



PRMHW-104 IP Gateway is a head-end interface conversion device which supports MPTS and SPTS output switchable. It supports 16 MPTS or 512 SPTS output over UDP and RTP/RTSP protocol. It is integrated with tuner demodulation (or ASI input) and gateway function, which can demodulate the signal from 24 tuners into IP package, or directly convert the TS from ASI input and tuner into IP package, then output the IP package through different IP address and ports. BISS function is also embedded for tuner input to descramble your tuner input programs.

### Features

- Support 24 FTA DVB- S/S2/S2X input, 2 ASI input
- Support BISS descrambling
- Support DisEqc function
- 24 MPTS or 512 SPTS output (MPTS and SPTS output switchable)
- 2 GE mirrored output (IP address and port number of GE1 and GE2 are different), up to 850Mbps---SPTS
- 2 independent GE output port, GE1 + GE2---MPTS
- Support PID filtering, re-mapping (Only for SPTS output)
- Support "Null PKT Filter" function (Only for MPTS output)
- Support Web operation

## Technical Specifications

Input	24 x DVB-S/S2/S2X +1 ASI input		
Tuner Section	DVB -S	Frequency In	950~2150MHz
		Symbol rate	0.5~45Msp/s
		Signal Strength	- 65- -25dBm
		FEC	1/2, 2/3, 3/4, 5/6, 7/8
		Constellation	QPSK
		Max input bitrate	≥125Mbps
	DVB -S2	Frequency In	950~2150MHz
		Symbol rate	QPSK/8PSK /16APSK :0.5~45 Msp/s 32APSK: 0.5~34Msp/s;
		FEC	QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 32APSK: 3/4, 4/5, 5/6, 8/9, 9/10
		Constellation	QPSK, 8PSK, 16APSK, 32APSK
	DVB -S2X	Max input bitrate	≤125 Mbps
		Frequency In	950~2150MHz
		Symbol rate	QPSK/8PSK /16APSK :0.5~45 Msp/s 8APSK: 0.5~40Msp/s 32APSK: 0.5~34Msp/s
		FEC	QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10, 13/45, 9/20, 11/20 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 8APSK: 5/9-L, 26/45-L 16APSK: 2/3, 3/4, 4/5, 5/6, 8/9, 9/10, 1/2-L, 8/15-L, 5/9-L, 26/45, 3/5, 3/5-L, 28/45, 23/36, 2/3-L, 25/36, 13/18, 7/9, 77/90 32APSK: 3/4, 4/5, 5/6, 8/9, 9/10, 2/3-L, 32/45, 11/15, 7/9
		Constellation	QPSK, 8PSK, 8APSK, 16APSK, 32APSK
Max input bitrate		≤125 Mbps	
BISS Descrambling	Mode 1, Mode E (Up to 850Mbps) (descramble individual program)		
Output	512 SPTS IP mirrored output over UDP and RTP/RTSP protocol through GE1 and GE2 port (IP address and port number of GE1 and GE2 are different) , Unicast and Multicast		
	24 MPTS IP output (for Tuner/ASI passthrough) over UDP and RTP/RTSP protocol through GE1 and GE2 port, Unicast and Multicast		
	2 ASI output		
System	Web based management Ethernet software upgrade		
Miscellaneous	Dimension	482mm×410mm×44mm (W×L×H)	
	Approx weight	3.6kg	
	Environment	0~45°(work) ; -20~80°C (Storage)	
	Power requirements	100~240VAC , 50/60Hz	
	Power consumption	20W	