Fiber 32Voice + 2FE Multiplexer

Overview

This device provides 1-32Channel telephone, 2Channel 10M/100/1000M Ethernet interface (Wire Speed 100M)，2Channel Ethernet interface is switch interface, can support VLAN.

Photo

19 Inch Type

Features

- 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;
- 1~32channel Voice access, Voice FXO / FXS interface, support for caller ID / reverse polarity billing / fax function;
- Support various sites mutual number allocation function
- Ethernet interface supports10/100/1000M, half/full duplex auto- adaptable, support VLAN

- ➢ Ethernet interface can support AUTO-MDIX (crossed line and straightly connected line self-adaptable)
- ➢ Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 8 / 20μs, the peak output voltage 6KV open standards.
- ➢ The transmission distance is up to 2-120Km without interruption
- ➢ AC 220V, DC-48V, DC24V can be optional

Parameters

◆ Fiber

Multi-mode Fiber

50/125um, 62.5/125um,

Maximum transmission distance: attenuation (3dbm/km)	5Km @ 62.5 / 125um single mode fiber,
Wave Length:	820nm
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

◆ E1 Interface

Interface Standard:	comply with protocol G.703;
Interface Rate:	n*64Kbps±50ppm;
Interface Code:	HDB3;
E1 Impedance:	75Ω (unbalance), 120Ω (balance);

Jitter tolerance: In accord with protocol G.742 and G.823

Allowed Attenuation: 0~6dBm

◆ Ethernet interface(10/100/1000M)

Interface rate: 10/100/1000 Mbps, half/full duplex auto-negotiation

Interface Standard: Compatible with IEEE 802.3, IEEE 802.1Q (VLAN)

MAC Address Capability: 4096

Connector: RJ45, support Auto-MDIX

◆ FXS Phone Interface

Ring voltage: 75V
Ring frequency: 25HZ

Two-line Impedance: 600 Ohm (pick up)

Return loss: 40 dB

◆ FXO Switch Interface

Ring detect voltage: 35V

Ring detection frequency: 17HZ-60HZ

Two-line Impedance: 600 Ohm (pick up)

Return loss: 40 dB

Return loss: 20 dB

◆ 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)

Specifications

P/N	ITT-MU4140
Functional Description	32 * telephone, 2*100/1000 Mbps Ethernet, 1* Fiber interface
Power	Power supply: AC180V ~ 260V ; DC -48V ; DC + 24V
	Power consumption: ≤10W
Dimension	Product Size: 485X138X45mm(WXDXH) 19 1U
Weight	2.4KG

Application