



This product is a 19 inch 1 U rack installation, 64channel voice , 4channel E1 interface, 4*10M/100M Ethernet interface. Four Ethernet interface for the exchange, can support VLAN. Support SNMP or Console Management. Fiber 1+1 back up for option. The application is very flexible. Have perfect alarm function, the machine work stable and reliable, low power consumption, high integration, small volume.

Features:

- Based on proprietary integrated circuit;
- 1U19-inch rack-mount;
- 1-64 channels of voice access, supports Caller ID and reverse polarity billing functions;
- Support Telephone Number mutual function of each site;
- FXO and FXS voice ports support port, FXO port and docking PBX, FXS port is connected to the user's phone;
- E1 interface complies with G.703 recommends using digital clock recovery and smooth phase-locked technology;

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- E1 interface complies with G.703 recommends using digital clock recovery and smooth phase-locked technology;
- Optional 4-channel Ethernet interface for the exchange, Support VLAN;
- Ethernet interface rate of 10M / 100M, full / half duplex adaptive;
- Can detect when the optical signal is lost for the end device powered down or fiber barrier, and through the LED indicates alarm;
- with this end in view job status display function remote device;
- Provide command remote loopback interface, easy to line maintenance;
- Provide Console management interface, easy to install ;
- Unrepeated transmission distance of up to 2 to 120 km;
- Multiple power mode options: AC220V, DC-48V / DC24V, etc;
- DC-48V / DC24V power supply with automatic polarity detection function, when installed without

distinction between positive and negative;

- Telephone interface with lightning protection, lightning reached IEC61000-4-5 Short circuit current wave 8 / 20μs, open-peak output voltage 6KV standards.

Parameters

◆ 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

◆ 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(10/100M)

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

◆ **FXO Switch Interface**

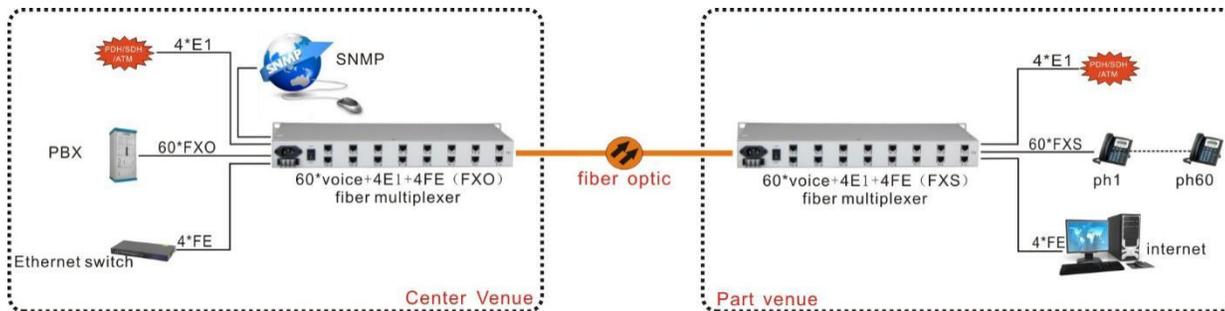
Ring detect voltage: 35V
Ring detection frequency: 17HZ-60HZ
Two-line Impedance: 600 Ohm (pick up)
Return loss: 40 dB

◆ **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)



Specifications

Functional Description	64 * telephone, 4E1, 4* Ethernet, Console or SNMP, Support 6U rackmount, One or Two fiber interface,
Power	Power supply: AC180V ~ 260V ; DC -48V ; DC +24V Power consumption: ≤10W
Dimension	Product Size: 485X200X45mm(WXDXH) 19 1U
Weight	2.4KG