

Product Profile



TIPS1340 is a high-integration and low cost professional satellite/cable receiver Which 4x RF,ASI,IP to GbE IP down-converter and de-encapsulates and Routes All Selected Transport Streams With an advanced and dense multi-channel descrambler,The output is available on up to 4x separate IP address, Ports and 4x different ASI.

Easy to use The TIPS1340 can operate simplifies the migration to an all-IP headend solution, supports a rich set of input options, ranging from multiple DVB-S/S2,IP,ASI to IP and DVB-ASI

It will be a ideal equipment for the DTV network head and edge of DTV backbone network, which can much save the cost in your investment.

Highlights

- Up to 4 Channels in/output per chassis
- Professional Satellite QPSK,8PSK(DVB-S/DVB-S2), DVB-C Based RF Receivers
- Four CI interfaces which comply with EN 50221 standard to support multiple main CA
- Up to 4 channels RF inputs
- Up to 4 channels Separate IP,ASI inputs
- 4x separate MPEG-TS-over-IP outputs
- 4x indenpentASI outputs
- Data stream Protocol of UDP,ARP, ICMP and IGMP
- PID filtering, mapping and passt through
- PCR correction
- 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 headend solution.
- Digital Satellite,Cable Descrambling to IP,ASI stream out.
- IP Inputs descrambling to IP,ASI stream out.
- ASI Inputs descrambling to IP,ASI stream out.

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 (Descrambled without CAM card) 72Mbps (Descrambled with CAM card)

MPEG-TS OVER IP Output

- 1000M base-T, Full Duplex
- Bit rate: ≤800Mbps
- Data Protocol: UDP/RTP, Multicast/Unicast
- **Up to 4x separate IP address and Ports**,
- 7x188 bytes per udp packet

CAM module

- Interface Number: 4
- Maximum input bit rate for each module : 72Mbps

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

Order Information

TIPS1340C: DVB-C TS Descramble to IP/ASI Gateway

TIPS1340S: DVB-S2 TS Descramble to IP/ASI Gateway