

Product Profile



TIPS1218S Professional Multi-channel Tuners to IP Gateway that Integrates Our Professional Satellite QPSK(DVB-S/DVB-S2), Cable(DVB-C) Based RF Receivers and De-encapsulates and Routes Any or All Selected Transport Streams via IP Output Port by SPTS/MPTS channels, without re-multiplexing and scrambling of multiple transport streams.

The TIPS1218S enables an all-IP headend architecture, resulting in a more scalable and lower-cost transition to IP-based services.

It will be a ideal equipment for the IPTV network head and deliver the SPTS channels to next equipment which the transcoder and IPTV server,can much save the cost in your investment.

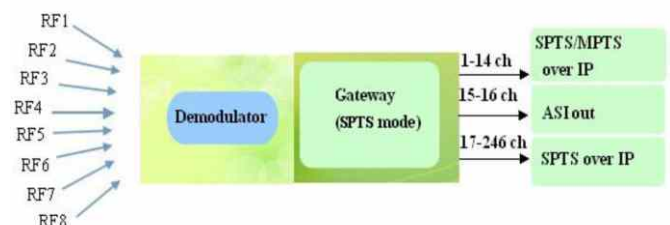
Highlights

- Up to 8 channels FTA Tuners per chassis
- Professional Satellite QPSK, 8PSK (DVB-S/DVB-S2), DVB-C RF Receivers.
- Up to 244 SPTS-over-IP in SPTS mode
- Support BISS function
- De-encapsulates and Routes Any or All Selected Transport Streams outputs
- Data stream Protocol of UDP, RTP
- PID filtering, mapping and pass through
- Easy-to-Use System Management
- Output data rate range: GbE IP:1 ~ 800Mbps/ASI: 1-100Mbps
- Management via WEB and local front panel
- Integrated, compact 1-RU platform saves rack space and reduces operating costs



Main Application

- All-IP/IPTV headend solution
- Digital Satellite,Cable to IP gateway



Technical Specifications

Tuner input

DVB-S/S2 RF In

- Comply to DVB-S/S2, DVB / DSS standard
- Input frequency range: 950 ~ 2150MHz
- Input level: -25 ~ -65dBm
- Connector: F-female type, 75ohm
- Symbol rate: 2 ~ 45Msps for QPSK; 2 ~ 45Msps for 8PSK
- Rolling off factory: 0.35 for PSK; 0.35, 0.25, 0.2 for 8psk
- Convolution encoding Rates: DVB-S QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 8/10 ; DVB-S2 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10
- 8 channels RF inputs and loop out

DVB-C RF In

- Demodulation : 16/32/64/128/256 QAM
- Bandwidth : 6MHz、7MHz、8MHz
- Input Frequency : 30 ~ 860MHz
- Input level: -20 ~ 20dBmV
- Connector: F-female, 75 ohm
- 8 channels RF inputs and loop out

ASI output

- 2x independent ASI output, BNC, impedance: 75Ω
- comply to EN50083-9, ASI standard
- 188 bytes per packet Bitrate: ≤100mbps

MPEG-TS OVER IP Output

- 1000M base-T, Full Duplex
- Bit rate: ≤800Mbps
- Data Protocol: UDP/RTP, Multicast/Unicast Both MPTS/SPTS Mode
- Stream number.
- 1~14 (MPTS mode)
- 15~244 (SPTS mode)
- 7x188 bytes per udp packet

Control

- 100M Base-T Ethernet, RJ45, WEB((IE 8.0 or above)
- 6 keys: UP, DOWN, LEFT, RIGHT, ENTER, ESC
- Front-Panel LCD configuration, LED indicate light

Environment

- Rated voltage: AC 90-260V 50/60Hz
- Rated power: 50W
- Working Temperature: -10 ~ 50°C
- Storage Temperature: -10 ~ 75°C
- Size: L: 460mm, W: 483mm, H: 44mm(1RU)
- Weight: 6kg

