



## 8E1 TO 10/100 BASE – T PROTOCOL CONVERTER MODEL: TPC 3180



### INTRODUCTION

Telenet's TPC 3180 Protocol converter is the most newly promoted Network Bridge that can convert 1-8E1 to 100Base-T or 10Base-T Ethernet, and vice versa. This protocol converter can extend the bandwidth to 16.384Mbps. It not only provide completed indicators to show the status and alarm messages of the E1 line and Ethernet port, but also support BER Stat. of E1 and flow Stat. of Ethernet port. It is widely used in two LAN connecting, remote monitor and video broadcasting

### FEATURES

- Compatible with ITU-T G703, G704 and G823
- Support 10Base-T, 100Base-TX protocol
- 1024 pieces of MAC address list and with address filter function
- Enable any group of CH1-CH8 E1 channel to transmit the data at will
- Extend the bandwidth to 16.384Mbps when using 4E1 channels
- Support auto-inspection of effective E1 channel without interruption of data transfer.
- Automatically cut off the E1Channel when it has LOS and AIS alarm, and inform the remote end simultaneously.
- Support remote E1 Loop function
- 75ohm unbalanced E1 channel impedance
- RS232 port for management, one software can manage up to 256 pieces of device
- Internal power supply, AC160V-260V or DC –48V optional

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## **SPECIFICATION**

### **E1 PORT**

- Bit rate: 2.048Mb
- Line code: HDB3
- Standard: in accordance with ITU-T G.703, G.704
- Connector: BNC connector, line impedance 75ohm
- Number of E1: 8
- Jitter Performance: compatible with G.742 and G.82

### **ETHERNET PORT**

- Data Rate: 10/100Mbps
- Standard: Compatible with IEEE802.3
- Connector: RJ45
- Number of Ports:1 port
- Auto-negotiation with half/full duplex

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