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## ➤ Protocol Converter



### SGCONO2 Protocol Converter

**SG CONO2** Protocol Converter is a conversion device that can realize the conversion from E1 interface to 10Base-T or 10Base-2 interface. Provides 2048Kbit/s data transmission channel for line concentrator or exchanger to combine two LANs into one LANs via transmission apparatus (such as optical transmitter/receiver and so on) and use same IP address. Supports automatic learning MAC address function. Filtrate data package via address list and be transparent in TCP/IP protocol.

#### Product Feature

- Adopts large-scale integrate chip, brief circuit, low power consumption and high reliability structure
- Offers one channel E1 port and Automatically adapt to 75ohm & 120ohm Impedance
- Master clock, incept resume clock optional
- Provides powerful network management functions
- Possess complete alarm and status indication function
- Adopts manifold power supply: -48V DC or 220V AC

#### Technologies reference

- Interface type: E1、10Base-T or 10Base-2
- Bit rate: 2048KBIT/S±50ppm
- Transmission side rate: 2048Kbit/S
- User side rate: 10Mbit/S
- E1 impedance: 75ohm(unbalance)/120ohm(balance)
- Clock type: master clock, slave clock optional
- Power

Voltage: 180V~240V AC, -36V~-72V DC

Power consumption: <5W

- Working environment:

Operating temperature: 0℃~50℃

Storage temperature: -40℃~70℃

Environment humidity: 5~90%(non-condensing)

Atmospheric pressure: 86~106KPA

- Dimension: 200mm×140mm×35mm

- Indicator:

PWR: Power Indicator

LINK: Ethernet Connection Indicator

WTX: WAN Send Date Indicator

WRX: WAN Receive Date Indicator

LTX: LAN Send Date Indicator

LRX: LAN Receive Date Indicator

LOS: E1 Signal Indicator

COL: LAN Signal Indicator

ERR: Wrong Code Indicator