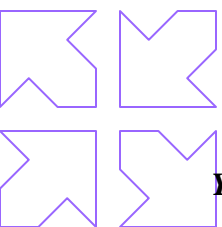## TD-E1-16*FXS-FXO-MUX

Functions

TD-E1-16*FXS-FXO-MUX offer 16 Voice POTS (FXO/FXS) over E1/G.703 multiplexer provides conversion between ITU-T G.703 standard E1 framed interface and 4 fast ethernet+1~16 voice POTS FXO/FXS interface, can through E1 channel provide 1-16 voice, realize the long-distance extend of telephone line through E1 channel. It also provides one RS232 data channel.The16 voice POTS FXO/FXS over E1 multiplexer can automatically connected to the LAN with its uninterrupted learning the MAC address and the address as another purpose of the frame relay LAN. The 16voice and Ethernet to E1 interface converters widely used for LAN and Wan networking, control, and so on, and particularly applicable to the network users to the network users with a single E1 channel access data and voice at the same time.

Features

- Realizes long-distance monitoring of local device to the remote device based on self-copyright IC;
- Provides two clock types: E1 master clock, E1 line clock;
- Support SNMP for option
- Realize the automatically rate set of local device to remote device
- has the function of pseudo-random code testing, convenient for opening of the circuit, and can be used as an error code instrument;
- E1 supports 75Ω unbalanced and 120Ω balanced impedance at the same time;
- Provides 16 voice channels, support calling indication
- Voice port supports O port and S port, O port connects switch and S port connects user's phone;
- Support AC+DC built-in for option

E1 interface

Interface standard: Conforms to G.703 standard
Interface rate: 2048kbps
Code: HDB3
Interface impedance: 75Ω (unbalanced), 120Ω (balanced)
Connecter: BNC (75 Ω), RJ45 (120 Ω)
Vibration characteristic: Satisfies G.742 and G.823 standard
Clock type: internal-clock, line clock

Power supply

working voltage range wide, good anti-disturb and Isolation, work stable
option I -DC-48V,range DC-36V--DC-72C
option II —AC120V,
range AC90V-AC260V

Environment condition

Operating temperature: -25C ~+70 C
Storage temperature: -40 C ~ +80 C
Relative temperature: 95% (uncondensed)

Dimension (19inch rack mount)

Length: 433mm
Width: 138mm
Height: 44mm

10/100 Base-T Interface

Rate: 10M/100M full/half duplex self adapt
 Protocol: support IEEE 802.3£¬IEEE 802.1Q(VLAN)
 MAC address table: 4096 MAC addresses
 Ethernet Total Memory Sizes: 64MBits SDRAM
 Physical interface: RJ45, support AUTO-MDIX(cross over and straight through self adapt)

RS232 port

Rate: 300-115.2Kbps auto-adaptable (Asynchronous)
Interlace characteristic: satisfies ITU-T V.24
Connector-RJ45

FXS:

Ring Voltage-75V
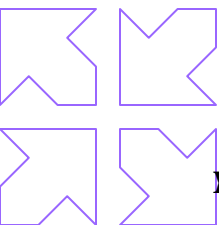Ring Frequency-25Hz

Two line input impedance：
600Ω(hanging off)
 Wastage：40 db

FXO switch port:

Ring test voltage：35V
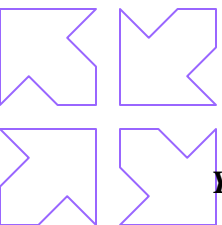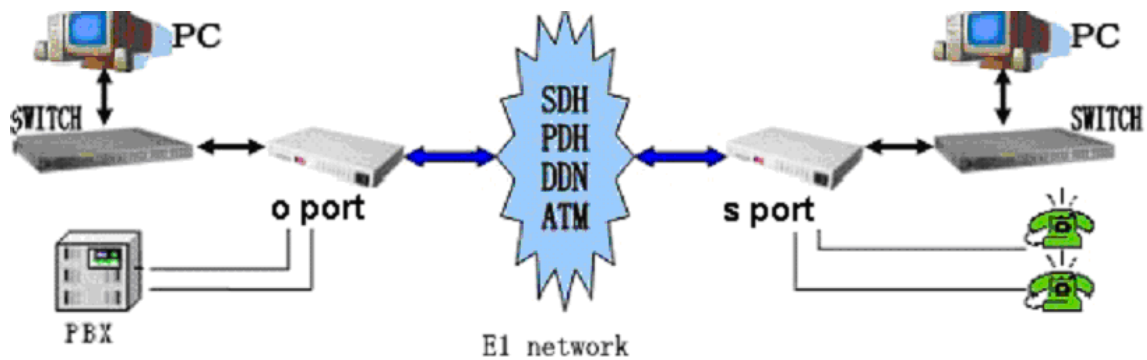
 Ring test frequency：17HZ-60HZ

Two line input impedance：600Ω(hanging-off)

Order information

TD-E1-16*FXS-FXO-MUX-AC
TD-E1-16*FXS-FXO-MUX-DC
TD-E1-16*FXS-FXO-ETH-MUX-AC
TD-E1-16*FXS-FXO-ETH-MUX-DC
TD-E1-16*FXS-FXO-ETH-RS232-MUX-AC
TD-E1-16*FXS-FXO-ETH-RS232-MUX-DC
TD-E1-16*FXS-FXO-ETH-RS232-NMS-MUX-AC
TD-E1-16*FXS-FXO-ETH-RS232-NMS-MUX-DC

Application