

TSM-30E Multiservice Multiplexer



Front view



4line/Rj45 port



1 line/RJ45 port

Product Description

This device is 1U there 6U rack card type which provides telephone outputs 30 Equipment electrical part for the whole digital circuits machine reliability stability low power consumption high integration small size easy installation and maintenance. Many customers are telecommunications operators E1 leased lines used in computer networking this equipment can be rented at the E1 line opened a few road phone you can make free calls between headquarters and branch offices of this.

Functional Properties

- ◆ based on proprietary integrated circuits;
- ◆ alarm status can be monitored on the end;
- ◆ E1 interface complies with G.703 all-digital clock recovery and smooth phase-locked technology;
- ◆ support FXO voice port FXS ports and ports EM2 / 4 audio interface FXO port and PBX docking port and the user is connected to FXS telephone;
- ◆ 30 road voice access support caller ID function and reverse polarity billing functions;
- ◆ Support Telephone Number mutual function of each site;
- ◆ E1 signal can be detected as a barrier to the end device is lost or shut E1;
- ◆ multiple power mode options: AC220V DC-48V / DC24V etc;

Technical Parameters

◆ 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

◆ 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

◆ Power

Power supply: AC180V ~ 260V ; DC -48V ; DC +24V

Power consumption: ≤10W

◆ Dimension

Product Size: Mini Type 216X140X31mm(WXDXH)

19inch 485X200X45mm(WXDXH)

Simple packaging: mini 274X193X84mm(WXDXH)

19inch 522X198X82mm(WXDXH)

Piece Weight : mini 1KG / 19inch 2.4KG

◆ 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)

Application diagram:

