E485

**Features**
1. Convert RS-485/422 interface to E1(2M unframed G.703) interface
2. Support line recovery clock, local clock and equipment clock
3. Support E1 port loop
4. E1 (G.703) interface support 120ohm (RJ-45) and 75ohm (BNC double coaxial)

**Introduction**
E485 interface converter supports the conversion between E1 interface which accord with the ITU-T G.703 standard and RS-485/422 interface, it can receive synchronous data of 2.048Mbps from E1 network, and transmit the data to ROUTER or other devices. The mode of interface is DCE, and it can be connected with DTE or DCE devices.

**Specification**
- **E1 interface**
  - Standard: Comply with ITU-T G.703
  - Output tingle place: accord ITU-TG.735 advice
  - Input tingle limit: accord ITU-TG.823 advice
  - Output tingle: accord ITU-T G.823 advice
  - Frame format: unframed
  - Interface rate: 2.048Mbps±50ppm
  - CRC checkout: no
  - Port coding: HDB3
  - Port transmission: 2KM
  - Port protection: 1500W surge protection, 15KV ESD protection
  - Port connector: 120 Ohm(RJ-45) and 75 ohm(BNC double coaxial)

- **RS-485/422 port**
  - Standards Compliance: EIA RS-485, RS-422
  - Connector: DB25 female
  - Signal: RS-485:RX+, RX-, GND
  - RS-422:TXD+, TXD-, RXD+, RXD-, GND

- **Baud Rate:** 0~115.2Kbps
- **Work mode:** DCE
- **Synchronous serial, lucency transmission**
- **600W surge protection, 15KV ESD protection**
- **Environment, Power and Dimension**
  - Working temperature: -25 to 70°C
  - Storage temperature: -40 to 85°C
  - Humidity: Relative humidity 5% to 95%
  - Input power: 220VAC or -48VDC
  - Consumption: 2W
  - Power protection: From high voltage/short circuit
  - L×W×H: 227.4mm×146.5mm×42.7mm
  - Shell: Plastic
  - Weight: 260g

- **Warranty:** 5 years
- **Approvals:** FCC, CE, RoHS approvals

**Packing List**
1. E485 Converter ×1
2. 220V power line ×1
3. DB25 male to DB9 female cable ×1
4. User manual ×1