

16 POTs over Ethernet IP | analog telephone over ethernet extender

Overview

The 16 POTs over Ethernet IP converter encapsulates the voice data in the IP packet, supports the UDP packet mode, realizes the 1-16 voice telephone analog over ethernet extender. The POTs over Ethernet IP converter can work in the same network segment or through the router to achieve different network segment communication.

Photo



Features

- High transmit efficiency, low transmit delay.
- Provide Console(CLI)/WEB management interface, easy to install and open;
- Voice port to support FXO/FXS/2-4 Wire E&M / 2-4 wire Audio/Magnet phone interface, FXO port plug into PBX, FXS port is connected to the user's telephone;
- Voice FXO / FXS interface, support for caller ID / reverse polarity billing / fax function;
- Both sides of the device support FXO+ FXS hybrid access;
- Ethernet interface rate of 10M / 100M, full duplex / half duplex adaptive;
- Support power failure or automatic network recovery;
- Support Ethernet packet out-of-order recovery and cache to anti-network delay;
- Adjustable frame length to balance bandwidth and transmission delay;
- Based on hardware design, start fast;

- DC-48V / DC24V power supply with polarity automatic detection function; installation does not need to distinguish between positive and negative;

Parameters

◆ Ethernet interface(10/100M)

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

◆ 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

◆ EM 2/4 Line

AD: 0dB
 DA: 0dB
 Two/Four-line Impedance: 600 Ohm
 Return loss: 20 dB

◆ 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)

Specifications

Model	BD-IP-MUX16
Functional Description	16 channel analog POTs Voice over Ethernet, Internal power AC220V/DC48V/DC24V can be optional

Power	Power supply: AC180V ~ 260V ; DC -48V ; DC + 24V Power consumption: ≤20W
Dimension	Product Size: 19inch 485mmx200mmx45mm(WxDxH)
Weight	2.4KG

Application

