

E1 to V.35 Converter (PC-E1V35)



GENERAL INFORMATION

E1-v.35 convertor provide conversion between ITU-T G.703 standard E1 interface and standard V.35 interface, can receive synchronous 2.048 Mbps data, transfer it to router, DDN, multiplexer or other devices.

Provide safe and seamless connection between different devices with different interfaces.

Used widely in connecting WAN and LAN, video monitor data interface is DCE, connect with DTE or DCE

PRODUCT CHARACTER

- (1) Based on self –copyright IC, main chip self-copyright.
- (2) Match ITU-T V.35, G.703, G.704 Standard.
- (3) Provide E1 interface option: 75 Ohm unbalance and 120 Ohm balance.
- (4) V.35 support hot plug.
- (5) V.35 interface have multi clock and timing for option.
- (6) Provide 4 clock types: E1 master V.35/V.24 external or internal, E1 slave V.35/V.24 external or internal.
- (7) V.35/V.24 interface can connected with other DCE equipments.
- (8) provide 3 loop functions: E1 local loop, V.35 local loop, order remote V.35 loop (unframing device haven't this function).
- (9) Power supply option: AC220V, DC-48V, +24V. The positive and negative terminal can be exchanged for DC-48V, +24V, easy for installation and maintenance.
- (10) Have pseudo random code test function, easy the installation and maintenance.
- (11) Working clock can support inter-clock, exter-clock, and line clock.

TECHNICAL SPECIFICATION

Item	Feature
E1 interface	interface standard: according with G.703 Interface Rate: 2.048Mbit/s \pm 50ppm Jitter tolerance : according with G.742 and G.823 transmission capability: 1*E1 clock : inter-clock, line-clock connector BNC (75 Ω , RJ45 (120 Ω) E1 Impedance 75 Ω (unbalance), 120 Ω (balance).
V.35 interface	Interface Rate: n*64Kbps, n=1~31. Interface character: match V.35. Connector: DB25 (female). Interface type: DCE. *Clock: G.703 resume clock, internal clock.
Working environment	power supply: AC220V; AC 110V; DC -48V; DC +24V power consumption \leq 5W working temperature: 0°C ~ 50°C storage temperature: -40°C ~ +70°C humidity: 95 %