



## 1\*10-100Base-T+8FXO/S +4\*RS232 FIBER MUX

**Model: AZ-OP-MUX08**



### Functions:

This point to point fiber transmitting equipment, which is designed on large scale integrated circuit, realizes 1~8 channel voice (FXO, FXS) over fiber and 4 E1 circuit, 1 channels 100M Ethernet, 4 channel RS232 for option. Its merits include complete warning function, high integration, low consumption, stable performance and convenient usage.

### PRODUCT CHARACTERISTIC:

- provides 4 channel E1/ G.703 for option;
- provides 1 channel 100M (liner) Ethernet ports for option
- provides 8 channel voice port, FXO and FXS for option; also for 2/4 wire E&M
- provides 4 channel RS232, rate supports 300-15200 bps for option;
- Ethernet port 10/100M, full/half duplex auto-adaptable and supports VLAN;
- Ethernet port supports AUTO-MDIX (twisted cable and straight cable auto-adaptable);
- 1-8 channel voice connection, supports calling indication;
- Configuration: point to point;
- Voice port supports O port and S port or E&M interface for order, O port connects switch and S port connects user's phone;
- Optical interface supports SC/FC interface and supports single fiber interface

### 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<sup>-11</sup>)

Fiber circuit code: NRZ code

### FXS:

Alarm voltage: 75V

Alarm frequency: 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 Interface:

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

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

MAC Address Entries: 4096 Entries

Total Memory Sizes: 64Mbits SDRAM

Physical interface: RJ45, support AUTO-MDIX

### RS232 port:

Rate : 300—115.2Kbps auto-adaptable  
(Asynchronous)

### E wire:

Max current : 22mA

Saturation voltage: 3V

Dial speed : >20pps

### M wire:

steady current : 7 mA

min test current : 5 mA

pulse dial recognition: >20pps



### 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)

### Dimension (19inch rack mount):

- ◇ 433mm(L)
- ◇ 138mm(W)
- ◇ 44mm(H)

### order information:

AZ-OP-MUX08 -AC

AZ-OP-MUX08 –DC

### Typical application:

