HPR802H 2 in 1 IRD

HPR802H 2 in 1 IRD is a pluggable structure design device. It supports 2 Tuners, 2 IP and 1 ASI input, 2 channels decoding output with AVS+/H.265/H.264/MPEG2 decoding format. With it's abundant output interface, it support 4 HD-SDI, 2 HDMI, 2 CVBS, 2 AES/EBU and 2 analog stereo output. IP (2*MPTS/24*SPTS) output through Dual Gigabit Ethernet output. It also support 4K/1080P/1080I/720P/576I/480I resolution.

Key Features

- Support CVBS/HDMI/SD/HD-SDI/AES/EBU/Analog Stereo/ASI/IP output
- Support DRA/AC3/EAC3/AAC/MPEG audio decoding
- Support AVS+/H.265/H.264/MPEG2 video decoding
- Support AC3 passthrough（ unvarnished transmission）
- 2 independent CAM card can decrypt two programs
- 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

Specifications

RF input	DVB-S/S2 input	Input port	2*RF input, 2*RF loopout, 75Ω
		Input frequency	950~2150MHz
		Input level	-25~-65dBm
		Symbol rate	1~45Msps
		LNB power supply	13V, 18V, off , 22KHz
		Constellation	QPSK, 8PSK
	DVB-T/T2 input	Input port	2*RF input, 2*RF loopout, 75Ω
		Input frequency	44~1002MHz
		Input level	-20~-100dbm
		Modulation mode	DVB-T: QPSK, 16/64 QAM
			DVB-T2: QPSK, 16/64/256 QAM
		Bandwidth	6/7/8 MHz
	DVB-C input	Input port	2*RF input, 2*RF loopout, 75Ω
		Input frequency	48~862MHz
		Input level	45~75dbuV
		Modulation mode	16/32/64/128/256QAM
ASI in/ASI output	Interface		1*BNC input, 75Ω
	Interface		2*BNC output, 75Ω
	Bitrate		≤200Mb/s
TS over IP	Interface		2*RJ-45, 1000 Base-T
	IP protocol		UDP/RTP, Unicast, Multicast, IGMP(V1,2,3)
HDMI output	Interface		2*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
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/DRA/EAC3
HD/SD-SDI output	Interface		4*BNC, 75Ω
	SD-SDI output		SMPTE 259M, 270Mb/s(10bit)
	HD-SDI output		SMPTE 292M, 1.485Gbit/s(20bit)
Analog audio output	Interface		2*RCA, 2xXLR
	Output audio format		Left, Right, Dual Mono, Stereo
Digital audio output	Interface		2*AES/EBU
Analog video output	Video interface		2*RCA, 75Ω
	CVBS format		PALBDGHI, PALN, NTSCM, PALN-C, NTSCM, NTSCM443,

		PALM, SECAM, NTSCMJ
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
Miscellaneous	Dimension (W×L×H)	450mm×350mm×44mm
	Net Weight	5Kg
	Power	AC 90V~250V, 50/60Hz
	Consumption	24W(Power supply without LBN)