TUNER TO IP Gateway with SPTS/MPTS Output

Outline

Tuner to 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 16 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.

Key Features

- ➢ Support 16 FTA DVB- S/S2 (DVB-C/T/T2 /ISDB-T/ATSC optional) input, 2 ASI input

- ➢ 16 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 Management.

Specifications

Input	Optional 1:16 tuners input +2 ASI input---SPTS output
	Optional 2:14 tuners input +2 ASI input --- MPTS
	output Optional 3:16 tuners input --- MPTS output

Tuner Section	DVB-C	Standard	J.83A(DVB-C), J.83B, J.83C
		Frequency In	30 MHz~1000 MHz
		Constellation	16/32/64/128/256 QAM
	DVB-T/T2	Frequency In	30MHz ~999.999 MHz
		Bandwidth	6/7/8 M bandwidth
	DVB-S/S2	Input Frequency	950-2150MHz
		Symbol rate	DVB-S: QPSK 2~45Mbauds; DVB-S2:QPSK1~45Mbauds, 8PSK 2~30Mbauds
		Code rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
		Constellation	QPSK, 8PSK
	ISDB-T	Input Frequency	30-1000MHz
	ATSC	Input Frequency	54MHz~858MHz
		Bandwidth	6M bandwidth

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
	16 MPTS IP output (for Tuner/ASI Passthrough) over UDP and RTP/RTSP

BISS Descrambling	Mode 1, Mode E (Up to 850Mbps) (descramble individual program)

Miscellaneous	Dimension	482mm×410mm×44mm (W×L×H)
	Approx weight	3.6kg
	Environment	0~45℃（work）；-20~80℃（Storage）
	Power requirements	100~240VAC, 50/60Hz
	Power consumption	20W