

Tuner to IP Gateway IPTV-Tuner

IPTV-Tuner



FEATURES

- IPTV Tuner head-end convert up to 16 frequencies to a single. Ethernet output port by using internet protocol.
- The device integrates tuner demodulation and IP gateway functionality, which can demodulate the signals 16 tuners into MPTS or SPTS via UDP and RTP/RTSP protocols.
- Support 16 FTA DVB- S/S2/S2X (DVB-C/T(T)/ISDB-T/ATSC optional) input, 2 ASI input.
- Support BISS descrambling.
- Support DiSEqC function.
- 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 ports, GE1 + GE2---MPTS.
- Support PID filtering, re-mapping (Only for SPTS output).
- Support "Null PKT Filter" function (Only for MPTS output).
- Support Web operation.
- 1 Year warranty.

TECHNICAL SPECIFICATION

MODEL	IPTV-Tuner		
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		
Multi-Mode Tuners Switchable	DVB-C	Tuner Sections	
		Frequency In: 60~890MHz	
		Standard: J.83A(DVB-C), J.83B, J.83C	
Version 1	DVB-T(T)	Constellation: 16/32/64/128/256 QAM	
		Frequency: In 60~890MHz	
	DVB-S	Bandwidth: 6/7/8 M bandwidth	
		Frequency: In 950-2150MHz	
DVB-S2	Symbol rate: 1~45 Msps		
	FEC: 1/2, 2/3, 3/4, 5/6, 7/8		
	Constellation: QPSK		
BISS Descrambling	DVB-S2	Frequency In 950-2150MHz	
		Symbol rate 1~45 Msps	
		FEC: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10	
Output	DVB-S2	Constellation: QPSK, 8PSK	
		Mode 1, Mode E (Up to 850Mbps) (descramble individual program)	
System	DVB-S2	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 protocol through GE1 and GE2 port, Unicast and Multicast	
		Web-based management	
Miscellaneous	DVB-S2	Ethernet software upgrade	
Dimensions	482mm×410mm×44mm (W×L×H)		
Approx Weight	3.6kg		
Environment	DVB-S2	Work: 0~45°C	
		Storage: -20~80°C	

TECHNICAL SPECIFICATION

Power Requirements	100~240VAC, 50/60Hz		
Power Consumption	20W		
Version 2	DVB-S	Frequency In: 950~2150MHz	
		Symbol rate: 0.5~45MSPS	
		Signal Strength: -65~-25dBm	
		FEC: 1/2, 2/3, 3/4, 5/6, 7/8	
		Constellation: QPSK	
	DVB-S2	Max input bitrate ≤125 Mbps	
		Frequency: In 950~2150MHz	
		Symbol rate: QPSK/8PSK /16APSK: 0.5~45 MSPS 32APSK: 0.5~34MSPS	
		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	
Version 2	DVB-S2X	Max input bitrate: ≤125 Mbps	
		Frequency In 950~2150MH	
		Symbol rate: QPSK/8PSK /16APSK :0.5~45 MSPS 8APSK: 0.5~40MSPS 32APSK: 0.5~34MSPS	
		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	
	ATSC	ATSC	Max input bitrate: ≤125 Mbps
			Frequency In: 54~858MHz
			Bandwidth: 6M bandwidth Constellation: 8VSB

CONNECTION DIAGRAM

