360 POTS Phone over Fiber multiplexer

360 POTS (FXO/FXS) over Fiber multiplexer is a kind of point-to-point fiber transmission device. It could support 360POTS (FXO/FXS), 1~4 100M Ethernet transmit over one fiber. SNMP management.

INFORMATION

Overview

360 POTS (FXO/FXS) over Fiber multiplexer is a kind of point-to-point fiber transmission device. It could support **360 phone lines POTS (FXO/FXS), 1~4 100M Ethernet** transmit over one Optical cable. the transmit distance can arrive at 2km,20km,40km,60km,80km,120km. It has been made up of 12 unit business card of 30 POTS(FXO/FXS) and 1 central management card,2 power card . This 360 POTS (FXO/FXS) over Fiber multiplexer has complete alarm function, low consumption, stable performance and convenient usage.

Feature

- ➢ 19" rackmout ,9U high chassis and easy for installation
- ➢ Can control the remote alarm status for option
- ➢ Ethernet is 10M/100M，full/half duplex adaptive, support VLAN；(optional)
- ➢ Network management for option
- ➢ ETH support Auto-MDIX；
- ➢ 1-360 channels phone, support call indication；
- ➢ Support each site puts the number to each other;
- ➢ Audio ports support FXO and FXS，FXO connected with switches，FXS with users' phone；
- ➢ Can distinguish the opposite device is shut down or fiber not connected well 【Network management function】;
- ➢ User can become conscious of the temperature and voltage of the local device【Network management function】
- ➢ User can also become conscious of the temperature and voltage of the remote device , and can set the alarm threshold of the remote device temperature;【Network management function】
- ➢ Two power supply card support redundant for option

Optical interface

Optical wavelength: single mode 1310nm/1550nm

Fiber: single fiber or double fiber for option

Transmitting consumption: -9dBm/-5dBm

Transmission range: 0-50Km/120Km for option

Optical interface: SC/FC

Receiving and dispatching module: >-6dBm

Optical receiver receiving sensitivity <-36 dBm (BER<10-11)

Fiber circuit code: NRZ code

FXS:

Alarm voltage: 75V

Alarmf requency: 25HZ

2 line input impedance: 600Ω (hanging off)

Wastage: 40db

FXO:

Alarm detecting voltage: 35V

Alarm detecting frequency: 17HZ-60HZ

2 line input impedance: 600Ω (hanging off)

Wastage: 40db

10/100Base-T Ethernet Interface

Rate: 10/100M, full/duplex auto-negotiation

Protocol: Support IEEE 802.3, IEEE 802.1Q (VLAN)

MAC Address Entiries: 4096 Entiries

Total Memory Sizes: 64MBits SDRAM

Physical interface: RJ45, support AUTO-MDIX

E1 Interface

Interface standard: Conforms to G.703 standard

Interface rate: N×64Kbps, N:1～32

Vibration characteristic: Satisfies G.742 and G.823 standard

Transmission capacity: 1*E1

Clock type: internal-clock, route clock

Connecter: BNC (75 Ω), RJ45 (120 Ω)

Interface impedance: 75Ω (non- balanced), 120Ω (balanced)

Power supply

Working voltage range wide, good

anti-disturb and Isolation, work stable

Option I – DC-48V,range DC-36V~DC-72C

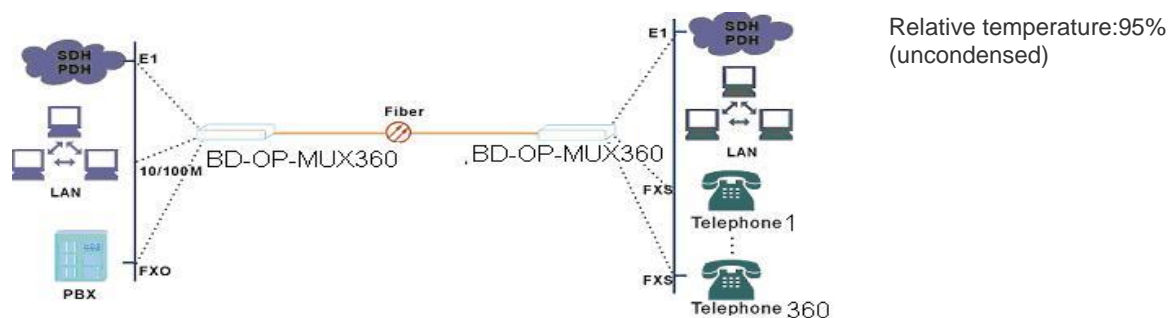Option II – AC220V,range AC165V~AC240V

Power Consumption: <=3 Watts

Environment condition

Operating temperature: 0C~+50 C

Storage temperature: -20 C~+70 C

Relative temperature:95% (uncondensed)

Ordering information

BD-OP-MUX360/CH	360 Voice fiber multiplexer rack mount chassis,12 Slots for 30voice fiber mux card,2slots for power,1slot for management card,9U,19inch,Dual power DC48V	