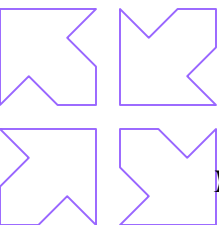## V.35 to Ethernet Converter

TD -CNV-V35-ETH

Product Overview

Techroutes TD CNVV35-ETH: Ethernet to V.35 protocol converter (interface converter) using large scale FPGA design, providing a DTE / DCE V.35 interface and Ethernet interface, can achieve 10 / 100Base-T Ethernet data E1 transmission on the channel, is a high performance, self-learning Ethernet bridge. The device serves as an extension of Ethernet device using V.35 channel on existing network in order to achieve a lower cost Ethernet connectivity at both ends. Built in loop test capabilities to facilitate the testing and implementation.

- Based on self -copyright IC , high software content (kernel chip based on software)
- V.35 interface provide DTE and DCE type: DTE rate is 0 to 10M, DCE rate is n x 64k(N=1 to 32)
- Provide 2 loop functions: local V.35 loop, local 10 Base-T loop.
- Have pseudo random code test function, easy the installation and maintenance.
- Power supply option: AC220V, DC-48V. The positive and negative terminal can be exchanged for DC-48V, easy for installation
- Deliver Ethernet over V.35 line

Ethernet Interface

Interface rate:	10/100 Mbps, half/full duplex auto-negotiation
Interface Standard:	Compatible with IEEE 802.3, IEEE 802.1Q (VLAN)
MAC Address Capability	4096
Connector	RJ45, support Auto-MDIX

Your Route to The Destination

V.35 interface

Interface rate: n*64Kbps (up to 2048Kbps)
Interface Standard: Compatible with V.35 Standard
Connector: M34/DB25
Connect Mode: DTE/DCE
Clock Type: G.703 restored clock, Internal clock

Power

DC: -48V (-36 to -72V); + 24 V (Optional)
AC: 90 to 260 VAC ; 47 ~ 63Hz
Power Interface: DC power terminal/AC socket
Power Consumption: ≤10W

Working environment

Working temperature: -10°C ~ 50°C
Working Humidity: 5%~95 % (no condensation)
Storage temperature: -40°C ~ 80°C
Storage Humidity: 5%~95 % (no condensation)

Order Information

Model	Description
TD-CNV-V35-ETH- AC	1 *V.35 port, 1 Fast Ethernet interface, AC power
TD-CNV-V35-ETH- DC	1 *V.35 port, 1 Fast Ethernet interface, DC power