

HPR801A HD IRD



HPR801A HD IRD support AVS+/H.265/H.264/MPEG2 video decoding and DRA/AC3/EAC3/AAC/MPEG audio decoding. It support DVB-S/S2,DVB-T/T2,DVB-C tuner/ASI/IP input and 1080P/1080I/ 720P/576I/480I output resolution.The two CAMs/CIs accompanied and BISS modules can descramble the programs input from encrypted Tuner, ASI and IP.

Key Features

- Support RF input (DVB-S/S2/S2X,DVB-T/T2,DVB-C tuner) optional, ASI/IP input
- 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
- Each CAM can decrypt multiple programs from Tuner/ASI/IP
- Support Biss_1/Biss_E descrambling mode
- Support HD and SD signal input
- 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
- Receiving DVB-S/S2/S2X, DVB-T/T2 and DVB-C DTV signals
- Support VOD and IPTV
- Broadcast monitoring



Specifications

RF input	DVB-S/S2/S2X input	Input port	1*RF input, 1xRF 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	1*RF input, 1*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	1*RF input, 1*RF loopout, 75Ω
Input frequency		48~862MHz	
Input level		45~75dbuV	
Modulation mode		16/32/64/128/256QAM	
ASI input/output	Input/output interface	1*BNC input, 75Ω; 2*BNC output, 75Ω	
	Input/output bitrate	≤200Mb/s	
TS over IP	Interface	1*RJ-45, 10/100 Base-T	
	Effective rate	90Mb/s (100 Based-T)	
	IP protocol	UDP/RTP, Unicast, Multicast	
HDMI output	Interface	1*HDMI	
	Resolution and frame rate	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	2*BNC, 75Ω	
	SD-SDI output	SMPTE 259M, 270Mb/s(10bit)	
	HD-SDI resolution	SMPTE 292M, 1.485 Gbit/s(20bit)	
Analog audio output	Interface	2*BNC, 2*XLR	
	Output audio format	Left, Right, Dual Mono, Stereo	
Digital audio output	Interface	2*AES/EBU	
Analog video output	Video interface	1*BNC, 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×280mm×44mm
	Net Weight	3Kg
	Power	AC 90V~250V, 50/60Hz
	Consumption	24W(Power supply without LBN)