LC)	4Mbps	128Kbps	4.5Mbps	CH:48	220Mbps	6
HLS	H264+AAC(LC)	6Mbps	128Kbps	6.5Mbps	CH:38	250Mbps	6
HLS	H264+AAC(LC)	8Mbps	128Kbps	8.5Mbps	CH:30	260Mbps	6
SRT	H264+AAC(LC)	4Mbps	128Kbps	4.5Mbps	CH:32	150Mbps	4
SRT	H264+AAC(LC)	6Mbps	128Kbps	6.5Mbps	CH:27	180Mbps	4
SRT	H264+AAC(LC)	8Mbps	128Kbps	8.5Mbps	CH:22	190Mbps	4
Software version: 4.19.232-2.26-0.1-20240611					Test Date: 202406		