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## 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;
- 1~64 channel Voice access, Voice FXO / FXS interface, support for caller ID / reverse polarity billing / fax function;
- Support various sites mutual number allocation function
- Ethernet interface supports10/100M, 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

## Description:

The ITT-MU8598 provides 1-64Channel telephone, 2Channel 10M/100M Ethernet interface (Wire Speed 100M), 2Channel Ethernet interface is switch interface, can support VLAN. The whole machine works reliably and stably with low power

### ◆ Fiber

#### Multi-mode Fiber
- 50/125um, 62.5/125um,
- Maximum transmission distance:  5Km @ 62.5 / 125um single mode fiber, attenuation (3dbm/km)
- 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

### ◆ Ethernet interface(10/100M)

- Interface rate: 10/100 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
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### ◆ 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)

## Technical Parameters:

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|---|---|
| • **Functional Description** | ➢ 64 * telephone，2*100 Mbps Ethernet，1* Fiber interface |
| • **Power** | ➢ Power supply: AC180V ~ 260V；DC –48V；DC +24V<br>➢ Power consumption: ≤10W |
| • **Dimension** | ➢ Product Size: 485X138X45mm(WXDXH) 19 1U |
| • **Weight** | ➢ 2.0KG |