TD CNV-V35-1E

Overview

TD CNV-V.35-1E Series gives the interface conversion between G.703 E1 and V.35. This device provides an economical digital access solution for E1 and Fractional E1 network services. With a adapter cable, the Device can link to other DTE Device, such as router, at data rates of 64Kbps to 2048Kbps. User data is placed into the E1 frame, using only the required number of timeslots. Timeslot assignment is accomplished according to the Data Port speed and manual setting of DIP switches. The main E1 link may be clocked from the recovered receive clock, from the Data Port clock, or from an internal oscillator.
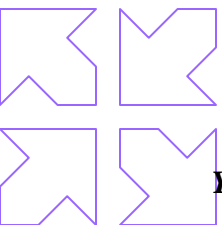
- **Key features**
  - Interface conversion between E1 and V.35
  - Support ITU-T V.35, G.703, G.704, G.823
  - Standalone and chassis module available, support hot-swap
  - Framed (N*64Kbps) and unframed (2.048Mbps) optional, support continuous and discontinuous timeslots setting
  - Frame mode support PCM30/ PCM31
  - CRC/non-CRC auto-negotiation on E1 interface
  - Support remote bandwidth control, and remote loop back under framed mode.
  - Support internal clock, E1 recovery clock or V.35 line clock
  - Provide local, diagnostic and remote loop back test.
  - For E1 interface, 75 ohm (unbalanced) and 120 ohm (balanced) available and auto-negotiation.
  - For V.35 interface, DCE and DTE mode are optional
  - Comprehensive LED indicators on front panel, convenient for the diagnosis of equipment working state
  - － 48VDC＆ 220VAC power supply selectable

Specifications

E1 interface
Data rate: N×64Kbps, N=1~32
Code type: HDB3
Compliant with G.703, G.704, G.823
75Ω/ 120Ω Optional
BNC(75Ω) / RJ45(120Ω
Framed / Unframed optional

V.35 Interface
Data rate: N×64Kbps, N=1~32
Connector: DB25 female jack
DTE/DCE optional

LED
PWR, TEST, LOOP, PTOK, ELOS, AIS, CV,
VLINK, RXD, TXD

DIP Switch
Remote / Local / Diagnostics LOOP, V.35 Timing,
Test Mode, Remote Timeslot Follow, E1 Timing
Mode, 32 timeslots setting

Size

*Standalone*252（W）×136（D）×40（H）mm
Chassis: 19'（W）× 340mm（D）× 4U（H）

Power
INPUT: AC Power: 100V-240V, 0.4-0.2A, 50-60 Hz
DC Power: -48V, 0.4A
Power :<2W for each standalone or module

Environment
Operation
Temperature: 0℃～50℃;
Humidity: 0%～90%(non-condensed)
Air pressure: 86kPa～106 kPa.

Transport and store
Temperature: -20℃～60℃;
Humidity: 0%～90%(non-condensed)
Air pressure: 86kPa～106 kPa.

Order Information

Model	Part No	Description
CNV E1-V.35 -AC	F4-56A	Standalone Device, 220VAC Power input
CNV E1-V.35 - DC	F4-56D	Standalone Device, -48VDC Power input
CNV E1-V.35 – M	F4-56M	Module Card
CNV RACK	FC-416	16 Slots Chassis