

GASI1000 ASI to IP Converter

GASI1000 is a high performance encapsulator between TS and IP, converting 4 ASI inputs to IP Output and IP Input to 4 ASI outputs. The IP optical interface is also available upon request. GASI1000 can be configured in either transmitting or receiving mode and enables multiple ASIs be carried over GigE network. At the receive end, GASI1000 can convert the IP back to ASI stream and de-multiplex it into several SPTSs or MPTSs. GASI1000 offers a cost effective bridge between MPEG-II TS and Gigabit Ethernet Network.



Features

- | 19" 1RU chassis and front panel parameter selection
- | Bi-Directional conversion between MPEG-II TS and Gigabit IP
- | PCR correction and bit stuffing
- | Static PID filtering

Specifications

ASI Port Number	4 Input Ports and 4 Output Ports
ASI Connector	BNC
ASI Impedance	75 Ω
ASI Packet format	188 or 204 byte packets
ASI Data Range	100Kb/s~200Mb/s
Jitter control	PCR jitter as low as +/- 100ns
Clock recovery	Clock frequency on receiver locked over Ethernet link to clock frequency on transmitter
Transport	Unicast / Multicast
Low, predictable, tunable latency	Adjustable from 900 microseconds to 236 milliseconds at maximum rate (213.7Mbit/s) and from 240 milliseconds to 72 seconds at minimum rate (100Kbit/s) (DVB-ASI)
Network transmission	Steady and consistent packet transmission rate
Protocol delay	Un-test

Control

- Front panel and keypad: system configuration and alarm display
- SNMP remote control

Physical

- Dimensions: 483 ×350 ×44 (mm)
- Weight: 6Kg
- Power Supply: 100~240V AC 50/60Hz
- Power Consumption: 15W Maximum

Environmental

- Operating temperature: 0°C to 45°C
- Relative humidity: 10~90% (Non-condensing)

Ordering Information:

GASI1000-XY MPEG-II ASI to STM-1 Converter

XY(Fiber Distance): None_Electrical Ethernet only; 60_60Km Fiber Distance