

## AT-MINI FMO MUX-08

### Product introduction

This device provides 1-8 Channel telephone, 2 Channel 10M/100M Ethernet interface (Wire Speed 100M). Equipment electrical part for the whole digital circuits, machine reliability, stability, low power consumption, high integration, small size, easy installation and maintenance.

### Product Picture



### Functional characteristics

- Based on self -copyright IC;
- Voice port supports FXO and FXS port, Support FXO/FXS, Magnet telephone Interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;
- 1~16channel Voice access, Voice FXO / FXS interface, support for caller ID / reverse polarity billing / fax function;
- Support various sites mutual number allocation function;
- Ethernet interface supports 10/100M, half/full duplex auto- adaptable;
- AC 220V, DC-48V can be optional;
- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 10 / 700μs, the peak output voltage 6KV open standards.

### Technical Parameters

### ◆ Fiber

SFP Slots Available	
Wave Length:	820nm
Transmitting power:	-12dBm (Min) ~ -9dBm (Max)
Receiver sensitivity:	-28dBm (Min)
Link budget:	16dBm
<b>Single-mode Fiber</b>	
8/125um, 9/125um	
Maximum transmission distance:	40Km
Transmission distance:	40Km @ 9 / 125um single mode fiber, attenuation (0.35dbm/km)
Wave Length:	1310nm
Transmitting power:	-9dBm (Min) ~ -8dBm (Max)
Receiver sensitivity:	-27dBm (Min)
Link budget:	18dBm

### ◆ FXS Phone Interface

Ring voltage:	75V
Ring frequency:	25HZ
Two-line Impedance:	600 Ohm (pick up)
Return loss:	20 dB

### ◆ FXO Switch Interface

Ring detect voltage:	35V
Ring detection frequency:	17HZ-60HZ
Two-line Impedance:	600 Ohm (pick up)
Return loss:	20 dB

### ◆ Ethernet interface(10/100M)

Interface rate:	10/100 Mbps, half/full duplex auto-negotiation
Interface Standard:	Compatible with IEEE 802.3, IEEE 802.1Q
MAC Address Capability:	4096
Connector:	RJ45, support Auto-MDIX

### ◆ Electrical and mechanical characteristics

System power supply :	AC180V ~ 260V; DC -48V; DC + 24V
Power waste :	≤5W
Size:	(L×W×H) 485*138*45mm 19inch

◆ 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)  
 MTBF: > 100,000 hours

Product specifications

Product Name	8 Voice+2 FE Multiplexer
Functional Description	Transmission of 8-Channel Telephone (RJ11)+2-Channel FE on Optical Fiber , 19inch, Power Supply:DC – 48V or AC220V
Port Description	8* telephone, 2*100 Mbps Ethernet, 1* Fiber interface
Power	Power supply: AC180V ~ 260V ; DC –48V
Dimension	(L×W×H) 485*137*45mm 19inch
Weight	2Kg