HPR801UHD DVB-S2 4K HD IRD

HPR801UHD DVB-S2 4K HD IRD supports AVS2.0/AVS+/H.265 HEVC/H.264/MPEG2 video decoding and DRA/AC3/EAC3/AAC /MPEG audio decoding. With RF/ASI/IP input, it supports 4K/1080P/1080I/720P/576I/480I resolution output through HDMI and also support 4*3GSDI 4K outputs.

Key Features

- Support DVB-S2 RF/IP/ASI input
- Support CVBS/HDMI/4*3G-SDI/CVBS/ASI/IP output
- Support AVS2.0/AVS+/H.265 HEVC/H.264/MPEG2 video decoding
- 2 independent CAM card can decrypt two programs
- Support Biss_1/Biss_E descrambling mode
- Support DRA/AC3/EAC3/AAC/MPEG audio decoding
- Support 4*3G SDI 4K output
- 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
- Receiving 4K programs
- Broadcast monitoring

Specifications

RF input	DVB-S/S2 input	Input port	1xRF 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-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; 3*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 input protocol	UDP/HTTP/HTTPS/HLS/M3U8/RTSP/RTMP/MMS/Bluray	
	IP output protocol	UDP/MPTS	
HDMI output	Interface	1*HDMI	
	Resolution and frame rate	4K60/4K50/4K30/1080P60/1080P50/1080I60/1080I50/720P60/720P50/576P/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	
4K 3G-SDI output	Interface	4xBNC, SMPTE-259/292/424	
	HD-SDI output	4x3GSDI, 4:2:2/4:4:4 YCbCr 4:4:4 RGB, 10bit	
	4Kx3G-SDI resolution	(UltraHD)3840x2160p 23.98, 24, 25, 29.97,30, 50, 59.94,60 (UltraHD)3840x2160PsF*23.98, 24, 25, 29.97, 30 (2K) 2048x1080p, 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 (2K) 2048x1080PsF, 23.98, 24, 25, 29.97, 30 (HD)1920x1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 (HD)1920x1080PsF 23.98, 24, 25, 29.97, 30 (HD)1920x1080i 25, 29.97, 30 (HD)1280x720p*50, 59.94, 60	
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×350mm×44mm
	Net Weight	5Kg
	Power	AC 90V~250V, 50/60Hz
	Consumption	24W(Power supply without LBN)