

## GASI045 ASI to E3/DS3 Converter

GASI045 is a high performance ASI to E3/DS3 adapter, converting 4 ASI inputs to 1 E3/DS3 and 1 E3/DS3 Input to 4 ASI outputs. GASI045 offers a cost effective bridge between digital TV Headend MPEG-II TS and SONET/SDH Network.



### Features

- | 19" 1RU chassis and front panel parameter selection
- | E3/DS3 Complied with ITU-T G.703
- | Supporting Framing in accordance with G.832/G.751 (E3) or G804/G.752 (DS3)
- | Supporting prevailing Digital TV Headend protocols
- | Bi-Directional conversion between MPEG-II TS and E3/DS3
- | 4 channels ASI TS simple mux and demux
- | Built-in Clock Recovery
- | Supports FEC, RS
- | ASI TS Spread/Burst mode Auto Negotiation
- | PCR correction and bit stuffing
- | Static PID filtering



### Specifications

- ASI Number of inputs/outputs: 4
- ASI Connector: BNC     ASI Impedance: 75  $\Omega$
- ASI Packet format: 188 or 204 byte packets
- E3/DS3 Rx /Tx Connector: BNC     E3/DS3 Impedance: 75  $\Omega$
- E3/DS3 Format: unframed or framed
- E3/DS3 Interface type: E3 (34.368Mbit/s) or DS3 (44.736Mbit/s) in accordance with G.703

### 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: 11.0W Maximum

### Environmental

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

### Ordering Information:

**GASI045 MPEG-II ASI to E3/DS3 Converter**