

4E1 TO 10/100 BASE – T PROTOCOL CONVERTER

MODEL: TPC 3140



INTRODUCTION

Telenet's TPC 3140 is a Network Bridge that can convert 1-4E1 to 10Base-T Ethernet, and vice versa. This protocol converter could support 1-4E1 to Ethernet, which extend the bandwidth to 7.68Mbps. It is widely used in two LAN connecting, remote monitor and video broadcasting.

FEATURES

- Fully compatible with IEEE802.3, ITU-T G703, G704 and G823
- Support 10Base-T, 100Base-TX protocol
- Support VLAN & IEEE802.1q packets
- Enable any group of CH1-CH4 E1 channel to transmit the data at will
- Extend the bandwidth to 7.68Mbps 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
- 75/120 ohm Optional of E1 channel impedance
- Internal power supply, overall power consumption<3w, AC160V-260V or DC -48V optional

Telenet Systems Pvt. Ltd.

2, Mani Bhuvan, Cama Road, Ghatkopar, Mumbai 400 086, Maharashtra, INDIA

T: +91.22.25138325 / 25158374 F: +91.22.25104911 E: info@telenetsystems.com W: www.telenetsystems.com

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: 4
- 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
- Dimension: 440mm (W) *160mm (D)*44mm (H)

Telenet Systems Pvt. Ltd.

2, Mani Bhuvan, Cama Road, Ghatkopar, Mumbai 400 086, Maharashtra, INDIA

T: +91.22.25138325 / 25158374 F: +91.22.25104911 E: info@telenetsystems.com W: www.telenetsystems.com