1~60 POTS (FXO/FXS) over Fiber Multiplexer
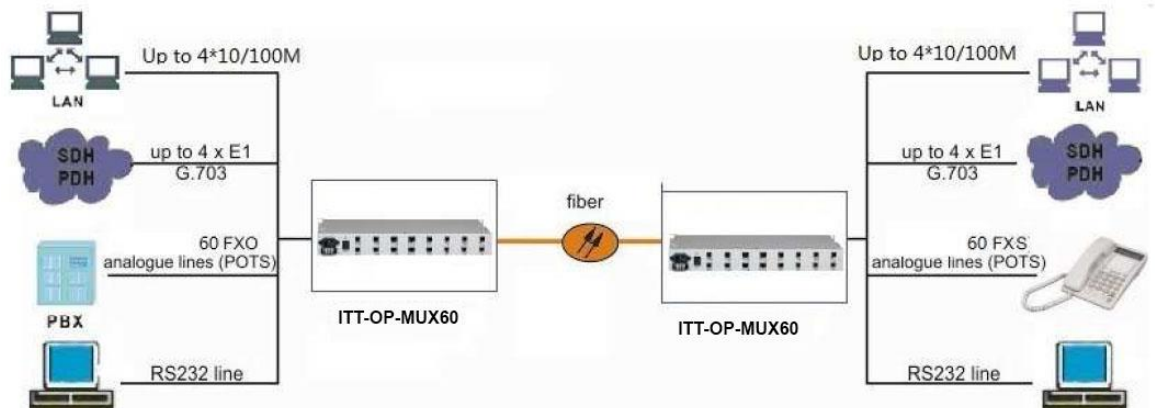
P/N: ITT-MU4115

1~60 POTS (FXO/FXS) over Fiber multiplexer is a kind of point-to-point fiber transmission device. ITTELECOM designed 1~60 POTS (FXO/FXS), 1~4channel G.703 E1 and 1~4 channel 100M Ethernet, 1~4 channelRS232 transmit over one fiber, and it could match different customer requirement

- Provides 1~4 channel E1/ G.703 for option;
- Provides 1~4 channel 100M (liner) Ethernet ports for option;
- Provides 1~60channel POTS (FXO/ FXS), also can offer 2/4 wire E&M for option;
- Provides 1~4 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);
- 1~30 channel voice connection, supports calling indication;
- Configuration: point to point;
- Voice port supports O port and S port, O port connects switch and S port connects user's phone;
- Optical interface supports SC/FC interface and supports single fiber interface

Specifications:

FXO port	➢ Alarm voltage: 75V ➢ Alarm frequency: 25HZ ➢ 2-line input impedance: 600Ω (hanging off) ➢ Wastage: 40db
FXS port	➢ Alarm detecting voltage: 35V ➢ Alarm detecting frequency: 17HZ-60HZ ➢ 2-line input impedance 600Ω (hanging off)

E&M port	➢ E wire:
	    Max current：22mA
	    Saturation voltage: 3V
	➢ M wire
	    steady current：7 mA
	    min test current：5 mA
	    Pulse dial recognition>20pps

10/100BaseT Interface	➢ Number of Interfaces: 1~4 port ➢ Interface Types: 10/100BaseT ➢ Standards Compliance: IEEE 802.3 ➢ Protocol: User Programmable HDLC ➢ Connectors: B RJ45 (10/100 Base-T Electrical)
E1 Interface	➢ Number of Interfaces: 4 port ➢ Line Rate: E1 (2.048Mbps ± 50 bps) ➢ Line Code: HDB3 ➢ Electrical: ITU-T G.703 ➢ Jitter: G.823 ➢ Impedance: 75hom/120 Ohms ➢ Connectors: BNC (75ohm) or RJ45(120ohm) ➢ Vibration Characteristic: Satisfies G.742 and G.823 standard
RS232 interface	➢ Rate: 30~115.2kbps auto adaptable (Asynchronous) ➢ Connector: RJ45 ➢ Interface Characteristic" Satisfies ITU-T V.24 standard
Dimension **(19inch 1 U)**	➢ 433mm(L) x 138mm(W) x 44mm(H) ➢ Rack Mounting：Standard 19-inch DIN rack

Optical Interface	➢ Optical interface: SC/FC/ST
	➢ Wavelength:
	    1310nm/1550nm for single-mode optic interface for option
	    850nm/1310nm for multi-mode optic interface for option
	➢ Sending consumption: -9dBm (regular order)
	➢ Receiving and dispatching module: >-36dBm (regular order)
	➢ Optical receiver receiving sensitivity: <-36 (BER<10):
	➢ Optical code: NRZ
	➢ Transmit distance: MM 2Km/5Km, SM 20Km/40Km/60 Km/120Km for option

Management for option	➢ Web managed built-in or SNMP central management via chassis
Power Supply	➢ Input AC/DC voltage: -48V DC (nominal) / AC also available ➢ Range of input: -36V to -72V DC /90V~260VAC ➢ Temperature: 0 centi degree to 55 centi degree ➢ Humidity: 95% RH (non-condensing) ➢ Cooling: Convection Cooling

Ordering Information:

Model	
ITT-OP-MUX60	60POTS(FXO/FXS) over Fiber multiplexer
ITT-OP-MUX60/4E1	60POTS(FXO/FXS) ,4E1 over Fiber multiplexer
ITT-OP-MUX60/4E1/4ETH	60POTS(FXO/FXS) ,4E1 ,4Ethernet over Fiber multiplexer
ITT-OP-MUX60/4E1/4ETH/4RS232	60POTS(FXO/FXS) ,4E1 ,4Ethernet ,4RS232 over Fiber multiplexer
ITT-OP-MUX60/SNMP	BD-OP-MUX60/SNMP 60POTS(FXO/FXS) over Fiber multiplexer, web managed or SNMP for option