

Galaxy 1200S

E1/T1 to LAN Gateway



Galaxy 1200S is a broadband gateway which converts electrical and protocol conversion between data from Fractional E1/T1 to Ethernet 10/100 BaseT interface with different E1/T1 configurations. **Galaxy 1200S** supports E1/T1 transparent and framed modes with different line codes plus line build-out (LBO) capability.

FEATURES

- ▶ **Support Fractional E1/T1 Transparent and Framed modes**
- ▶ **Bridge capabilities for Ethernet 10/100 BaseT interface**
- ▶ **6 LEDs for status monitoring**
- ▶ **DIP switches for configurations /settings**

SPECIFICATIONS

- ▶ **T1 Interface**
 - Line Interface : ANSI T1.403
 - Line Rate : 1.544 Mbps +/- 32ppm
 - Line Code : AMI, B8ZS
 - Frame Format : ESF, SF, and Unframed
 - Line Impedance : 100 ohms
 - Connectors : RJ-48C

- ▶ **E1 Interface**

- Line Interface : ITU-T G.703, G.704 / ETSI ETR 152 standard
- Line Rate : 2.048 Mbps +/- 50ppm
- Line Code : HDB3, AMI
- Frame Format : Framed, Unframed
- Line Impedance : 75/120 ohms
- Connectors : RJ-48C , BNC

- ▶ **LAN Interface**

- Auto-Detection for 10/100 BaseT and Half/Full duplex
- Fully compatible with IEEE802.3/IEEE802.3U
- Automatic MDIX function

- ▶ **Status LED**

- POWER : G 1200S power ready
- E1 : E1 interface status
- T1 : T1 interface status
- LOS : Signal loss indicator on E1/T1 interface
- 10/100M : LAN port Speed
- LAN : LAN port Link & Data transport status

- ▶ **Configurations**

- DIP-switches for easy settings / configurations

- ▶ **Power**

- Desktop : 110/220VAC & -48VDC

- ▶ **Operating Environment**

- Humidity : 5% to 95% non-condensing
- Temperature : 0 to 50 degrees C

- ▶ **Dimension**

- Desktop : 260 x 150 x 43(mm)