

AT-MINI FMO MUX-04

Product introduction

This device provides 1-4 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 / 700 μ s, the peak output voltage 6KV open standards.

Technical Parameters

◆ Fiber

SFP Slots Available

Wave Length:

820nm

Anda Telecom Pvt. Ltd.

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Transmitting power: -12dBm (Min) ~ -9dBm (Max)
 Receiver sensitivity: -28dBm (Min)
 Link budget: 16dBm

Single-mode Fiber

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)

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MTBF: > 100,000 hours

Product specifications

Product Name	4 Voice+2 FE Multiplexer
Functional Description	Transmission of 4-Channel Telephone (RJ11)+2-Channel FE on Optical Fiber , 19inch, Power Supply:DC – 48V or AC220V
Port Description	4* 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