

MODEL NO: AT-OLT-32T

32Voice+4FE+4RS232 Fiber Multiplexer

Overview

This device provides 32Channel telephone, 4Channel 10M/100M Ethernet interface (Wire speed 100M) and 4 expansion interface. 4Channel Ethernet interface is switch interface, can support VLAN. 4 expansion interface can be used as the transmission channel of RS232/RS485/RS422 asynchronous data, voice signal, 2/4-line E&M audio signal, switch signal, Ethernet signal (Bandwidth 2M). SNMPor Console management is optional. It is very flexible.

Product Photo



19inch 1U Type

ANDA Telecom Pvt. Ltd.

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• Features

- Based on self -copyright IC
- Support FXO/FXS, EM2/4 audio, Magnet telephone Interface, FXO port docking with program-controlled switchboard, FXS port connected to the user's telephone;
- 1~32channel Voice access, supports caller ID feature and reverse polarity billing functions
- Support various sites mutual number allocation function
- Provide 4 expansion interface, you can extend 1~4Channel asynchronous data, such as RS232/RS485/RS422/Manchester code;1~4Channel voice, 1~8Channel switch or two/four-line audio and so on
- Ethernet interface supports10M/100M, half/full duplex auto- adaptable, support VLAN
- 4Channel Ethernet interface is switch interface, support VLAN, can set to 4 channel logical isolation
- 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 10/700µs open peak output voltage 6KV standards
- The transmission distance is up to 2-120Km without interruption
- AC 220V, DC-48V, DC24V can be optional

• Parameters

◆ Fiber

Multi-mode Fiber

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Turning Copper into Gold

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

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◆ Ethernet interface(10/100M)

Interface rate:	10/100 Mbps, half/full duplex auto-negotiation
Interface Standard: (VLAN)	Compatible with IEEE 802.3, IEEE 802.1Q
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

◆ EM 2/4 Line

AD:	0dB
DA:	-3.5dB
Two/Four-line Impedance:	600 Ohm
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)

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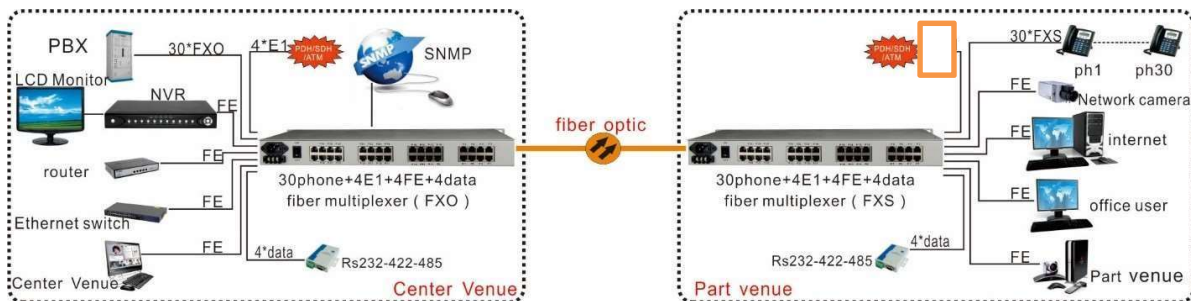
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Specifications

Model	AT-OLT-32T
Functional Description	32 * telephone , 4*100 Mbps Ethernet , Console or SNMP , Support 6U rackmount , Two Fiber interface , 4*RS232/422/485
Power	Power supply: AC180V ~ 260V ; DC -48V ; DC +24V Power consumption: ≤10W
Dimension	Product Size: 485X138X45mm(WDXH) 19 1U
Weight	2.5KG

Application



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