



This device provides 1~16channel 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.

## ◆ 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: 600 Ohm (pick up)  
 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 : 0db  
 line Impedance: 600 Ohm (pick up)  
 Return loss: 20 db

## ◆ Power

Power supply: AC180V ~ 260V ; DC -48V ; DC +24V  
 Power consumption: ≤10W

## Features:

- 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, Magnet phone,FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone
- 1~16Channel 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
- Support 4U 17slots rack plug-in,rack type can realize SNMP function..
- Multiple power mode options: AC220V, DC-48V / DC24V and so on.
- Telephone interface with lightning protection, lightning reached IEC61000-4-5,Short circuit current wave 8/20μs,open-peak output voltage 6KV standards

## 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)

Functional Description	16*POTS (FXO/FXS/2 wire Vioce) E1 Mux, Desktop Type
Port Description	One E1 interface ; 16*FXO/FXS Interface
Power	Power supply: AC180V ~ 260V; DC -48V; DC +24V  Power consumption: ≤10W
Dimension	Product Size: Desktop Type 216X140X42mm(WXDXH)
Weight	Desktop Type 1.25KG

