4 channel voice E1 PCM Mux (Desktop Type)

➢ Features

- Support 4 channel voice E1 PCM Mux (Desktop Type);
- Based on self -copyright IC;
- Can monitor the remote alarm status;
- E1 interface comply with G.703, adopts digital clock recovery and smooth phase-lock technology;
- Voice port supports FXO and FXS port, 2/4 wire audio interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;
- 1~4Channel voice access, supports caller ID feature and reverse polarity billing functions;
- Support each sites mutual number allocation function;
- Can detect the end device is power-off or E1 line is broken when the lose signal, through the LED indicates alarm;
- Multiple power mode options: AC220V, DC-48V / DC24V and so on.;
- Telephone interface with lightning protection, lightning reached GB/T17626.5 (IEC61000-4-5),Short circuit current wave 8/20μs,open-peak output voltage 6KV standards;
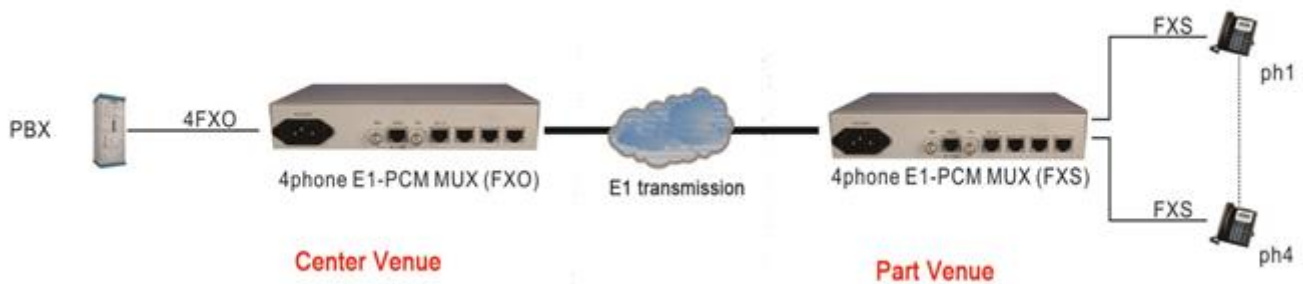
➢ Introduction

E1-MUX04 This Desktop type equipment provides 1~4channel voice outputs, support 4U rack plug-in. The electricity part is full digital circuit. The superiority of this product is reliable work and stable with high integration and lower energy consumption. Small size for easy install and maintenance. Most clients of telecom operators rent E1 line for ethernet networking, while this equipment could supply more telephone lines on E1 and free call between head office and branch.

Specification

FXS Phone Interface	
Ring voltage	75V
Ring frequency	25HZ
Two-line Impedance	600 Ohm (pick up)
Return loss	40 dB
FXO Switch Interface	
Ring detect voltage	35V
Ring detection frequency	17HZ-60HZ
Two-line Impedance	600m
Return loss	40 dB
E1 Interface	
Interface Standard	comply with protocol G.703;
Interface Rate	2048Kbps±50ppm
Interface Code	HDB3;
E1 Impedance	75Ω (unbalance), 120Ω (balance);
Jitter tolerance	In accord with protocol G.742 and G.823
Allowed Attenuation	0~6dBm
2/4 wire Audio Interface	
AD gain	0db
DA gain	-3.5dB
line Impedance	600 Ohm (pick up)
Return loss	20 db
Other	
Power supply	AC180V ~ 260V; DC-48V; DC +24V
Power consumption	≤10W
Dimension	216 mm(W)×140mm(D)×31mm(H)
Weight	1Kg
Operating temperature	-10°C ~ 50°C
Storage temperature	-40°C ~ 80°C
Humidity	5% ~ 98% (no condensation)
Warranty	3years

➤ Connection

➤ Ordering Information

Model NO.	Description
E1-MUX04	4 Voice POTS over E1,voice support FXS or FXO, power AC220V or DC48V
E1-MUX08	8 Voice POTS over E1,voice support FXS or FXO, power AC220V or DC48V
E1-MUX16	16 Voice POTS over E1,voice support FXS or FXO, power AC220V or DC48V
E1-MUX30	30 Voice POTS over E1,voice support FXS or FXO, power AC220V or DC48V

➤ Packing List

- Voice Over E1 PCM Mux *1
- User manual * 1
- Certificate of quality * 1
- Warranty card * 1