



256 POTS (FXO/FXS) over Fiber multiplexer is a kind of point-to-point fiber transmission device. ITTELECOM designed 1~256POTS (FXO/FXS), it is a multi-service fiber multiplexer which can realize 256channel voice and 4\*Fast/ Gigabit ethernet over fiber transmission. The fiber multiplexer is rack mount device which have 16slots for 16voice card or E1 card. The device support SNMP and console management.

P/N : [ITT-MU4101](https://www.ittelecom.com/ITTELECOM-MU4101)



- Based on the integrated circuit intellectual property rights;
- Plug-in design, convenient way to replace the question, to avoid the integral equipment 1 telephone problems are needed to replace the problem;
- Convenient expansion, increase the board can, convenient maintenance, replacement card;
- The equipment for 4U 19 inch machine frame, a total of a port plate and 4 16 telephone board, light board provides 4 fast / Gigabit Ethernet interface and an optical interface +2 business interface such as RS232/RS485/RS422 asynchronous data, switching signal, each plate can be inserted network management board, 16 FXO/FXS plate, 8 EM2/4 board, E1 interface board, 8 serial data plate....;
- This device is configured to route 256, if the user to expansion in 60 basics, only need to increase the phone card can be;
- 60 speech, support caller ID function and reverse polarity charging function;
- Each site each schedule function;
- 4 Ethernet interface options for exchange, also can be divided into VLAN;
- Ethernet interface for fast Ethernet or Gigabit ethernet rate or optional, full duplex or half duplex adaptive;
- Have a view displays the working status of remote device in the end;
- Can choose various power: AC220V, DC-48V/DC24V etc.;
- The telephone interface with lightning protection, lightning protection up to GB/T17626.5 (IEC61000-4-5) 8/20  $\mu$ s short-circuit current, open-circuit peak output voltage of 6KV standard.

SERVICES:  
Guaranteed Warranty



## Specifications:

<b>FXO port</b>	<ul style="list-style-type: none"> <li>➤ Alarm voltage: 75V</li> <li>➤ Alarm frequency: 25HZ</li> <li>➤ 2-line input impedance: 600Ω (hanging off)</li> <li>➤ Wastage: 40db</li> </ul>
<b>FXS port</b>	<ul style="list-style-type: none"> <li>➤ Alarm detecting voltage: 35V</li> <li>➤ Alarm detecting frequency 17HZ-60HZ</li> <li>➤ 2-line input impedance 600Ω (hanging off)</li> <li>➤ Wastage: 40db</li> </ul>
<b>10/100BaseT Interface</b>	<ul style="list-style-type: none"> <li>➤ Number of Interfaces: 1~4 port</li> <li>➤ Connectors: B RJ45 (10/100 Base T Electrical)</li> <li>➤ Interface Types: 10/100BaseT</li> <li>➤ Standards Compliance: IEEE 802.3</li> <li>➤ Protocol: User Programmable HDLC</li> </ul>
<b>E1 Interface</b>	<ul style="list-style-type: none"> <li>➤ Number of Interfaces: 4 port</li> <li>➤ Line Rate: E1 (2.048Mbps ± 50 bps)</li> <li>➤ Line Code: HDB3</li> <li>➤ Electrical: ITU-T G.703</li> <li>➤ Jitter: G.823</li> <li>➤ Impedance: 75ohm/120 Ohms</li> <li>➤ Connectors: BNC(75ohm) or RJ45(120ohm)</li> </ul>
<b>Optical Interface</b>	<ul style="list-style-type: none"> <li>➤ Optical interface: SC/FC/ST</li> <li>➤ Wavelength: 1310nm/1550nm for single-mode optic interface for option 850nm/1310nm for multi-mode optic interface for option</li> <li>➤ Sending consumption: -9dBm (regular order)</li> <li>➤ Receiving and dispatching module: &gt;-36dBm(regular order)</li> <li>➤ Optical receiver receiving sensitivity: &lt;-36 (BER&lt;10):</li> <li>➤ Optical code: NRZ</li> <li>➤ Transmit distance: MM 2Km/5Km,SM 20Km/40Km/60 Km/120Km for option</li> </ul>
<b>Mechanical Specifications</b>	<ul style="list-style-type: none"> <li>➤ Rack Mounting Standard 19-inch DIN rack</li> <li>➤ Dimension 19inch 1 U: 455mm(L)*365mm(D)*200mm(H)</li> </ul>
<b>Management for option</b>	<ul style="list-style-type: none"> <li>➤ SNMP managment</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>➤ Input AC/DC voltage -48V DC ( nominal ) / AC also available</li> <li>➤ Range of input -36V to -72V DC /90V~260VAC</li> <li>➤ Temperature 0 centi degree to 55 centi degree</li> <li>➤ Humidity 95% RH (non-condensing)</li> <li>➤ Cooling Convection Cooling</li> </ul>

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## Ordering Information:

Model	Description
ITT-OP-MUX256/CH	➤ rack chassis,19inch,4U high,16slots for service
ITT -OP-MUX256/16VC	➤ 16channel voice (FXS or FXO) card
ITT -OP-MUX256/FC	➤ Fiber card
ITT -OP-MUX256/FC/SNMP	➤ Fiber card, with SNMP management
ITT -OP-MUX256/FC/4FE	➤ Fiber card with 4 fast Ethernet
ITT -OP-MUX256/FC/4FE/RS232	➤ Fiber card with 4 fast Ethernet ,1RS232
ITT -OP-MUX256/EC	➤ E1 card
ITT -OP-MUX256/PC	➤ Power card, AC or DC

## Application:



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