

HP204 4 in 1 IP Decoder



HP204 4 in 1 IP Decoder support 4 IP and 2 ASI input, 4 channels decoding output with H.265/H.264/MPEG2 decoding. It also support 8 HD-SDI/4 HDMI/4 CVBS/4 AES/EBU and 4 analog stereo output, and support 4K/1080P/1080I/720P/ 576I/480I resolution.

Key Features

- Support ASI input, IP input UDP protocol (SRT/HTTP/HLS/RTMP/RTSP is optional)
- Support CVBS/HDMI/SD/HD-SDI/AES/EBU/Analog Stereo output, ASI/IP output
- Support AC3/EAC3/AAC/MPEG audio decoding
- Support H.265/H.264/MPEG2 video decoding
- Support AC3 passthrough
- Support Biss_1/Biss_E descrambling mode
- Support Closed caption/subtitle/Teletext function
- Resolution can be automatically identified or manually set
- Friendly user interface to facilitate the operation of the menu system and all operations can be completed on the LCD
- B/S based web management
- Support dynamic monitoring of signal input strength and SNR and support signal lock-lose alarm

Application category

- DTV head-end equipment
- DTV interface converter, Facilitate the conversion between different interfaces of various devices
- Support VOD in IPTV system
- Broadcast monitoring

Specification

ASI Input/output	ASI input Interface	2*BNC input, 75Ω
	ASI output interface	2*BNC input, 75Ω
	Standard	DVB-ASI, EN50083-9
IP Input/output	Interface	2*RJ-45, 1000 Base-T
	Frame length	(1-7)x188 adjustable byte
	IP protocol	• UDP/RTP, Unicast, Multicast (SRT/HTTP/HLS/RTMP/RTSP is optional)
HDMI output	Interface	4*HDMI port(support 4K resolution and 1.4a frame rate)

	Resolution and frame rate	4K30/1080P60/1080P50/1080I60/1080I50/720P60/720P50/576P/576I/480P/480I
	Embed audio	1 stereo
Video decoding	Decoding format	MPEG-2/MPEG 4/H.264 AVC/H.265(HEVC)/AVS+
Audio decoding	Decoding format	MPEG-1 LayerI/II, MPEG-2 layer II, MPEG-2 AAC, MPEG-4 AAC LC, 2-CHANNEL/5.1 CHANNEL AC3/EAC3
HD/SD-SDI output	Interface	8*BNC, 75Ω
	SD-SDI output	SMPTE 259M, 270Mb/s(10bit)
	HD-SDI output	SMPTE 292M, 1.485Gbit/s(20bit)
Analog audio output	Interface	4*RCA, 4*XLR
	Output audio format	Left, Right, Dual Mono, Stereo
Digital audio output	Interface	4*AES/EBU
Analog video output	Video interface	4*RCA, 75Ω
	Output Level	1.0Vp-p±5%
	CVBS format	PALBDGHI, PALN, NTSCM, PALN-C, NTSCM, NTSCM443, PALM, SECAM, NTSCMJ
	Video SNR	≥56dB
	Video sync amplitude	300±20mVP-P
	Video amplitude characteristic	±0.8Db(4.8MHz); ±1dB(4.8-5MHz); ±0.5/-4dB(5.5MHz)
	Video output amplitude	700±30mVP-P
Data output	Subtitle	DVB/EBU
	Teletext	DVB/EBU
	Closed Caption	EIA 608, EIA 708, EIA 608-to-708
Local and remote management	Interface	1*RJ-45, 10/100 Base-T
	Remote management	HTTP Web
	Local management	Front pannel button and LED
	Device upgrade	IP
Miscellaneous	Dimension (W×L×H)	450mm×350mm×44mm
	Net Weight	5Kg
	Power	AC 90V~250V, 50/60Hz
	Consumption	24W(Power supply without LBN)
	Temperature	0~45℃(work); -10~60℃(Storage)
	Humidity	10~90%(Non-Condensing)